

Appendix A

# Pottery Sample Descriptions

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Each pottery specimen analyzed was selected on the basis of its potential to reveal information about taxonomic relationships, in addition to providing samples for chemical and mineral analyses. Preference was given to larger sherds with distinct temper and surface treatment characteristics.

Table A.1 describes the provenience of the 70 samples. Table A.2 includes the paste and temper characteristics, and Table A. 3 lists the surface treatment characteristics. Assignment of sherds to typological classes followed regional precedents (Herbert 2003; Herbert et al. 2002).

Each sherd was cut into three sections with a dremel tool fitted with a carborundum disk. Although not measured or recorded, sherds presented very different degrees of stubbornness in yielding to the saw, the difficulty being positively related to hardness (possibly a useful measure in future studies). One section was submitted for NAA, a second section was submitted to a commercial firm for the preparation of thin sections for petrographic analysis, and a third section was reserved for comparative purposes. Two different thin-sectioning firms were used, and the quality of results varied significantly. Pottery samples JMH001–JMH050 were embedded in epoxy blocks, and the quality of thin sections prepared from these samples was excellent. Pottery samples JMH051–JMH070 were vacuum impregnated with epoxy but not embedded in blocks. The quality of these thin sections left a great deal to be desired.

Photomicrographs were made of the flat sections of pucks from which thin sections were cut, thereby providing remarkably distinct images of sherd cross sections (Figures A.1–A.7). Photographs were made with a 35 mm SLR camera body mounted on an Olympus SE40 binocular microscope with incident light provided by Fostec EKE fiber-optics, using Fuji T-64 slide film, subsequently scanned at 600 dpi. Puck surfaces were wetted before photographing, greatly enhancing color and contrast definition, but in some cases dried so quickly that portions of the images appear washed out. Degrees of absorption were also influenced by epoxy impregnation, which partially penetrated the ceramic sample preventing absorption. Some specimens with partial epoxy impregnation appear to have a dark horizontal band across their centers (the absorbent portion) approximately where one might expect to see a reduced core, but this color and contrast difference has nothing to do with firing temperature or atmosphere.

**Table A.1. Descriptive Information for Pottery Samples: Provenience.**

Sample ID	Site	Accession Number <sup>a</sup>	Drainage	Region	UTM		Pottery Series	Pottery Type
					Northing	Easting		
JMH001	31Hk868	522n778e	Lower Little	Sandhills	3888676	661414	Hanover II	Fabric Impressed
JMH002	31Ht392	990498p72	Lower Little	Sandhills	3899986	677604	Hanover II	Fabric Impressed
JMH003	31Ht273	990484p263	Lower Little	Sandhills	3902386	682724	Cape Fear III	Fabric Impressed
JMH004	31Hk127	19p782	Lower Little	Sandhills	3891176	670004	Hanover II	Fabric Impressed
JMH005	31Hk59	19p752.1	Lower Little	Sandhills	3887216	653924	Hanover I	Cord Marked
JMH006	31Hk123	19p1038	Lower Little	Sandhills	3891296	668844	Yadkin	Fabric Impressed
JMH007	31Cd750	97968p98	Lower Little	Sandhills	3889636	686304	Hanover I	Paddle-edge Overstamped
JMH008	31Ht269	990483p452	Lower Little	Sandhills	3903546	682454	Mount Pleasant	Cord Marked
JMH009	31Cd486	980102p505	Lower Little	Sandhills	3895076	674014	Cape Fear	Cord Marked
JMH010	31Hk715	990794p22	Lower Little	Sandhills	3880315	662064	Hanover	Fabric Impressed
JMH011	31Mr241	980239p35	Drowning Creek	Sandhills	3879546	640234	Hanover I	Cord Marked
JMH012	31Mr259	990790	Drowning Creek	Sandhills	3881026	640664	Hanover II	Fabric Impressed
JMH013	31Mr241	980239	Drowning Creek	Sandhills	3879546	640234	Deptford	Linear Check
JMH014	31Mr253	990789p9	Drowning Creek	Sandhills	3880906	640924	Yadkin	Fabric Impressed
JMH015	31Mr241	980239p77	Drowning Creek	Sandhills	3879546	640234	Woodland	Sand-tempered Plain
JMH016	31Sc71	19p598.1	Drowning Creek	Sandhills	3875426	641129	New River	Paddle-edge Overstamped
JMH017	31Mr93	980237p37	Lower Little	Sandhills	3894431	671714	New River	Cord Marked
JMH018	31Sc87	96123p6	Drowning Creek	Sandhills	3875702	641599	Deptford	Check Stamped
JMH019	31Mr93	980237p36	Lower Little	Sandhills	3894431	671714	Hanover II	Cord Marked
JMH020	31Mr241	92604	Drowning Creek	Sandhills	3879546	640234	New River	Cord Marked
JMH021	Breece	2103p4.1	Cape Fear	Coastal Plain	3885236	695604	Hanover II	Paddle-edge Overstamped
JMH022	Breece	2103p4.2	Cape Fear	Coastal Plain	3885236	695604	New River	Fabric Impressed
JMH023	Breece	2103p4.3	Cape Fear	Coastal Plain	3885236	695604	Hanover II	Fabric Impressed
JMH024	Breece	2103p4.4	Cape Fear	Coastal Plain	3885236	695604	Hanover II	Fabric Impressed
JMH025	Breece	2103p4.5	Cape Fear	Coastal Plain	3885236	695604	Cape Fear	Cord Marked
JMH026	Breece	2103p4.6	Cape Fear	Coastal Plain	3885236	695604	Hanover II	Fabric Impressed
JMH027	Breece	2103p4.7	Cape Fear	Coastal Plain	3885236	695604	Hanover I	Fabric Impressed
JMH028	Breece	2103p4.8	Cape Fear	Coastal Plain	3885236	695604	Hanover I	Fabric Impressed
JMH029	Breece	2103p4.9	Cape Fear	Coastal Plain	3885236	695604	Hanover I	Fabric Impressed
JMH030	Breece	2103p4.10	Cape Fear	Coastal Plain	3885236	695604	Hanover II	Fabric Impressed
JMH031	Doerschuk	488p14.1	Yadkin	Piedmont	3917576	584484	Yadkin	Fabric Impressed
JMH032	Doerschuk	488p14.2	Yadkin	Piedmont	3917576	584484	Dan River	Simple Stamped

Table A.1. Descriptive Information for Pottery Samples: Provenience (continued).

Sample ID	Site	Accession Number <sup>a</sup>	Drainage	Region	UTM		Pottery Series	Pottery Type
					Northing	Easting		
JMH033	Doerschuk	488p14.3	Yadkin	Piedmont	3917576	584484	Yadkin	Fabric Impressed
JMH034	Doerschuk	488p14.4	Yadkin	Piedmont	3917576	584484	Jenrette	Plain (possibly Bruton)
JMH035	Doerschuk	488p14.5	Yadkin	Piedmont	3917576	584484	New River	Cord Marked
JMH036	Doerschuk	488p14.6	Yadkin	Piedmont	3917576	584484	New River	Net Impressed
JMH037	Doerschuk	488p14.7	Yadkin	Piedmont	3917576	584484	Yadkin	Check Stamped
JMH038	Doerschuk	488p14.8	Yadkin	Piedmont	3917576	584484	Yadkin	Cord Marked
JMH039	Doerschuk	488p14.9	Yadkin	Piedmont	3917576	584484	Dan River	Net Impressed
JMH040	Doerschuk	488p14.10	Yadkin	Piedmont	3917576	584484	Yadkin	Net Impressed
JMH041	Haw River	2309p67.1	Haw	Piedmont	3951596	673884	Yadkin	Paddle-edge Stamped
JMH042	Haw River	2309p67.2	Haw	Piedmont	3951596	673884	Yadkin	Cord Marked
JMH043	Haw River	2309p299.1	Haw	Piedmont	3951596	673884	Yadkin	Plain
JMH044	Haw River	2309p67.3	Haw	Piedmont	3951596	673884	Cape Fear	Fabric Impressed
JMH045	Haw River	2309p67.4	Haw	Piedmont	3951596	673884	Yadkin	Plain
JMH046	Haw River	2309p67.5	Haw	Piedmont	3951596	673884	Yadkin	Plain
JMH047	Haw River	2309p299.2	Haw	Piedmont	3951596	673884	Yadkin/Hanover	eroded
JMH048	Haw River	2309p299.3	Haw	Piedmont	3951596	673884	Yadkin	Plain
JMH049	Haw River	2309p299.4	Haw	Piedmont	3951596	673884	Yadkin	Plain
JMH050	Haw River	2309p299.5	Haw	Piedmont	3951596	673884	Yadkin	eroded
JMH051	Kolb	Feat 99-32	Pee Dee	Coastal Plain	3951596	673884	Yadkin	Fabric Impressed
JMH052	Kolb	Feat 99-32	Pee Dee	Coastal Plain	3951596	673884	Yadkin/Hanover	Fabric Impressed
JMH053	Kolb	Feat 99-32	Pee Dee	Coastal Plain	3951596	673884	Yadkin/Hanover	Cord Marked
JMH054	Kolb	Feat 99-32	Pee Dee	Coastal Plain	3951596	673884	New River	Cord Marked
JMH055	Kolb	Feat 99-32	Pee Dee	Coastal Plain	3951596	673884	Yadkin	Cord Marked
JMH056	Kolb	Feat 96-106	Pee Dee	Coastal Plain	3951596	673884	New River	Paddle-edge Stamped
JMH057	Kolb	surface	Pee Dee	Coastal Plain	3951596	673884	New River	Cord Marked
JMH058	Kolb	Feat 02-22	Pee Dee	Coastal Plain	3951596	673884	Cape Fear	Fabric Impressed
JMH059	Kolb	Feat 99-32	Pee Dee	Coastal Plain	3951596	673884	Cape Fear	Fabric Impressed
JMH060	Kolb	Feat 02-22	Pee Dee	Coastal Plain	3951596	673884	Hanover I	Fabric Impressed
JMH061	Waccamaw	960p7	Waccamaw	Coastal Plain	3796473	733147	Thoms Creek	Punctate (random)
JMH062	Waccamaw	960p7	Waccamaw	Coastal Plain	3796473	733147	Cape Fear	Fabric Impressed
JMH063	Waccamaw	960p7	Waccamaw	Coastal Plain	3796473	733147	Hanover II	Fabric Impressed
JMH064	Waccamaw	960p7	Waccamaw	Coastal Plain	3796473	733147	Hanover II	Fabric Impressed

**Table A.1. Descriptive Information for Pottery Samples: Provenience (continued).**

Sample ID	Site	Accession Number <sup>a</sup>	Drainage	Region	UTM		Pottery Series	Pottery Type
					Northing	Easting		
JMH065	Waccamaw	960p7	Waccamaw	Coastal Plain	3796473	733147	Hanover I	Fabric Impressed
JMH066	Waccamaw	960p7	Waccamaw	Coastal Plain	3796473	733147	Cape Fear	Fabric Impressed
JMH067	Waccamaw	960p7	Waccamaw	Coastal Plain	3796473	733147	Cape Fear	Fabric Impressed
JMH068	Waccamaw	960p7	Waccamaw	Coastal Plain	3796473	733147	Hanover	eroded
JMH069	Waccamaw	960p7	Waccamaw	Coastal Plain	3796473	733147	Cape Fear	Fabric Impressed
JMH070	Waccamaw	960p7	Waccamaw	Coastal Plain	3796473	733147	Cape Fear	Fabric Impressed

<sup>a</sup> Accession numbers were not available for pottery samples from the Kolb site.

**Table A.2. Descriptive Information for Pottery Samples: Paste and Temper Characteristics.**

Sample ID	Pottery Type	Temper		Characteristics
		Type	Amount	
JMH001	Hanover II Fabric Impressed	grog	25–50%	Paste is reddish brown (2.5YR4/4); thin oxidation rind, otherwise fired high; grog is 1–2 mm in moderately high proportion, pale brown; quartz sand is .5–1 mm in moderate proportion, subangular, clear, smoky, and rose.
JMH002	Hanover II Fabric Impressed	grog	< 25%	Paste is black (2.5Y2.5); very thin oxidation rind, fired high but in reduced atmosphere; grog is 1–2 mm in low proportion, pale brown or reddish brown; background sand is very fine.
JMH003	Cape Fear III Fabric Impressed	sand	< 25%	Paste is reddish brown (2.5YR4/4); thin rind of complete oxidation, exterior half lighter brown partial oxidation; quartz sand is .5–1 mm in moderate proportion, subrounded; two long flat sections reveal no grog, although grog was identified by petrographer.
JMH004	Hanover II Fabric Impressed	grog	> 50%	Paste is black (2.5Y2.5); moderate (1 mm) oxidation rind, fired high but in reduced atmosphere; "grog" (1–2 mm) is apparent in high proportion on the surface as more highly oxidized pale brown or reddish brown colored clots, but in flat section no grog is evident as clots are identical in color to matrix and show no boundaries; background sand is coarse (.5–1 mm) subangular quartz in low proportion.
JMH005	Hanover I Cord Marked	grog	< 25%	Paste is red (2.5YR5/8); pale brown grog is granule size (2–4 mm) in moderate proportion; very coarse subangular quartz sand is present in moderate proportion; core and surfaces look well oxidized, but sherd is moderately soft, suggesting low firing temperature.
JMH006	Yadkin Fabric Impressed	diabase	25–50%	Paste is dark, weak red (2.5YR4/2); very thin oxidation rind; granule-sized diabase fragments visible macroscopically and in flat section in high proportion.
JMH007	Hanover I Paddle-edge Stamped	grog/sand	25–50%	Paste grades from reddish brown (2.5YR5/3) to light red (2.5YR6/6); darker interior but no reduced core; cross section looks mottled with pale brown (probably grog) to red (probably natural hematite) lumps; grog is in moderate to high proportion; very fine quartz and possibly polymineraleous metaigneous rock sand 0–.5 mm in low to moderate proportion; despite being red and having loads of hematite, this sherd is very porous and soft, suggesting low firing temperature.

**Table A.2. Descriptive Information for Pottery Samples: Paste and Temper Characteristics (continued).**

Sample ID	Pottery Type	Temper		Characteristics
		Type	Amount	
JMH008	Mount Pleasant Cord Marked	quartz	< 25%	Paste is light reddish brown (2.5YR6/3); no reduced core; occasional rounded quartz granules; mottled with pale brown lumps, some of which may be grog, but no boundary voids are observable and the color of lumps is very nearly the same as the matrix; sherd is soft and porous.
JMH009	Cape Fear Cord Marked	sand	25–50%	Paste is light red (2.5YR6/6) homogeneous; no reduced core; slightly darker reduced rind (1 mm thick) on the interior; medium to very coarse subangular quartz in moderate proportion; grog was noted in petrography, but only a couple very red hematite clots are visible in this cross section; sherd is hard, red throughout, probably fired high.
JMH010	Hanover Fabric Impressed	sand/grog	25–50%	Paste is light reddish brown (5YR6/3); subrounded quartz sand in coarse to very coarse size is present in moderate proportion (10–15%); grog appears as rounded granule size particles that have indistinct boundaries apparent on the basis of color that is redder or paler brown than surrounding matrix; sherd is soft and very porous, with many large voids indicating advanced state of disintegration, so probably fired at low temperature.
JMH011	Hanover I Cord Marked	grog/sand	25–50%	Paste is red (2.5YR5/6); core and surfaces are oxidized the same, looking well oxidized, no reduced core; pale brown, blocky grog particles are granule size (2–4 mm) in moderate proportion (15–20%); coarse (.5–1 mm) subrounded quartz sand is present in low proportion (5%); sherd is relatively hard and porosity is low.
JMH012	Hanover II Fabric Impressed	grog/sand	25–50%	Paste is black (7.5YR2.5/1) on the interior half of the wall (note carbon particle in lower right) and red (2.5YR5/6) on the exterior half; granule- and pebble-sized grog particles (upper left) in moderate proportion (about 15%), reddish brown and tempered with medium sand; fine sand (less than .5 mm) is in moderate proportion (about 10%) throughout the matrix; this sherd is very hard and porosity is quite low.
JMH013	Deptford Linear Check Stamped	sand	< 25%	Paste is black (7.5YR2.5/1) in the core and red (2.5YR5/6) on both interior (1 mm) and exterior (2.5 mm); very coarse (1–2 mm) subangular quartz sand is present in low proportion (3%), and very fine sand (less than .5 mm) is present in low proportion (perhaps 5%) as “background.”
JMH014	Yadkin Fabric Impressed	sandstone	< 25%	Paste is red (2.5YR5/6) throughout; pebble-sized polycrystalline quartz (ferric sandstone?); large grog particle (center) is pale brown; this sherd is hard.

Table A.2. Descriptive Information for Pottery Samples: Paste and Temper Characteristics (continued).

Sample ID	Pottery Type	Temper		Characteristics
		Type	Amount	
JMH015	Sand-tempered Plain	sand	25–50%	Paste is weak red (2.5YR4/2) in core and interior, but light red (2.5YR6/6) in the outer 1.5 mm; subrounded quartz sand of medium (.5–1 mm) to very coarse (1–2 mm) size in moderately high proportion (about 20%).
JMH016	New River Paddle-edge Stamped	grog	< 25%	Paste is reddish grey (2.5YR5/1), somewhat lighter on the exterior 2.3 mm and near black on the interior 3 mm; the color of the grog is very close to the color of the matrix; subangular coarse (1–2 mm) quartz sand in low proportion (5%); sherd is soft and porous, apparently fired at low temperature.
JMH017	New River Cord Marked	sand	25–50%	Paste is dark reddish gray (2.5YR3/1) in the core and red (2.5YR6/6) on the exterior and interior 2 mm and throughout in one portion of the flat section; medium to very coarse subangular quartz sand in moderate proportion; grog was noted in petrography, but there is no doubt that, lacking petrography, this sherd would be classified as sand tempered as no grog was evident in the flat section or across either face of sherd.
JMH018	Deptford Check Stamped	sand	< 25%	Paste is black in core and pale brown within a thin rind about 1 mm thick; subangular quartz sand of medium (.25–.5 mm) and coarse (.5–1 mm) size in moderate proportion (about 15%).
JMH019	Hanover II Cord Marked	grog	< 25%	Paste is red (2.5YR6/4) in exterior half and dark reddish gray (2.5YR4/1) on the interior half; very large chunks (up to 9 mm) of crushed pottery are visible in the broken cross section; medium and coarse sand is also present in low proportion (about 5%).
JMH020	New River Cord Marked	sand	< 25%	Paste is red (2.5YR5/6) in most of the cross section with some pockets of dark reddish gray (2.5YR4/1) reduced core; medium and coarse subrounded quartz and feldspar sand in low proportion (about 5%); grog temper also appears to be present in low proportion.
JMH021	Hanover II Paddle-edge Stamped	grog	< 25%	Paste is black in core and pale brown within a thin rind about 1 mm thick; grog particles occur in low proportion and are reduced like the core, so are difficult to see, although they appear to have a higher proportion of sand oriented differently than that in the matrix; temper also includes medium and coarse sand in very low proportion (3%); sherd is soft and porous.

**Table A.2. Descriptive Information for Pottery Samples: Paste and Temper Characteristics (continued).**

Sample ID	Pottery Type	Temper		Characteristics
		Type	Amount	
JMH022	New River Fabric Impressed	sand	25–50%	Paste is black (7.5YR2.5/1) throughout, although surfaces are pale brown; coarse and very coarse subrounded quartz sand in moderately high proportion (20–25%).
JMH023	Hanover II Fabric Impressed	grog	< 25%	Paste is dark gray (7.5YR5/1) to black (7.5YR2.5/1) on the interior two-thirds and light brown (7.5YR6/4) on the exterior one-third of the core; pebble-sized (2–5 mm) and smaller grog particles are light reddish brown (2.5YR7/3) or pale brown and occur in moderately low proportion (3–5%); fine and larger quartz sand is present in very low proportion (less than 3%).
JMH024	Hanover II Fabric Impressed	grog/sand	< 25%	Paste is light reddish brown (2.5YR6/4) to reddish brown (2.5YR5/3) with interior being only slightly darker than exterior; medium to coarse (up to 2 mm) light brown grog particles are present in moderately low proportion (about 5%); medium to coarse sand is also present in moderately low proportion (about 5%); red argillaceous clots are common throughout.
JMH025	Cape Fear Cord Marked	sand	< 25%	Paste is light red (2.5YR6/6) and only slightly darker on the interior; medium to coarse (up to 1 mm) angular quartz sand; grog was noted in petrography but is ambiguous in the flat section — note that grog-like particle in photo is in poorly welded coil void.
JMH026	Hanover II Fabric Impressed	grog	< 25%	Paste is red (2.5YR5/6) on the exterior half of the core and gray (5YR5/1) on the interior half; grog particles up to 1 cm, typically light brown, are present throughout; subangular quartz sand up to 1 mm is present in moderate proportion (about 5%); sherd is relatively soft and porous.
JMH027	Hanover I Fabric Impressed	sand	< 25%	Paste is light reddish brown (5YR6/4) over two-thirds of the exterior core and black (5YR2.5/1) on the interior; subangular quartz sand up to very coarse size (1–2 mm) in moderate proportion (15–20%); grog particles up to 4 mm in low proportion (less than 5%).
JMH028	Hanover I Fabric Impressed	sand	< 25%	Paste is light reddish brown (5YR5/4) on the exterior half of core and dark reddish gray (5YR4/2) on the interior half; subangular quartz sand in mixed sizes in moderate proportion (10–15%); grog particles up to 4 mm in low proportion (3–5%); sherd is moderately hard and porous.



**Table A.2. Descriptive Information for Pottery Samples: Paste and Temper Characteristics (continued).**

Sample ID	Pottery Type	Temper		Characteristics
		Type	Amount	
JMH029	Hanover I Fabric Impressed	sand/grog	< 25%	Paste is pink (5YR7/4) throughout except for a 1 mm rind of black (5YR2.5/1) on the interior; subrounded quartz sand up to coarse (.5–1 mm) size; grog up to 4 mm in moderate proportion (about 10%).
JMH030	Hanover II Fabric Impressed	grog/sand	25–50%	Paste is pink (5YR7/4) throughout except for a 1 mm rind of black (5YR2.5/1) on the interior; grog up to 4 mm in size in moderate proportion (about 10%); subrounded quartz sand up to coarse (.5–1 mm) size.
JMH031	Yadkin Fabric Impressed	diabase	25–50%	Paste is black (5YR2.5/1) throughout (obviously fired in reduced atmosphere); subangular and angular particles of quartz, quartzite, and feldspar up to pebble size (greater than 4 mm) with most pieces in the very coarse and granule size range, occurring in moderate proportion (about 20%).
JMH032	Dan River Simple Stamped	granite	25–50%	Paste is black (5YR2.5/1) throughout (obviously fired in reduced atmosphere); subangular and angular particles of quartz, quartzite, and feldspar up to very coarse range (looks like crushed rock consisting of many size grades from very small to 2 mm), occurring in moderately high proportion (greater than 20%); given the temper attributes, classification as Yadkin may also be appropriate.
JMH033	Yadkin Fabric Impressed	granite	25–50%	Paste is black (5YR2.5/1) throughout (obviously fired in reduced atmosphere); subangular and angular particles of polymineralic (quartz, quartzite, and feldspar) rock from very small to 2 mm, occurring in moderately high proportion (greater than 20%).
JMH034	Jenrette Plain	quartz/ granite?	25–50%	Paste is gray (5YR5/1) to dark gray (5YR4/1), the core being slightly darker than the interior and exterior; subangular quartz up to very coarse size; possibly angular polymineralic rock (probably granitic) also in mixed size grades up to very coarse size.
JMH035	New River Cord Marked	granite	25–50%	Paste is gray (5YR5/1); subangular particles of granitic rock in mixed size grades with far more fine and medium particles than larger, occurring in high proportion (30% or more).
JMH036	New River Net Impressed	quartz/ granite	25–50%	Paste is gray (5YR5/1); subangular particles of quartz up to coarse size; polymineralic rock (granitic) in mixed size grades with far more fine and medium particles than larger, occurring in high proportion (30% or more).

**Table A.2. Descriptive Information for Pottery Samples: Paste and Temper Characteristics (continued).**

Sample ID	Pottery Type	Temper		Characteristics
		Type	Amount	
JMH037	Yadkin Check Stamped	quartz	25–50%	Paste is dark gray (5YR4/1) to very dark gray (5YR3/1); very thin oxidized rind of light brown (7.5YR6/4); angular quartz particles mostly in the very coarse and granule size range, occurring in moderate proportion (about 15%).
JMH038	Yadkin Cord Marked	granite/ quartz	< 25%	Paste is black (5YR2.5/1); oxidized surface is yellowish red (5YR4/6) and core tends to be lighter on the exterior half, but no distinct oxidized zone in cross section; angular crushed rock (granitic) from fine to granule size with most particles in the medium and coarse size range; grog was noted in petrography, but none visible in the 10× view of the flat section.
JMH039	Dan River Net Impressed	granite/ sand?	< 25%	Paste is pink (5YR7/3) on the exterior half and very dark gray (5YR4/1) on the interior half; fine to coarse particles of granitic rock (sand?) with quartz, plagioclase, K-feldspar and biotite, occurring in high proportion (greater than 30%); the vast majority of particles are in the medium and fine size grade, giving the sherd a very smooth feel; sherd is very hard with low porosity; originally classified as Dan River, but the temper also suggests Yadkin.
JMH040	Yadkin Net Impressed	granite	< 25%	Paste is black, except for a thin (1.5 mm) rind of reddish brown (5YR5/2) on the exterior; crushed weathered granitic rock (including quartz, feldspars, and biotite) ranging in size grades up to granule but mostly in the medium and coarse size, occurring in high proportion (greater than 30%).
JMH041	Yadkin Paddle-edge Stamped	quartz	25–50%	Paste is light gray (5YR7/1) throughout, except for a very thin rind of darker gray on both interior and exterior; crushed quartz in granule and pebble size range in moderate proportion (about 20%); many quartz flakes attest to the method of preparation; moderate amount of medium and fine feldspar.
JMH042	Yadkin Cord Marked	quartz	< 25%	Paste is reddish brown (5YR6/2) with slightly lighter red in the exterior half and darker gray in the interior half of the core; crushed quartz up to pebble size in moderate proportion; the paste also incorporates a high frequency of fine- and medium-sized feldspar particles suggesting, perhaps, a saprolite source for the clay.

**Table A.2. Descriptive Information for Pottery Samples: Paste and Temper Characteristics (continued).**

Sample ID	Pottery Type	Temper		Characteristics
		Type	Amount	
JMH043	Yadkin Plain	quartz	25–50%	Paste is yellowish red (5YR6/6) on the exterior half and reddish gray (5YR5/2) to black (5YR2.5/1) on the interior; subangular quartz in very coarse and occasionally granule size in moderate proportion (10–15%).
JMH044	Cape Fear Fabric Impressed	sand/ quartz	25–50%	Paste is white 2.5Y8/1 with a slightly redder thin zone on the interior and exterior surfaces; subangular to subrounded polygranular quartz in very coarse size, occurring in moderate proportion (10%); fine and medium feldspar particles seem to be present but there is not much color contrast.
JMH045	Yadkin Plain	rock (granite?)	25–50%	Paste is black (2.5Y2.5/1) throughout; surfaces are oxidized reddish brown; quartz and feldspar (granitic rock?) in coarse size (.5–1 mm), occurring in moderately high proportion (about 25%).
JMH046	Yadkin Plain	diabase/ quartz	25–50%	Paste is black (2.5Y2.5/1) throughout; surfaces are oxidized reddish brown; rock in fine and medium size (0–.5 mm), occurring in moderate proportion (about 10–15%); angular crushed quartz in very coarse size in moderate proportion (10%).
JMH047	Yadkin/Hanover eroded	diabase/ quartz	25–50%	Paste is pinkish gray (5YR7/2) in the exterior half and gray (5YR5/1) in the interior half; angular quartz in the granule-size grade occurring in moderate proportion (15%) with a background of fine and medium feldspar fragments in moderate proportion.
JMH048	Yadkin Plain	rock (mafic?)	25–50%	Paste is dark reddish gray (5YR4.2) and black (2.5Y2.5/1) on the interior; crushed rock in medium to very coarse size grades, occurring in high proportion (30% or more).
JMH049	Yadkin Plain	granite	25–50%	Paste is mostly very dark gray (5YR4/1) with a thin reddish gray (5YR5/2) band along the exterior and interior; polymineralic rock with quartz, plagioclase, K-feldspar, and biotite in medium- and very-coarse-sized grades, occurring in moderate proportion (20%).
JMH050	Yadkin eroded	granite	25–50%	Paste is dark gray (5YR4/1) except for a small band of reddish gray (5YR5/2) on the interior and exterior; medium and coarse polymineralic rock (quartz, plagioclase, K-feldspar) in moderate proportion (20%); large quartz particles in the very coarse and granule-sized grade in low proportion (3%).

**Table A.2. Descriptive Information for Pottery Samples: Paste and Temper Characteristics (continued).**

Sample ID	Pottery Type	Temper		Characteristics
		Type	Amount	
JMH051	Yadkin Fabric Impressed	quartz	25–50%	Paste is dark gray (5YR3/1) on the exterior and interior with a more oxidized core of light reddish brown (5YR6/3); moderately abundant quartz pebbles (many pieces 5–7 mm), some are subangular but there are definitely angular particles and even flakes, in moderately low proportion (5–10%).
JMH052	Yadkin/Hanover Fabric Impressed	grog/ quartz	25–50%	Paste is dark gray (5YR3/1) on the interior half and reddish brown (5YR6/3) in the exterior half; large grog particles deform interior surface; a few pieces of pebble-sized (4.5 mm) angular quartz.
JMH053	Yadkin/Hanover Cord Marked	quartz/ grog	25–50%	Paste is dark gray (5YR3/1) on the interior half and reddish brown (5YR6/3) in the exterior half; angular and subangular quartz and quartzite fragments up to 4 mm, some black mineral inclusions in quartz (possibly tourmaline); grog up to 3 mm; paste also includes fine micaceous sand.
JMH054	New River Cord Marked	sand	25–50%	Paste is black (5YR2.5/1) throughout with a thin (1 mm) oxidized band and surface that is yellowish red (5YR4/6) on the exterior; sand and grit (mostly quartz) about 1 mm with some larger pieces up to 3 mm, occurring in moderate density; possible grog particles in granule size occur in low proportion.
JMH055	Yadkin Cord Marked	quartz	> 50%	Paste is dark gray (5YR4/1) on the interior and exterior and gray (5YR6/1) in the center of the core; subangular and angular quartz particles in very coarse and granule size, occurring in moderate proportion; a few quartz particles appear to be flakes, suggesting crushing; paste is fine micaceous sand and also includes fine particles of what appears to be feldspar or weathered granite; also thin lamellar voids such as those seen in shell-tempered ware.
JMH056	New River Fabric Impressed	-	-	No specimen portion remained for examination; temper, if tempered, is not visible; two cavities in the cross-section break suggest that large (6 mm) temper particles (probably quartz pebbles) have been plucked from the matrix.
JMH057	New River Cord Marked	sand	25–50%	Water-worn, subrounded quartz grains up to granule size (1–5 mm), including crystal, rose, and smoky, occurring in moderate proportion; some feldspar and polycrystalline rock with feldspar in low proportion.

**Table A.2. Descriptive Information for Pottery Samples: Paste and Temper Characteristics (continued).**

Sample ID	Pottery Type	Temper		Characteristics
		Type	Amount	
JMH058	Cape Fear Fabric Impressed	sand	< 25%	Paste is dark reddish gray (5YR4/2) with a black (5YR2.5/1) interior zone; background inclusion of fine sand (less than .5 mm) in moderate proportion; subangular quartz in very coarse size range in low proportion (less than 5%); metasilstone fragment.
JMH059	Cape Fear Fabric Impressed	sand	< 25%	Paste is dark gray in the core, with a light reddish brown (5YR6/4) zone in the exterior 1.5 mm and a black zone (5YR2.5/1) on the interior; temper, if any, is very coarse subangular quartz sand (1–2 mm) in low proportion; because piece is small, we may be missing larger grains of quartz temper.
JMH060	Hanover I Fabric Impressed	clay/sand	< 25%	Paste is reddish yellow (5YR6/6) in the exterior zone and throughout most of the core, with reddish gray (5YR5/2) in the interior 1.5 mm zone; a few very large (5 mm) lumps of clay and grog; subrounded quartz granules (1–4 mm).
JMH061	Thoms Creek Punctate	sand	25–50%	No remaining specimen; abundant medium subrounded quartz sand; some clay particles are included but they appear to be incidental.
JMH062	Cape Fear Fabric Impressed	sand	25–50%	Paste is yellowish red (5YR5/6) throughout with a very thin zone of reddish brown (5YR5/3) in the interior and exterior; very coarse quartz sand (1–2 mm) in moderate density; paste is well mixed and well compacted; fired relatively high although sherd is soft; well oxidized throughout.
JMH063	Hanover II Fabric Impressed	grog	25–50%	Paste core is reduced dark reddish brown (5YR3/2) throughout with a thin black zone on the interior; exterior oxidized; grog particles about 4–5 mm in moderate density; background of sparse medium quartz sand in moderate proportion (5–10%).
JMH064	Hanover II Fabric Impressed	grog	25–50%	Paste core is reduced dark reddish brown (5YR3/2) throughout with a thin black zone on the interior; surfaces oxidized or weathered to reddish brown; grog (up to 4 mm) obvious as it is very oxidized in comparison to reduced sherd core; sand in fine and medium size grades, occurring in low proportion.
JMH065	Hanover I Fabric Impressed	clay/sand	< 25%	Paste is reddish brown (5YR5/2) in the interior and exterior zones and dark gray (5YR4/1) in the core; clay is 1–4 mm in moderate proportion; sand is medium subrounded quartz in low proportion; interior surface is well smoothed — nearly floated — nearly obscuring temper.

**Table A.2. Descriptive Information for Pottery Samples: Paste and Temper Characteristics (continued).**

Sample ID	Pottery Type	Temper		Characteristics
		Type	Amount	
JMH066	Cape Fear Fabric Impressed	sand	25–50%	Core is black and interior and exterior are similarly oxidized to buff color; medium, coarse, and very coarse quartz sand in moderate proportion (about 20%); occasional small clay particles suggest incidental inclusion.
JMH067	Cape Fear Fabric Impressed	sand	< 25%	Paste is dark gray (5YR4/1) in the core and reddish brown (5YR5/4) in the interior and exterior zones; medium, coarse, and very coarse sand in low proportion; some rock inclusions appear to be quartz and micaceous schist, very soft and full of mica.
JMH068	Hanover eroded	grog/sand	25–50%	No remnant specimen; large (3–5mm) grog particles in moderate proportion; background of medium quartz sand.
JMH069	Cape Fear Fabric Impressed	sand	25–50%	Paste is reddish yellow (5YR6/6) throughout with thin slightly reduced reddish brown zones in interior and exterior; medium, coarse, and very coarse quartz sand in moderate proportion (15%).
JMH070	Cape Fear Fabric Impressed	sand	25–50%	Paste is dark gray (5yr4/1) throughout with thin, slightly reduced black zones on interior and slightly oxidized reddish brown zone on the exterior; medium, coarse, and very coarse sand in moderate proportion.

**Table A.3. Descriptive Information for Pottery Samples: Surface Treatment Characteristics.**

Sample ID	Pottery Series	Surface Treatment		Characteristics
		Exterior	Interior	
JMH001	Hanover II	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Fabric is rigid warp, weft 1 mm; warp 3 mm (total width), impressions are parallel, oblique to rim (top left to bottom right). Vessel is medium open-mouthed jar/bowl, 18 cm orifice, height about 12–14 cm; one mend hole 4.25 cm from rim; lip is flattened by stamping with fabric-wrapped paddle, interior is well smoothed.
JMH002	Hanover II	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface treatment of rigid warp (3 mm) interwoven with cordage weft (1 mm) is overstamped, ambiguous. A Hanover Fabric Impressed sherd from this site was TL dated AD 1084±124 (Herbert et al. 2002).
JMH003	Cape Fear III	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface treatment appears to be overstamped fabric, but impressions are weak, not clear; sherd is thin, 5.4 mm, and hard, apparently fired high.
JMH004	Hanover II	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface treatment of rigid warp (3 mm), but weakly executed so that impressions are not clear.
JMH005	Hanover I	Cord Marked; parallel, S-twist	Smoothed	Surface treatment is oblique overstamped cord (about 2 mm diameter).
JMH006	Yadkin	Fabric Impressed; flexible warp <sup>b</sup>	Smoothed	Surface treatment is overstamped fabric impressed (1 mm weft, 3–4 mm warp, possibly flexible).
JMH007	Hanover I	Paddle-edge Stamped	Smoothed	Surface impressions are weak, but former identification as overstamped paddle-edge seems plausible.
JMH008	Mount Pleasant	Cord Marked; perpendicular/oblique	Smoothed	Surface treatment is perpendicular overstamped cord marked. A Yadkin Net Impressed sherd from this site was TL dated AD 118±233 (Herbert et al. 2002).
JMH009	Cape Fear	Cord Marked; parallel, Z-twist	Smoothed	Surface is cord marked, parallel to oblique, cordage is 1 mm diameter, Z-6 twist/cm. A Cape Fear Cord Marked sherd from this site was TL dated 278±370 BC (Herbert et al. 2002).
JMH010	Hanover	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface treatment is fabric impressed, warps about 4 mm, wefts 5–7 mm.

**Table A.3. Descriptive Information for Pottery Samples: Surface Treatment Characteristics (continued).**

Sample ID	Pottery Series	Surface Treatment		Characteristics
		Exterior	Interior	
JMH011	Hanover I	Cord Marked; parallel, S-twist	Smoothed	Surface treatment is cord marked, parallel, 1.3 mm diameter, S-3 twist/cm.
JMH012	Hanover II	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface treatment is fabric impressing, weft about 1 mm diameter and rigid warp about 6 mm.
JMH013	Deptford	Linear Check Stamped	Smoothed	Surface treatment is linear check stamping, checks are 3.5-x-2.5 mm size.
JMH014	Yadkin	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface treatment is smoothed-over fabric impressed.
JMH015		Smoothed	Smoothed	Surface treatment is smoothed-over fabric impressed (perhaps), but quite eroded.
JMH016	New River	Paddle-edge Stamped	Smoothed	Surface treatment originally identified as knot-roughened net impressed, but is overstamped (very messy) cord-wrapped paddle edge, especially evident on flattened stamped lip of rim section. Rim section suggests vessel with 18 cm orifice, and if the slope of the stamped lip is an indication, the vessel was a jar with a constricted neck (on upper one-third of vessel).
JMH017	New River	Cord Marked; parallel	Smoothed	Surface treatment is parallel cord marked, with cordage (1 mm diameter, S-4 twist/cm) widely spaced about 2-3 mm apart.
JMH018	Deptford	Square Check Stamped	Smoothed	Surface treatment is recorded as check stamped, but the piece left for comparison and photo is too small to see this.
JMH019	Hanover II	Cord Marked; perpendicular/oblique, Z-twist	Smoothed	This sherd is part of vessel that has been TL dated AD 435±314. Vessel form is probably globular jar with constricted mouth, orifice is about 30 cm diameter. Surface treatment is clearly overstamped perpendicular cord marked; this treatment is exceptionally clear and deeply impressed, cordage is 1.5 mm diameter, Z-4 twists/cm; perpendicular (vertical) to the lip; lip is stamped flat with cord-wrapped paddle.
JMH020	New River	Cord Marked; parallel, S-twist	Smoothed	Surface treatment is cord-marked parallel, cordage diameter is about 2 mm (S-4 twists/cm).



**Table A.3. Descriptive Information for Pottery Samples: Surface Treatment Characteristics (continued).**

Sample ID	Pottery Series	Surface Treatment		Characteristics
		Exterior	Interior	
JMH021	Hanover II	Paddle-edge Stamped	Smoothed	Surface treatment is either fabric or cleanly executed cord-wrapped paddle edge. This is a rim sherd from a jar with an everted rim and modestly flared, well smoothed lip; orifice is about 14 cm.
JMH022	New River	Fabric Impressed; flexible warp <sup>b</sup>	Scraped	Surface treatment is fabric impressing of weft-faced interlacing of 1.5 mm weft cordage over 3 mm flexible warp; there is some suggestion of twined lacing on 3-mm centers rather than interlacing to create weft-face fabric.
JMH023	Hanover II	Fabric Impressed; flexible warp <sup>b</sup>	Smoothed	Surface treatment is fabric impressed, flexible warp, with weft cordage diameter of about 1.5 mm, applied diagonally to the rim. This is a rim sherd of a large (orifice approximately 32 cm), straight-walled, open-mouthed jar; lip is flattened by padding and then smoothed over.
JMH024	Hanover II	Fabric Impressed; flexible warp <sup>b</sup>	Smoothed	Surface treatment is fabric impressed, flexible warp, with weft cordage diameter of about 1.5 mm, applied diagonally to the rim (unusual in being oriented upper right to lower left), carefully and boldly impressed with no smoothing or smudging over; rim is padded flat. Vessel form appears to be medium-sized (orifice diameter of approximately 20 cm), straight-walled, open-mouthed jar.
JMH025	Cape Fear	Cord Marked; perpendicular/oblique, S-twist	Smoothed	Surface treatment is perpendicular overstamped cord marking (cordage is approximately 1 mm diameter, S-4 twist/cm), spaced approximately 5 mm, overstamped nearly 90 degrees.
JMH026	Hanover II	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface treatment is fabric impressing of textile with weft cordage (S-twist) of 1.5% interlaced over flexible warp.
JMH027	Hanover I	Fabric Impressed; flexible warp <sup>b</sup>	Smoothed	Surface treatment is fabric impressed weft-faced interwoven wefts (approximately 1 mm) over flexible warps.
JMH028	Hanover I	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface treatment is fabric impressed, 1.5 mm diameter weft and flexible warp. This appears to be a rim, although the sherd segment is very narrow, and the lip is rather ambiguous. At this point, the remaining portion of the sherd does not appear to have an intact lip, although two horizontal paddle-edge impressions were clearly impressed as a decorative element under the rim, or at the throat of the vessel.

**Table A.3. Descriptive Information for Pottery Samples: Surface Treatment Characteristics (continued).**

Sample ID	Pottery Series	Surface Treatment		Characteristics
		Exterior	Interior	
JMH029	Hanover I	Fabric Impressed; fine weft-faced <sup>c</sup>	Smoothed	Surface treatment is fabric-impressed weft-faced interwoven textile with wefts (approximately 1 mm) interwoven over flexible warps.
JMH030	Hanover II	Fabric Impressed; fine weft-faced <sup>c</sup>	Smoothed	Surface treatment is fabric-impressed weft-faced interwoven textile with wefts (approximately 1 mm) interwoven over flexible warps. (Appears to me that JMH029 and JMH030 are the same vessel.)
JMH031	Yadkin	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface treatment is fabric impressing fine weft (less than 1 mm) interlaced over rigid warp of about 3 mm. Interior appears to be well smoothed with clay floated over rough temper particles. This piece is a rim sherd reflecting a straight-necked jar with an orifice of about 18 cm. The lip is well formed and rounded. Exterior decoration consists of paddle-edge stamping diagonal to vessel lip. Although classified as Yadkin, there is much about this sherd that suggests Late Woodland provenance — its very clean execution, fine-weft rigid-warp fabric, and subangular particles suggest possible non-Yadkin classification.
JMH032	Dan River	Simple Stamped; narrow land	Smoothed	Surface treatment is simple stamping, overstamped perpendicular; lands are 2 mm wide, spaced 2 mm; originally identified as New River, but reclassified as Dan River by Steve Davis.
JMH033	Yadkin	Fabric Impressed; fine weft-faced <sup>c</sup>	Scraped	Surface treatment is fabric-impressed fine weft (less than 1 mm) interwoven over rigid warp (2–3 mm) applied horizontally on the rim. This is a rim of a jar (perhaps a collared neck) with a slightly everted rim (paddle-edge stamped down the interior, about 26 mm) and a flattened stamped lip. Vessel orifice is about 20 cm.
JMH034	Jenrette	Burnished	Smoothed	The surface is burnished on the exterior and smoothed on the interior. The exterior is yellowish red, which is very different from every other sherd in the Doerschuk sample, suggesting that a slip may have been applied. According to Steve Davis, this sherd is similar to those found at the Mitchum site and should be classified as Jenrette Plain and placed very late in the occupation history of the site (note that this sherd is burnished, not simply smoothed).
JMH035	New River	Cord Marked; parallel, Z-twist	Smoothed	Surface treatment is cord marked, parallel, with occasional cord impressions superimposed over the stamped pattern.

**Table A.3. Descriptive Information for Pottery Samples: Surface Treatment Characteristics (continued).**

Sample ID	Pottery Series	Surface Treatment		Characteristics
		Exterior	Interior	
JMH036	New River	Net Impressed; knotted, open weave <sup>d</sup>	Smoothed	Surface treatment is net impressed with cordage being fine (less than 1 mm) and spaces between knots of about 4–6 mm.
JMH037	Yadkin	Check Stamped	Smoothed	The surface treatment appears to be check stamping, consisting of relatively small, slightly rectangular checks (roughly 4-x-6 mm) impressed very deeply (in wet surface).
JMH038	Yadkin	Cord Marked; parallel, S-twist	Smoothed	Surface treatment is parallel cord marked; width of cordage is about 2 mm and spaced about 2.5 mm; smoothing-over obliterated most cord structure, but appears to be S-3 twists/cm. This was originally classified as New River, but reclassified as Yadkin based on the temper attributes.
JMH039	Dan River	Net Impressed; knotted, closed weave <sup>e</sup>	Smoothed	Very well-smoothed interior. Surface treatment is knotted net impressed; knot structure is not evident and net spacing appears to be about 2.5 mm.
JMH040	Yadkin	Net Impressed; knotted, open weave <sup>d</sup>	Smoothed	Surface treatment is net impressed; cordage diameter is 1 mm; S-5 twists/cm; knots about 4 mm apart.
JMH041	Yadkin	Paddle-edge Stamped	Smoothed	Surface treatment was originally recorded as paddle-edge, but the remaining piece is not adequate to confirm this; looks very much like check stamped.
JMH042	Yadkin	Cord Marked; parallel, S-twist	Smoothed	Surface treatment is cord marked; cord diameter is 2.5 mm, S-3 twists/cm.
JMH043	Yadkin	Smoothed	Smoothed	Surface treatment is plain, very well smoothed on exterior and interior; this would necessarily be partial burnishing.
JMH044	Cape Fear	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	The remaining sherd is so small that the surface treatment is not visible, but originally identified as Cape Fear Fabric Impressed.
JMH045	Yadkin	Smoothed	Smoothed	Surface is smoothed inside and out.
JMH046	Yadkin	Smoothed	Smoothed	Surface is smoothed on the exterior, but large quartz particles stand in relief on the interior surface.
JMH047	Yadkin/Hanover	eroded stamped	Smoothed	Surface is smoothed inside and out.

**Table A.3. Descriptive Information for Pottery Samples: Surface Treatment Characteristics (continued).**

Sample ID	Pottery Series	Surface Treatment		Characteristics
		Exterior	Interior	
JMH048	Yadkin	Smoothed	Smoothed	Surface treatment on both interior and exterior is very smooth, burnished to a slight or moderate degree, but not polished.
JMH049	Yadkin	eroded stamped	Smoothed	Surface treatment is not clear in this small fragment.
JMH050	Yadkin	eroded stamped	Smoothed	
JMH051	Yadkin	Fabric Impressed; coarse weft-faced/ Paddle-edge Stamped	Smoothed	Surface treatment is paddle-edge stamped or coarse fabric; warp is 7 mm; weft is 1.5 mm, Z-twist, spaced 1 mm; exterior core oxidized, interior reduced.
JMH052	Yadkin/Hanover	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface treatment is weft-faced fabric; warps are about 7 mm and wefts about 1.5 mm; S-twist.
JMH053	Yadkin/Hanover	Smoothed-over Stamped	Smoothed	Surface is smoothed-over stamped; cord marked, parallel (oblique) 1.3 mm diameter, S-4 twists/cm. Sherd appears to be from basal area, probably cooking vessel. Some large (9 mm) lacunae in cross section suggest organic oxidized during firing.
JMH054	New River	Cord Marked; parallel, S-twist	Smoothed	Surface treatment is cord marking; cordage is 1.5 mm; S-twist; parallel or oblique arrangement; most cord impressions are smoothed over; interior is well smoothed.
JMH055	Yadkin	Cord Marked; parallel, S-twist	Smoothed	Surface is cord marked; cordage is less than 1 mm; S-twist; parallel arrangement; less than 1 mm space between; well smoothed interior, exterior very cleanly executed.
JMH056	New River	Fabric Impressed; spaced weft, overstamped <sup>g</sup> / Paddle-edge Stamped; S-twist	Smoothed	Surface is perpendicular overstamped fabric or, more likely, perpendicular overstamped cord-wrapped paddle. Cordage is 1.5 mm, S-twist, spaced about 1.5 mm.
JMH057	New River	Cord Marked; perpendicular/oblique, Z-twist	Smoothed	Surface treatment is perpendicular overstamped cord marked; cords are 1.5 mm, Z-twist, spaced 4 mm apart; overstamping is perpendicular, oblique.

**Table A.3. Descriptive Information for Pottery Samples: Surface Treatment Characteristics (continued).**

Sample ID	Pottery Series	Surface Treatment		Characteristics
		Exterior	Interior	
JMH058	Cape Fear	Fabric Impressed; fine weft-faced <sup>c</sup>	Smoothed	Surface treatment is fabric impressed, very fine (less than 1 mm) cordage weft widely spaced (3–4 mm) over wide (4 mm) non-cordage warp. Interior is very well smoothed. Sherd is moderately absorbent and relatively soft.
JMH059	Cape Fear	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface is weft-faced fabric impressed; weft cordage is 1.5–2.0mm, S-twist; warp is non-cordage, about 7.0 mm; space between wefts is about 1 mm. This context radiocarbon dated to AD 740±40.
JMH060	Hanover I	Fabric Impressed; flexible warp <sup>b</sup>	Smoothed	Surface treatment is fabric impressed, flexible warp; cordage weft is S-twist, 1.5–2.0 mm; closely packed weft; interior is well smoothed and reduced.
JMH061	Thoms Creek	Smoothed	Smoothed	Surface treatment is plain smoothed and there are three possible punctations. Punctate tool was partially hollowed reed.
JMH062	Cape Fear	Paddle-edge Stamped	Smoothed	Surface treatment is paddle-edge stamped, possibly decorative as area between impressions is neatly smoothed; warp is 5 mm; weft is 1.5–2.0 mm. Interior is very well smoothed. This would type as Cape Fear Fabric Impressed, although paddle-edge stamped.
JMH063	Hanover II	Fabric Impressed; medium weft-faced <sup>a</sup>	Fabric Impressed	Surface is fabric impressed; weft-faced over non-cordage warps. Warps are 3–4 mm and weft about 1 mm. This is a rim sherd; straight neck, slightly flaring lip with paddle-edge stamping on the interior. Lip is flattened by paddling with fabric stamp. Overall, sherd is thin and rather soft.
JMH064	Hanover II	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface is overstamped fabric impressed with warps of 4–5 mm and wefts of about 1.5 mm. There appear to be some cordage segments aligned parallel to the warp, but impressions are too faint to make out what is going on. Sherd seems soft.
JMH065	Hanover I	Fabric Impressed; flexible warp <sup>b</sup>	Smoothed	Surface is fabric impressed, flexible warp is 3–4 mm and weft is about 1 mm. This is the rim of a large bowl, with slightly incurved neck, well-thinned to rounded lip. Vessel appears to have been fired at low temperature, is soft, cracking apart, with poorly kneaded clay.

**Table A.3. Descriptive Information for Pottery Samples: Surface Treatment Characteristics (continued).**

Sample ID	Pottery Series	Surface Treatment		Characteristics
		Exterior	Interior	
JMH066	Cape Fear	Fabric Impressed; medium weft-faced <sup>a</sup>	Smoothed	Surface is impressed with weft-faced fabric on non-cordage warp (about 4 mm) and medium weft (about 1 mm). This is a rim sherd from a medium jar with orifice circumference of about 24 cm; rim appears to be straight and the lip is slightly flared, thinned, and very cleanly executed.
JMH067	Cape Fear	None	Smoothed	Surface is too badly eroded to determine precisely, but remnant paddle-edge or fabric impressions are just visible; this is a rim of a medium-sized bowl (22 cm) with incurvate neck and narrow rounded lip.
JMH068	Hanover	None	Smoothed	No surface treatment visible because of extreme erosion. Sherd is poorly mixed and kneaded, fired very low; falling apart.
JMH069	Cape Fear	Fabric Impressed; flexible warp <sup>b</sup> / Paddle-edge Stamped	Fabric Impressed	Surface treatment is fabric impressed or overstamped paddle-edge stamped. This is the rim of a very large jar; straight neck; flattened-stamped lip with slight stamping of the paddle edge down the interior.
JMH070	Cape Fear	Fabric Impressed; fine weft-faced <sup>c</sup>	Smoothed	Surface is impressed with weft-faced fabric executed on rigid non-cordage warp (3–4 mm), weft is narrow (1 mm). Warps (or paddle) are aligned obliquely to the lip (upper left to lower right). Sherd is very soft. Rim is straight; lip is stamped flat; interior is smoothed.

<sup>a</sup> Weft diameter 1–2 mm, interwoven over non-cordage warp.

<sup>b</sup> Coarse to medium weft-faced, interwoven over cordage or fiber warp.

<sup>c</sup> Weft diameter less than 1 mm, interwoven over non-cordage warp.

<sup>d</sup> Space greater than 5 mm.

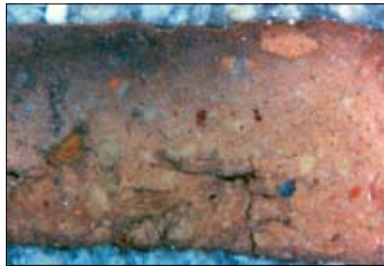
<sup>e</sup> Space less than 5 mm.

<sup>f</sup> Weft diameter greater than 2 mm, interwoven over non-cordage warp.

<sup>g</sup> Coarse to fine weft, spaced on non-cordage warp.



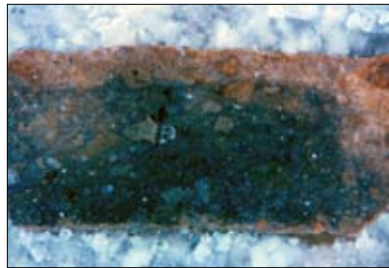
JMH001



JMH002



JMH003



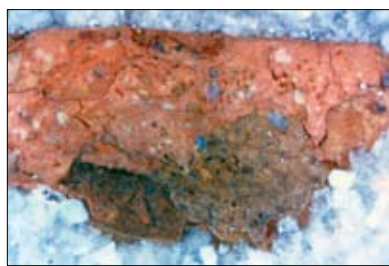
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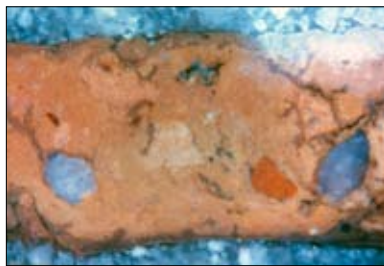
JMH005



JMH006



JMH007



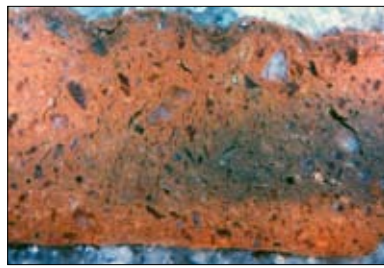
JMH008



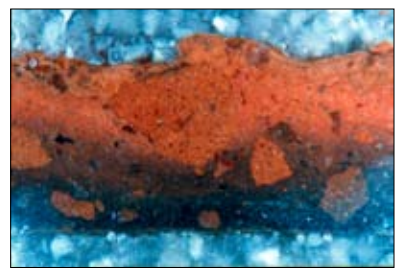
JMH009



JMH010



JMH017



JMH019



5 mm

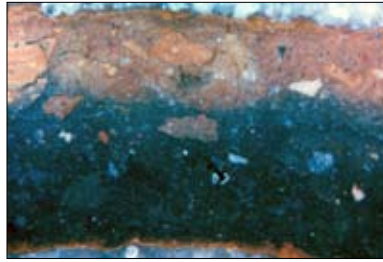
Figure A.1. Cross sections of pottery samples from Fort Bragg sites in the Lower Little drainage.



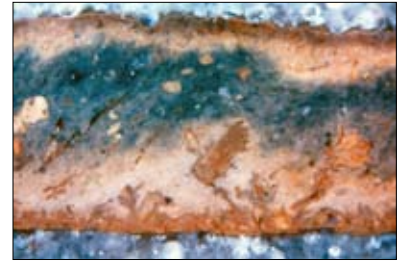
APPENDIX A: POTTERY SAMPLE DESCRIPTIONS



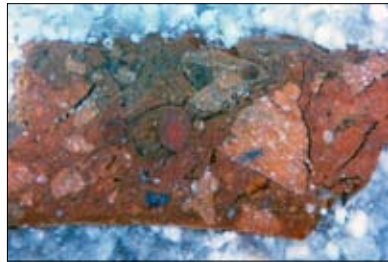
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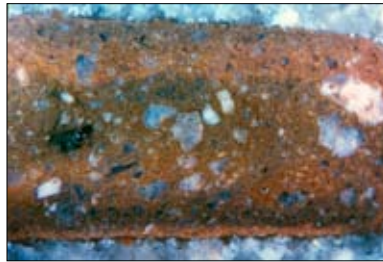
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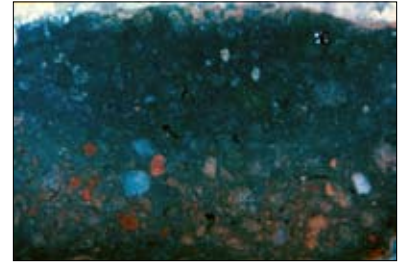
JMH013



JMH014



JMH015



JMH016



JMH018



JMH020

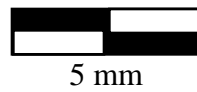
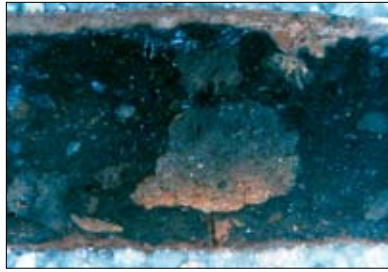
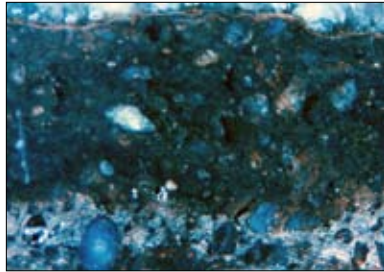


Figure A.2. Cross sections of pottery samples from Fort Bragg sites in the Drowning Creek drainage.

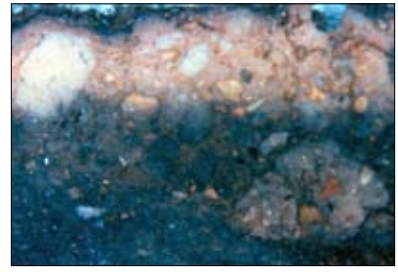




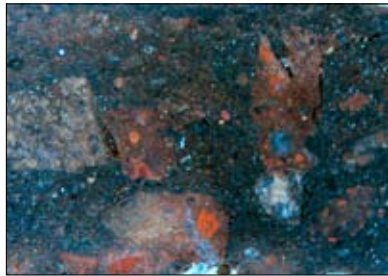
JMH021



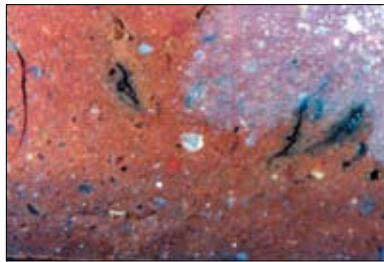
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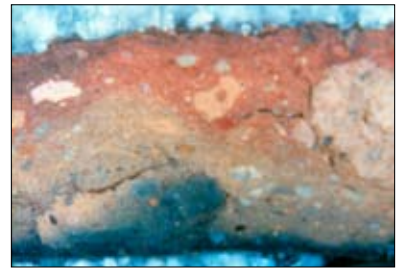
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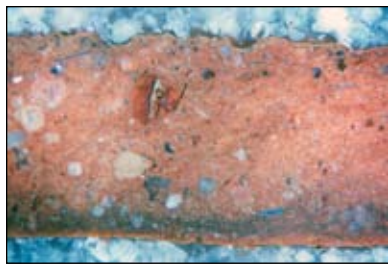
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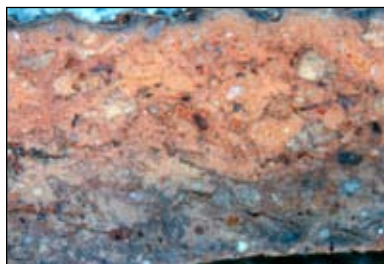
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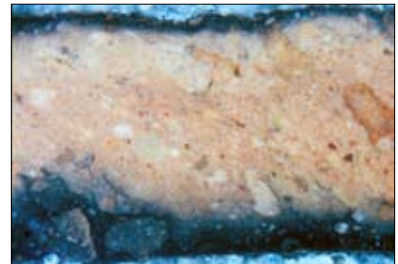
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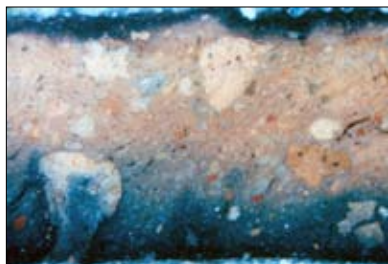
JMH027



JMH028



JMH029



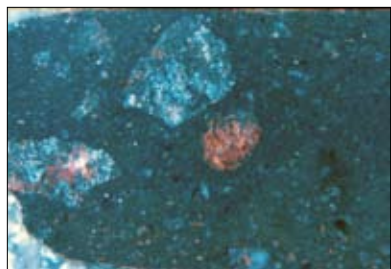
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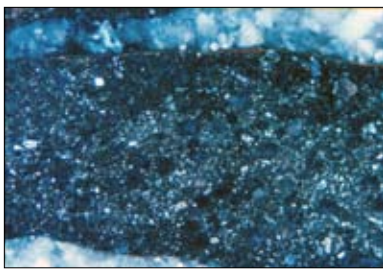
5 mm

Figure A.3. Cross sections of pottery samples from the Breece site in the Cape Fear drainage.

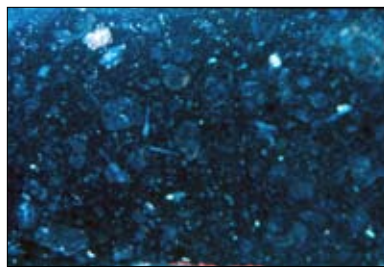
APPENDIX A: POTTERY SAMPLE DESCRIPTIONS



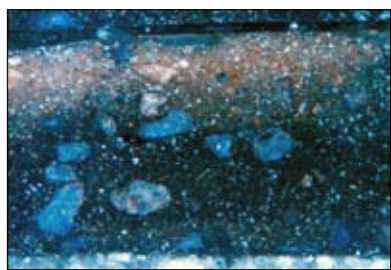
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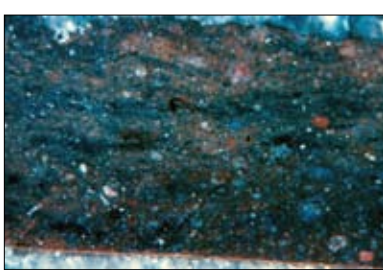
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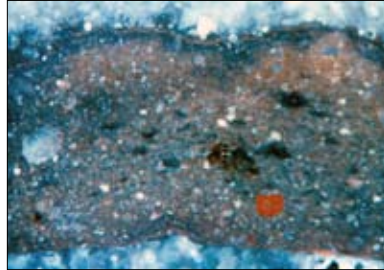
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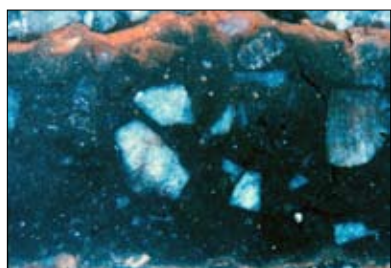
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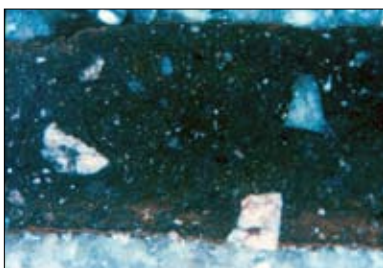
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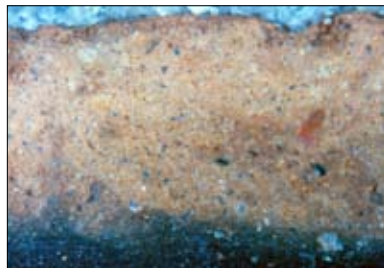
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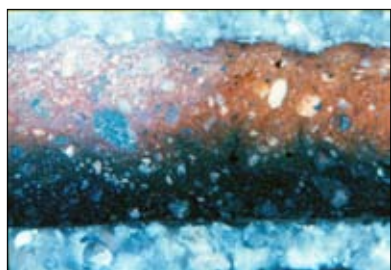
JMH037



JMH038



JMH039



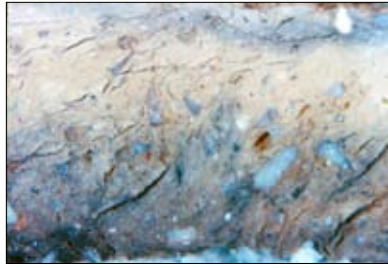
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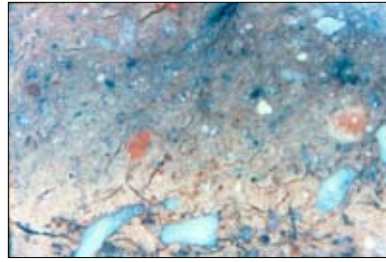
5 mm

Figure A.4. Cross sections of pottery samples from the Doerschuk site in the Yadkin drainage.

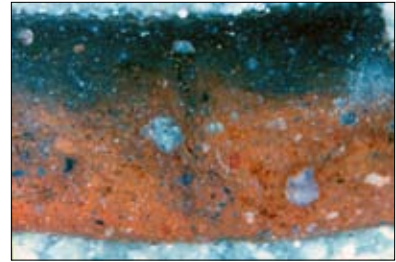




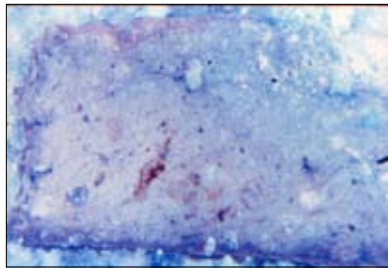
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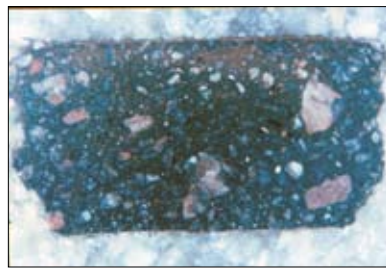
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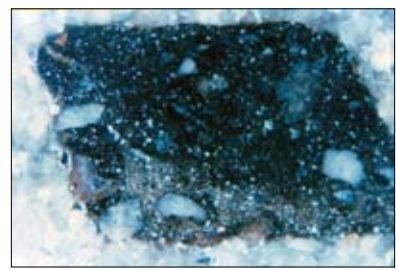
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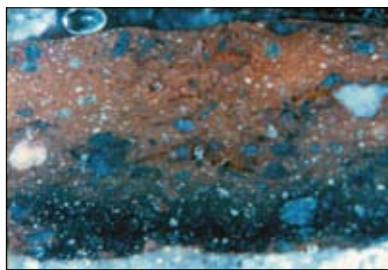
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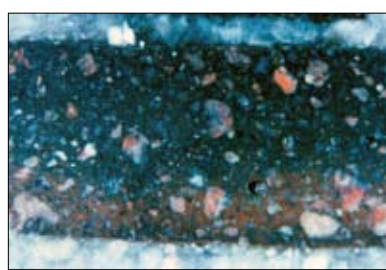
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JMH046



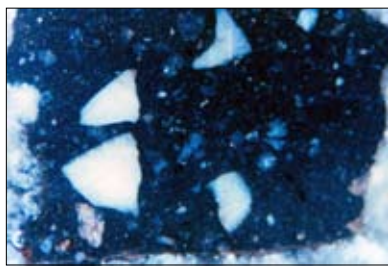
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JMH048



JMH049



JMH050



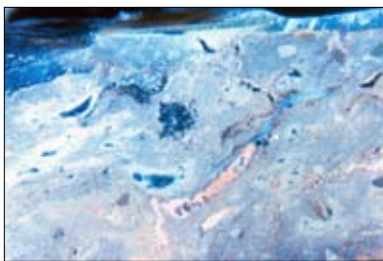
5 mm

Figure A.5. Cross sections of pottery samples from the Haw River site in the Haw drainage.

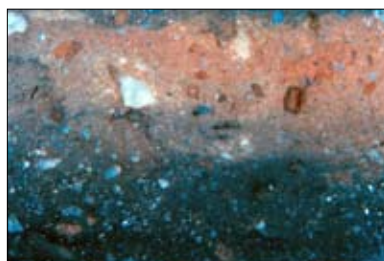
APPENDIX A: POTTERY SAMPLE DESCRIPTIONS



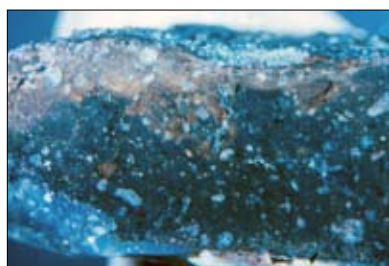
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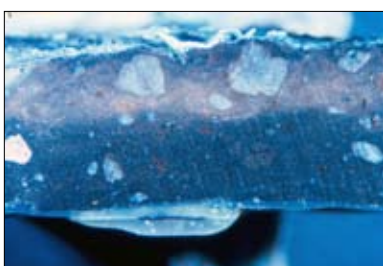
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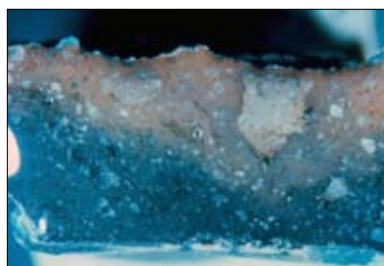
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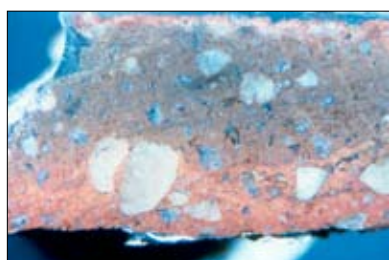
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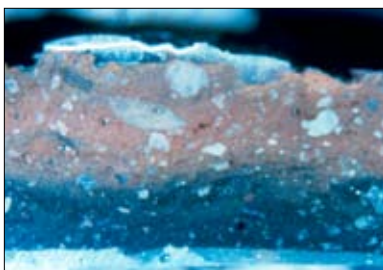
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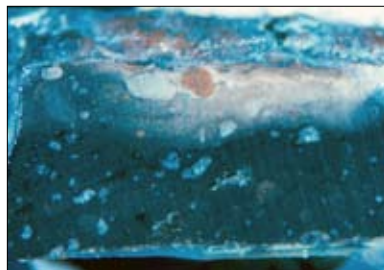
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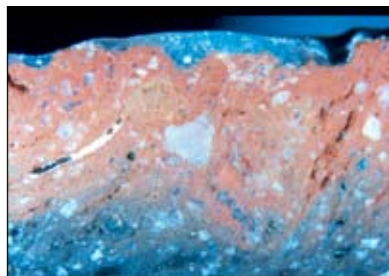
JMH057



JMH058



JMH059



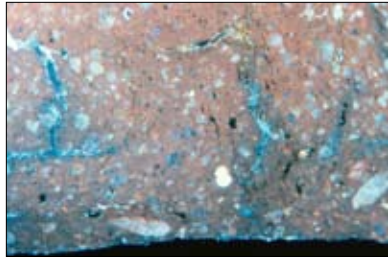
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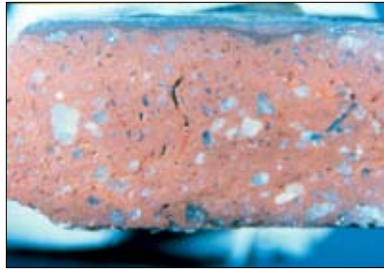
5 mm

Figure A.6. Cross sections of pottery samples from the Kolb site in the Pee Dee drainage.

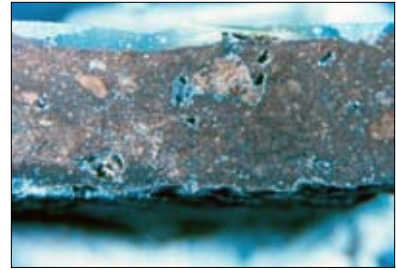




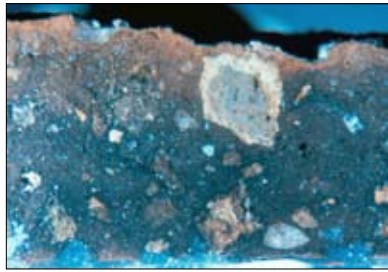
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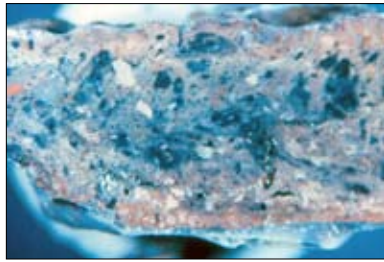
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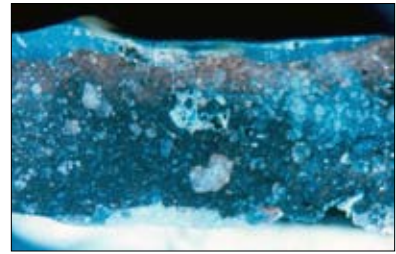
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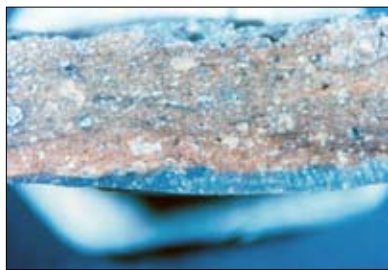
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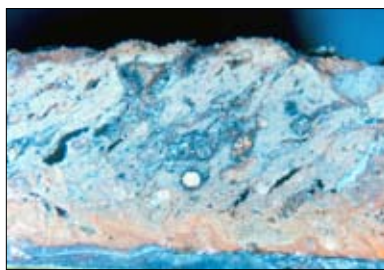
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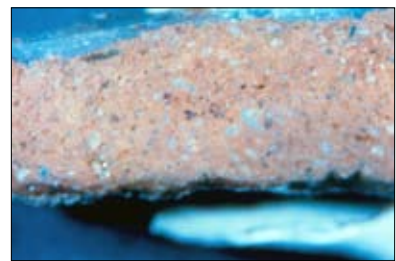
JMH066



JMH067



JMH068



JMH069



JMH070



5 mm

Figure A.7. Cross sections of pottery samples from the Waccamaw site in the Waccamaw drainage.