Figure : Table 2

18CU171

CSC#1 :

Lithic Analysis

Sq. No	Lithic material	Point type	Proximal width	Blade Length	Stem length	Comment LW
252	Pebble Jasper	Madison	18.5 cm	22.5	—	Δ point LW
63	"	Madison	17 cm	30 cm	—	Δ point-elongated. LW
79	Quartz	Lavanna	29 cm	39 cm	—	Δ point LW
197	Quartzite	Savannah River Stemmed	32 cm (shold)	45 cm	— ?	L.A. Point. no stem
71	Quartzite	Guildford	16. cm	69 cm	—	complete. M.A
176	"	Blank	29 cm	60 cm	—	Flake Based cache Blake. Archaic.
175	Jasper	Madison	18.5 cm	22 cm	—	Δ point. LW
171	Quartzite	Holmes	23 cm	51 cm	15 cm	L.A.
	Quartz	Calvert-like	20 cm	22 cm	12 cm	co convex blade outline with straight stem. EW

Accuracy: | Quan. | S | Sq. 89 | #55 | -2

② = 1%

18CV171. unclassified

CSCI TABLE 4

P.C.P Quan.	P.C.P Square	(mNI) (mCI) Nuckle by Quan.	Nuckle by Square	Rapphanid R.I Quan.	Rapphanid R.I Square	R.F.I 0 Quan.	R.F.I 0 Sq.	Y.P. Quan. 1	Y.P. Sad 6	Y.P. ~~Nuckle by~~ Con. Qu.	Y.P. Con. Sq.	YP Con. Qu.	YP Con. Sq.
1	287	1	64	1	130	3	32	1	7	2	104	1	313
1	389	1	98	1	135	1	33	1	13	1	93	1	325
		1	118	1	187	1	28	1	14	1	107	1	354
		2	132			1	52	1	15	4	108	2	387
		1	139			2	53	1	29	2	109	1	389
		1	366			1	54	1	30	2	110	1	390
						1	55	3	32	1	125		
						1	73	3	33	1	128		
						1	89	4	34	3	132		
~~Breakdown~~						2	92	1	36	4	134		
						1	96	1	37	3	136		
						1	97	1	42	1	137		
						1	98	1	50	2	138		
						1	101	1	51	1	139		
						1	104	1	52	1	146		
						1	111	3	53	4	163		
						1	117	3	54	1	157		
						1	123	2	55	1	159		
						1	127	1	64	1	174		
						2	136	1	68	2	178		
						1	138	1	72	1	179		
						1	149	1	73	13	249		
						1	157	1	91	1	269		
						1	291	5	92	3	289		
						2	293	1	96	4	292		
								1	98	1	310		

TOTAL ② = 1% ⑦ = 4% ③ = 2% ③1 = 20% ⑪ = 71%

RS: Random Sample
DIS: Discretionary

18 CU 171 PLOWZONE

UNIT #	RS/DIS			Qtz	Qtzite	Jspr	Chert	Rhyolite	Points	Listons
14 A	RS									
14 B	DIS									
28 D	RS									
33 D	RS									
52 A	DIS									
52 B	DIS									
52 D	DIS									
53 B	DIS									
53 C	DIS									
56 B	RS									
72 B	RS									
72 C	DIS									
72 D	DIS									
88 D	RS									
90 B	RS									
91 B	DIS									
91 D	DIS									
92 C	DIS									
98 A	RS									
113 A	RS									
115 B	RS									
126 C	RS									
129 B	RS									
131 C	RS									
139 B	RS									
145 A	RS									
153 B [A]	RS									
155 B	RS									
160 A	RS									

18 CU 171 .... PLOWZONE UNITS

292 A		DIS
292 B		DIS
292 C		DIS
292 D		DIS
293 A	RS	
308 A	RS	
311 A	RS	
311 D		DIS
312 A		DIS
312 B		DIS
312 C		DIS
312 D		DIS
313 A		DIS
314 B		DIS
327 B	RS	
333 D		DIS
334 C		DIS
334 D		DIS
335 D		DIS
344 D	RS	
354 C	RS	
369 C	RS	
371 C	RS	
388 D	RS	
392 C	RS	

RS = 42

DS = 42

Total = 84

170 C	RS	
178 A	RS	
188 B	RS	
189 A		DIS
192 C	RS	
195 A	RS	
204 B	RS	
208 C		DIS
209 B		DIS
214 D	RS	
227 B	RS	
228 A		DIS
229 B	RS	
229 C		DIS
233 C	RS	
245 C	RS	
248 D		DIS
249 B		DIS
249 C		DIS
258 C	RS	
266 C	RS	
270 A		DIS
270 B		DIS
289 D	RS	
290 A		DIS
290 D		DIS
291 A		DIS
291 B		DIS
291 C		DIS
291 D		DD

27
~~15~~
42

Dry Screened

Feature 249 F

F-1

		Water Scr.	Dry S
Ceramics -			87
Rappahnk. -	thin shell tempered plain body (larger than 1/4")	11	
" -	" Plain rim cord marked neck		4
? -	incised neck/rim shell tempered cord marked body		3 94
? -	small gravel, v/y "corded" decoration		2 96
Thick Rappa plain ~~Mockley~~ -	plain - shell tempered		3 98
Potomac Creek ~~Accokeek~~ -	plain -		1 101
			5
daub -	larger than 1/4" dia.	5	10

Lithics

fire cracked rock	-	quartzite	4
Secondary flakes		quartz (chunky)	2
primary flake		quartzite	2

Faunal

gastropod	1
mammal -	12
bird -	1
Soft shell clam ?	2

18CV171

check figures

hand excavated

84 sqs.

average depth .25 m

84 x 2m x 2m x .25m = 84 cubic meters

61,023.35 x 84 = 5,125,961.40 cu. in. = 2,966.4 cubic ft.

39.36^3 = 61,023.35

1,728. cu ft

± 3000 cubic ft of excavated area in 2x2's

Stripped area

48 m x 24 m = 1152 sq. m

4 m x 28 m = 112 sq. m

1264 sq. m. x .25 m (depth) = 316 cu. meters

61,023.35 cu in x 316 = 19,283,378.60 = 11,159.36 cu. ft of stripped area

---

area of field

Assume ditch .5 meters x 1.25 meters
wide at the top from original construction

$.5 \times 1.25 = .625\ m^2$

$\times \underline{44}$

$27.5\ m^3$

Length of ditch $\underline{44}$

Volume of ditch $36.96\ m^3$

.84

3 meter high palisade

.2 m thickness

96 m length of palisade

$.6\ m^2$	$.6\ m$	
96	78	(less 16 m area of double wall)
57.6 m	46.8 m^3	

Field

61 – 20 x 20 m

61 x 400 = 24,400

1104 Total 2X2 squares

84 squares average

144
12
288
144
1728

39.36 20 cm
39.36
1550.36
x39.36
61,023.35

2X2 X .25m = cu m x 84 = 84 cubic meters

1728 ⟌61,023.35 = 35.31 cu. ft.

39.36⟌61,023.35 1550.39 cubic ft.

316
4⟌1264
-4
24

37.

6
36 x .8
.8
28.8 cubic ft

39
84
116
232
2436

48
24
192
96
1152

14CU171

CSCI table 5 Clark

Type Name	Quantity	Percentage	No of squares	
Potomac Creek Plain	2	1%	2	
Accoheek Cord Impressed	2	1%	2	
Mockley Cord & Net Impressed	7	5%	6	
Rappahannock Incised	3	2%	3	
Rappahannock Fabric Imp.	31	20%	25	
Yeocomico Plain	111	71%	58	
TOTAL	156	100%	N/A	

Table 1

18CU171 ①

CSC1 = Ceramic Analysis.

Sc No	Thickness	Exterior Surface	Decoration	Temper	Leached	Unleached	Type	Comment	
33 ✓	8 mm	Fabric	0	Shell	✓		RFI	orange ext Brown int.	
	6.5 cm	Smooth	0	"	✓		YP	TAN BUFF INT & EXT.	
	6.5 cm	"	0	Shell & Sand	✓		YP	" "	
	6. cm	"	0	" "	✓		YP	" "	
29 ✓	7.5 cm	Smooth	0	" "	✓		YP	ORANGE EXT Brown int.	
32 ✓	7.0 cm	Smooth	0	Shell		✓	YP	Brown BUFF EXT. BUFF-INT	
	9.0 cm	"	0	" sand		✓	YP Basal	Ext. Brown	EXT BUFF
	7.0 cm	"	0	" & "		✓	YP	"	Brown
	—	—	—	Shell		✓	— (Rapp)	BUFF	BUFF
	6.0 cm	Fabric	0	"	✓		~~Rapp~~ RFI	GRAY	Brown
	7.5 cm	~~Smoothed over Cord~~ Fabric	0	"		✓	~~SCCI~~ RFI	"	Light Brown
30 ✓	4.5 cm	Smooth	0	"		✓	YP	Brown	Brown
89 ✓	—	—	—	Sand			Accokeek	—	—
	—	—	—	Shell		✓	Rapp. ?	ORANGE	—
28 ✓	7.0	Fabric	—	Shell	✓		RFI larger shell size	~~Light~~ Brown	grey
36 ✓	6.5	Smooth	0	" & sand		✓	YP	Light Brown	Light Brown
34 ✓	7.5	"	0	" "	✓		YP more sand than shell	"	"
	8.0	"	0	Shell		✓	YP	BUFF	BUFF
	7.0	"	0	Shell	✓		YP	TAN	TAN
	—	"	0	Shell + Sand	✓		YP	Brown	—
37 ✓	6.5	"	0	Shell	✓		YP	ORANGE	Brown
42 ✓	6.0	"	0	Shell + Sand	✓		YP	BUFF	BUFF
50 ✓	7.0	"	0	Shell	✓		YP	Brown	Brown
51 ✓	6.0	"	0	" & Sand	✓		YP mostly sand	Dark Brown	Dark Brown
52 ✓	6.5	"	0	Shell	✓		~~YP~~ Rap mostly shell	grey	Buff
	5.5	"	0	Shell & sand	✓		YP mostly sand	Dark Brown	Dark Brown

Sq No	Cm thickness	Exterior surface	Decoration	Temper	Leached	Un Leached	Type	Color Int	Color Ext	Comments
53	10.0	smooth	—	shell & sand	✓		YP	BR	TAN	Base
	8.0	"	0	" "		✓	YP	TAN	TAN	
	8.0	Fabric	0	shell		✓	RFI	OR	OR	
	8.0	smooth	0	shell & sand		✓	YP	D. BR	D. BR.	
	8.5	—	0	shell		✓	Ropp—	GRY	TAN	
54	7.0	Fabric	0	shell	✓		RFI	GRY	GRY	used shell
	7.5	smooth	0	shell & sand		✓	YP	BUFF	BUFF	
	7.5	"	"	" "		✓	YP	"	"	
	5.5	"	"	" "		✓	YP	BR	BR	
55	6.0	"	"	" "	✓		YP	"	"	
	7.0	Fabric	—	shell	✓		RFI	GRY	"	
	7.0	smooth	"	shell & sand	✓		YP	BR	BR	
64	11 cm	net	—	shell	✓		MNI	BUFF	BUFF	—
	6.5	~~Fabric~~ smooth	—	shell & sand	✓		YP	BR	BR	
68	8.0	smooth	—	" "	✓		YP	OR	OR	
72	7.0	"	—	shell		✓	YP	"	"	
73	8.0	Fabric smooth	—	shell & sand	✓		RFI	WHITE	WHITE	
(49)	8.0	"	—	" "		✓	YP	GRY	OR	
91	7.0	smooth	—	" "	✓		YP	BR	BR	
92	8.0	Fabric	—	shell	✓		RFI	BUFF	BUFF	
	7.0	smooth	—	shell	✓		YP	"	"	
	6.5	"	—	shell & sand	✓		YP	TAN	TAN	
	6.0	"	—	" "	✓		YP	BR	BR	
	8.0	Fabric	—	shell	✓		RFI	BR	OR	
	7.0	smooth	—	shell & sand	✓		YP	TAN	OR	
	6.5	"		shell	✓		YP	GRY	OR	

Sq. No	Thickness	Exter Surf.	Decoration	Temper Shell	Temper Sand	Leached	Unleached	Type	Color Int	Color Ext	Comment.
96	6.0	Fabric	Incise	✓		✓		RI	Gry	BR	Incised with tick incised at base
	7.0	Smooth	—	✓	✓		✓	YP	Br	BR	
97	—	Fabric	—	✓		✓		RFI	—	OR	
98	12.5	Net	—	✓		✓		MNI	GRY	GRY	dark grey
	7.0	Fabric	—	✓		✓		RFI	OR	OR	
	6.5	Smooth		✓	✓	✓		YP	"	"	
101	6.0	Fabric	—	✓	✓	✓		RFI	GRY	BR	
104	8.5	Smooth	—	✓			✓	RFI	BR	BR	Base
	5.0	"	—	✓			✓	YP	Buff	TAN Buff	
	6.0	"		✓	✓		✓	YP	Br	BR	
93	10.5	Net	—	✓		✓		MNI	TAN	TAN	
107	8.0	Smooth	—	✓	✓	✓		YP	BR	D. BR.	
108	5.0	"	—	✓		✓		YP	Br	BR	
	6.5	"	—	✓	✓	✓		YP	TAN	TAN	
	6.0	"	—	✓	✓	✓		YP	BR	BR	
	—	"	—	✓	✓	✓		YP	—	—	
109	6.5	"	—	✓	✓		✓	YP	TAN	TAN	
	—	—	—	✓	✓	✓		YP?	—	—	
110	5.0	"	Rim/plan	✓	✓	✓		YP	Buff	Buff	
	5.5	over Fabric "	—	✓	✓	✓		YP	Br	BR	
111	7.5	~~Cord wrapped Fabric Stick~~	~~Cord wrapped Stick~~	✓	✓	✓		~~RCH~~ RFI	Br	Gy	
117	8.0	Fabric	—	✓			✓	RFI	Gry	TAN	Good example.
118	11.0	Net	—	✓		✓		MCI	OR	OR	
123	7.0	Fabric	—	✓		✓		RFI	OR	GRY	
125	5.0	Smooth/scraped	—	✓	—		✓	YP	OR	OR	scrap marks
127	7.5	Fabric	—	✓	✓	✓		RFI	BR	BR	- transitional.
128	8.0	Smooth	—	✓	—	✓		YP	BR	BR	
130	7.0	—	Incised R-15 squares	✓	✓	✓		RI	Br	Br	sand in temper, large shell R-15 probable bauxite identical.

Sq. No	Thickness	Exterior Surface	Decoration	Temper Shell	Temper Sand	Temper Leached	Temper Unleached	Type	Color Int	Color Ext	Comment
132	12.0	Wet	—	✓		✓		MRI	OR	OR	massive shell
	9+	—	—	✓		✓		MNI!	"	—	"
	7.0	Smooth		✓		✓	✓	YP	OR	OR	
	7.0	"		✓	✓	✓		YP	BR	TAN	
	5.0	"		✓	✓	✓		YP	BR	BR	
134	7.0	"	—	✓	✓	✓		YP	Buff	Buff	
	7.0	"	—	✓		✓		YP	BR	BR	
	6.5	—	—	✓			✓	YP	"	"	
	—	—	—	✓	✓		✓	YP?	—	—	-
135	7.0. Rim - 9.5	Smooth.	Incised Applied Rim	✓	✓	✓		RI?			
136	6.0	"	—	✓		✓	✓	YP	BR	BR	
	7.0	—	—	✓	✓			RFI	GRY	BR	
	6.5	Smooth	—	✓	✓	✓		YP	BR	BR	
	6.0	"		✓	✓		✓	YP	OR	OR	
	—	—	—	✓	—	—	✓	RF?	BR	—	
137	—	Smooth	—	✓	—	—	—	YP	[illegible]	BR	
138	6.5	Fabric smoothed.	—	✓	✓		✓	RFI	BR OR	BR OR	- Also
	7.5	Smooth		✓	✓	✓		YP	BR	BR	
	5.0	"		✓	✓	✓		YP	TAN	TAN	
139	6.5	Smooth	—	✓	✓	✓		YP	OR	OR	
	9.0	Cord	—	✓		✓		MCI	OR	OR	
	6.0	—	—	✓	✓	✓		RF?	—	—	
146	7.0	Smooth	—	✓	✓	✓		YP	Buff	Buff	
149	8.0	Fabric	—	✓	✓	✓		RFI	BR	BR	
155	7.0+	?	—		✓ OR Z			Accokeek	OR	OR	
163	6.5	Smooth	—	✓		✓		YP	TAN	TAN	
	5.5	"		✓		✓		YP	OR	OR	
	9.5	"		✓	✓	✓		YP	"	"	
	6.0	"		✓	✓	✓		YP	"	"	

Sq. No	Thickness	Exter surf	Decor ation	Temper Shell	Temper Sand	Leached	Un Leached	Type	Color Int	Color Ext	Comment
157	6.0	Fabric	—	✓	✓	✓		RFI	BR	Gry	
	7.5	Smooth		✓	✓	✓		YP	TAN	TAN	
159	6.0	"		✓		✓		YP	Buff	Buff	Rim
174	6.5	"		✓	✓	✓		YP	BR	BR	
178	7.0	"		✓	✓	✓		YP	BR	OR	
	8.0	"		✓	✓	✓		YP	OR	BR	
179	5.0	"		✓	✓	✓		YP	BR	BR	
187	7.0	"	Incised	✓	✓	✓		RI			
249	7.0	"	—	✓	/	✓	✓	YP	BR	BR	From Feature
	6.5	Burnished		✓	~	✓	✓	YP	"	"	
	6.5	Smooth		✓	~	✓	✓	YP	"	"	sweedying
	6.5	"		✓	/		/	YP	"	"	
	"	"		"	"		"	"	"	"	
	6.0	"		"	"		"	"	"	"	
	6.0	"		"	"		"		"	"	
	5.0	"		"	"		"	"	"	"	
	7.0	"		"	"		"	"	"	"	
	6.5	"		"	"		"	"	"	OR	
	6.0	"		"	"		"	"	"	BR	
	6.0	"		"	"		"	"	"	"	
	6.5	"		"	"	"		AR	Gry	Gry	- diff vessel.
269	7.0	"		✓	✓	✓		YP	Gry	BR	
287	6.0	"			X			PCP	OR	OR	
289	5.5	"		"	"		"	YP	BR	BR	
	6.5	"		"	"		"	YP	"	"	
	6.0	—		"			"	YP	—	—	
291	8.5	Fabric		"	"		"	RFI	BR	BR	

Sq. No	Thickness	Exter Surf	Decoration	Temper Shell	Sand	Leached	Un Leached	Type	Color Int	Ext	Comment
292	7.5	Smooth	—	✓	✓	✓		YP	Gy	Br	
	7.5	"	—	✓		✓		YP	"	"	
	7.0	"		✓	✓	✓		YP	—	"	
	6.5	"		✓	✓	✓		YP	Gy	BR.	
293	10.0	Fabric	—	✓		✓		RFI	OR	OR	early Repp Fabric
	10.0	Fabric	—	✓		✓		RFI	OR	OR	
310	6.5	Smooth		✓		✓		YP	Tan	TAN	
313	7.0	"		✓	✓	✓		YP	BR	BR	
325	8.0	"		✓	✓	✓		YP	BR	BR	lot of sand.
354	8.0	Fabric Smooth		✓	✓	✓		YP	TAN	BLACK	
366	7.5	Net		✓		✓		MNI	Br	Br	late modeling
387	7.5	Smooth		✓	✓	✓		YP	Br	Br	
	4.0	"		✓		✓		YP	"	"	
389	5.0	"			Sand			PCP	Tan	Tan	X
	6.0	"		✓		✓		YP	"	"	
390	6.5	"		✓	✓	✓		YP	"	"	
6	7.0	"		✓	✓		✓	YP	Red	Red	
7	5.5	"		✓			✓	YP	Gray	Tan	
13	6.0	"		✓	✓	✓		YP	Br	BR	
14	7.5	"		✓		✓		YP	ORY	BR	
15	7.0	"		✓	✓	✓		YP	Gy	BR	

Oct 4.

n=129
Sm
20 min 10 or 11

Per Henry Miller 9/21/86

- normal distribution
combined F-1 / F-2 for size no difference in populations in size

- selecting medium sized - slightly larger selection

clear water - radial ridges / pinkish - shallow / clear water
- inter-tidal

20-27 mm - 3 year old oysters

H/L ratio
firm bottoms -
some silt mixture - selecting from "one environment"
similar habitat
> 1.3 is sand oyster - firm high sand
well packed
mostly bed oysters
< 2 - channel oyster - silt, tall oyster

use mean rather than median

---

some suggestion big oysters are not available -
moderate salinity

small proportion of mud worms - not super muddy bottoms

Seasonality - mixed -
strongest indicators late fall + spring collection -
real preliminary - estimate

Epi-faunal - 1/2 nothing all at
1/2 small diora few maybe polydora