VOL 2

ENGINEERS'

FIELD BOOK

No. 3

18 MO 1 Hughes Site

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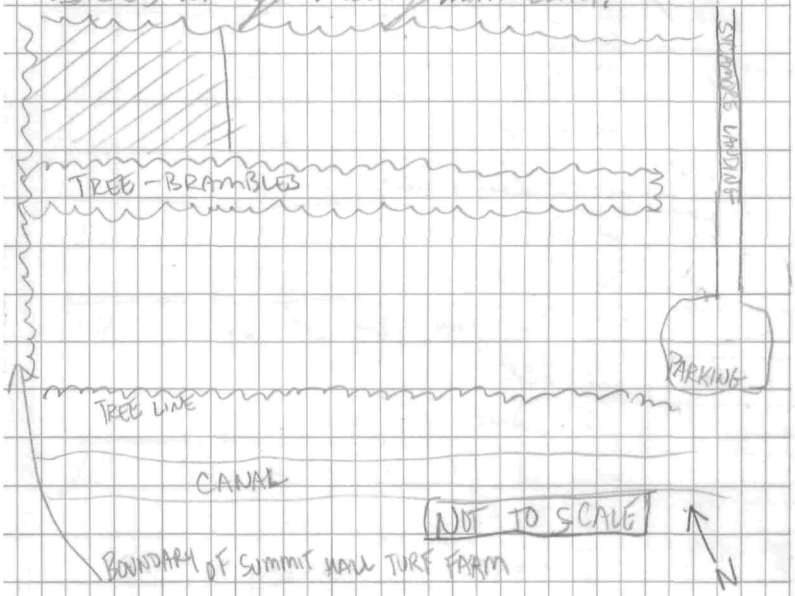
This Field Book contains special paper which is impregnated with resin to make it substantially stronger as well as water resistant. Your field notes will come out sharp and clear even when the page is wet.

Made in U. S. A.

5/5/90

Joe & I dug test pits at the site — The area we can excavate this summer (in Antiquities permit) is the far $\frac{1}{3}$ of the second field from the canal at the end of Sycamore Landing road in the Mt Joe-Bishop Wildlife Management area.



Shovel test pits were dug approx 5m. from south tree line starting from East boundary of study area. The first 11 TPs were dug at 5m. intervals, 12-23 dug at 10m. intervals

Shovel Test Pit Results

TP 1 - 2 Q Flakes - near surface

5m. 1 Q FL - near soil change

2 1 Q FL

2 CER

1 grooved pebble

3 1 CER

11 FL

4 2 CER

MANY FL.

Large flat cobbles

5 2 CER

13 Q FL

1 Poss rough stone tool

6 6 CER

5 BONE

23 Q FL

7 18 Q FL

7 CER

1 CHARRED HICKORY NUT

CHARRED WOOD

→ lots of stuff between P2 + subsoil

8 2 CER

9 FL

1 FCR

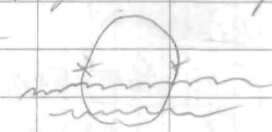
TP

9	15 FL	
	4 CER	
	1 FCR	
10	10 FL	
	1 CER	
	1 BONE	
11	6 FL	50 m. mark
[10 m. interval]		
12	4 FL	
	2 CER	
	FCR - ?	
13	1 CER	
	16 FL	
14	8 Q. FL	
	1 CH. FL	
	RODENT BONE	
15	16 FL	
	1 CER	
	1 BONE	
	1 TOOL (LIT.) FRAG	
16	17 FL (SMALL)	[100 m.]
	1 CER	
17	14 FL - Strange Quartz - poss. heated	
	2 CER	
	1 PIECE JASPER	
	FCR - ?	- lots of Cobbles

18	23 FL
	7 CER
	FCR? – lots of cobbles
*19.	33 FL
	9 CER (1 large)
	7 BONE
20	9 FL
	2 CER
	FCR-?
21	5 FL
	1 CER
22	1 FL
23	1 FL

[170 m.]

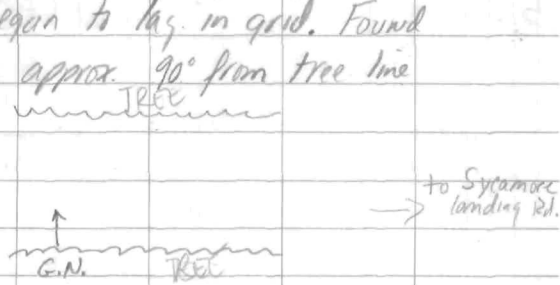
Will begin investigations around 2 areas of artifact concentration (TP 7-19). These are possibly the outer perimeters of the circular site –



Field measures approx. 40m tree line to tree line.

5/14

Joe & I began to lay in grid. Found grid north axis approx. 90° from tree line allignment –

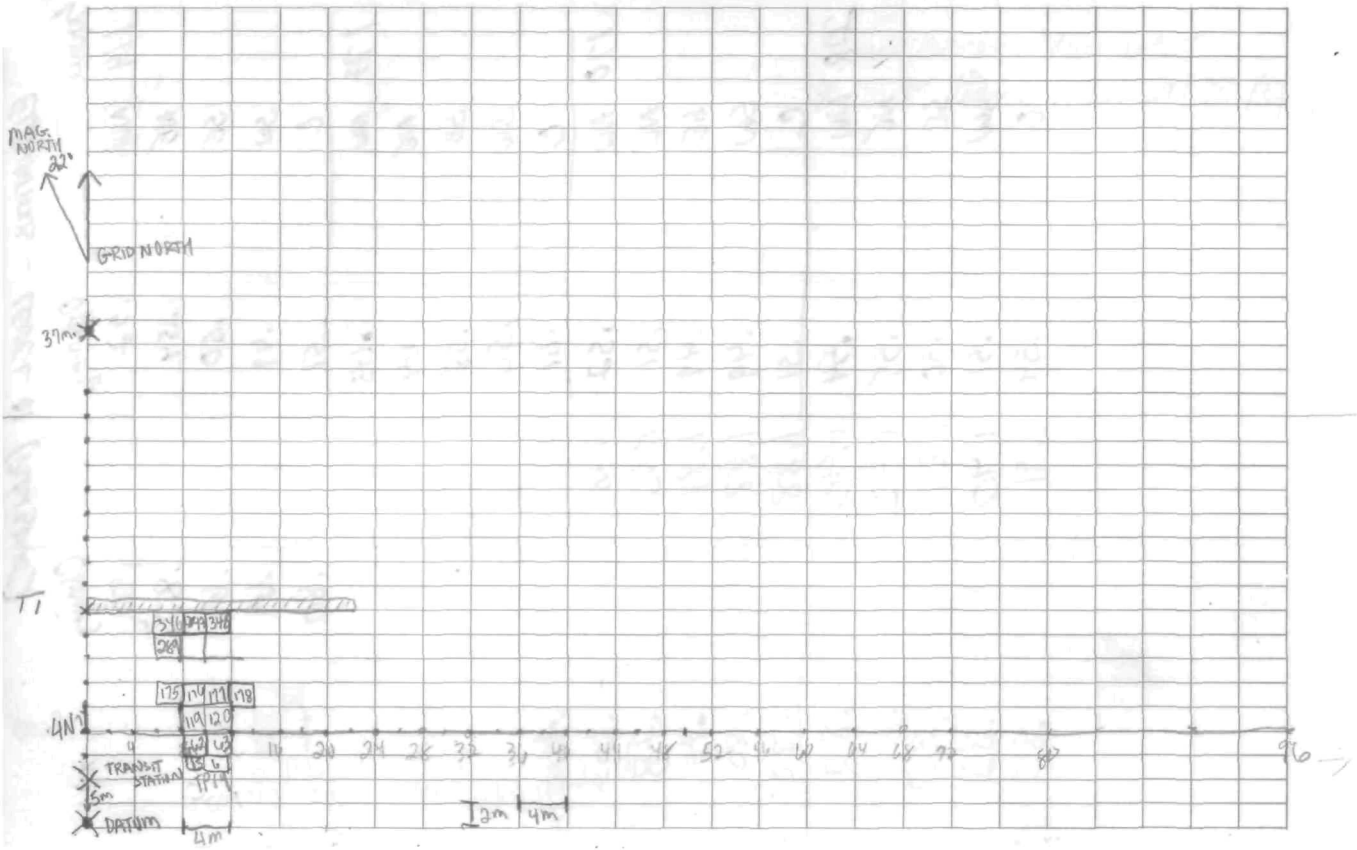


5/15 Sq. 6N 8E & 6N 10E
8N 8E 8N 10E
EW laid in line to E114 – ca. 4m past TP 7 (area of concentration)

5/16 Begun excavating sq.s 6N 8E (#119), 8N 10E (#177) 6N 110E (170). & 8N 112E (228) –

#170 & 228 located between TP 6 & 7.

Arrived at site ca. noon. Laid out second set of squares at eastern end of grid. Opened 2 units at each end (119 & 177 at west end – near TP 19; 170 & 228 at east end near TP 7)


MAG. NORTH
22°
GRID NORTH
37m
T1
346
289
348
175
176
177
178
119
120
4N
4
16
20
24
28
32
36
40
44
48
52
56
60
64
68
72
80
96
TRANSIT STATION
5m
DATUM
4m
2m
4m

ELEVATIONS - LEVEL 01 (PLAN 3ONE)

Square		Opening		Closing	
119	NW	.52		.50	
	NE	.54		.82	
	SE	.50		.69	
	SW	.49		.69	
	C	.51		.80	
177	NW	.63			
	NE	.64			
	SE	.58			
	SW	.56			
	C	.61			ADJUSTED
X 170	NW	.52	1.88	1.08	.80
	NE	.51	1.86		.78
	SE	.49	1.84		.76
	SW	.49	1.88		.80
	C	.51	1.88		.80
228	NW	.54	1.90		.82
X	NE	.55	1.92		.84
	SE	.50	1.88		.80
	SW	.51	1.90		.82
	C	.54	1.91		.83

Site map con't.

Square numbers run west to east beginning w/ 2N 0E (sq 1)

110

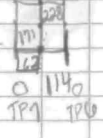
4N_96

228

171

62

0 114 0



TP7 TP6

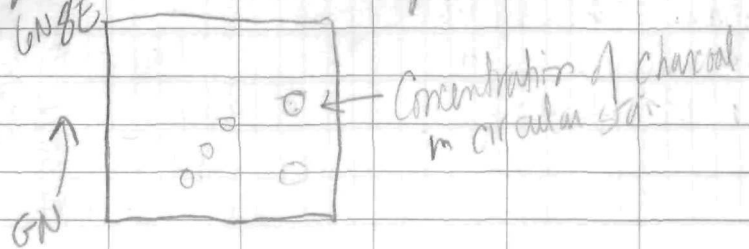
114E - end of plotted grid

Good day – rained a little at first, but made good progress. The units are rich – especially 119 & 177 at west end. Lots of artifacts – flakes, sherds, bone (one possibly worked) & one triangular quartz point from Sq. 119.

teams – 119 – Bill R., James G. (GL) & Ghida (GO)
177 – Dan W (DW), Joy S. (JS) & Ann will join them
170 – Estelle H. (EH), Leslee P (LP) & Michael S. (MS)
228 – Vince M (VM), Jeff G (JMG) Jeanne (TC)

5/18

Got through level 01 (Plowzone) in square 119. Appearance of stains – possibly post molds in western half of unit.



Square 177 (8N 10E) just about down to subsoil. Found lots of bone — also large roundish stain w/ concentration of charcoal in SW corner of unit —

× Bone beamer fragment in same area.

Hit subsoil at betw. 24-26 cm below M.G.S. (Sq 177)

[Absent - Jeff, Estelle, Ann]

Sq. 170 - coming down on subsoil - ca. 28-30 cm. B M.G.S

5/21

Did not work on 177. Opened new square 62 adjacent to 177. Closed level one in squares 228 and 170. Found 4 possible post molds in 170 and 1 possible in sq. 228 — mapped-in (drawing). No laser transit readings. No immediately apparent pattern. Still in level one

in 62. In Sq. 177 - down to
level 2 - 3 possible post molds

POST MOLDS		INST. HGHT. 1.06m ELEVA	(CALCULATED)	N	E
# 1	107	(1.93)	.87	3.63	109.95
2	107	(1.93)	.87	4.96	110.30
3	107	(1.93)	.87	5.09	110.25
4	107	(1.92)	.86	5.10	110.96
5	228	(1.95)	.89	5.44	111.99
6	"	(1.95)	.89	5.65	111.99
7	"	(1.95)	.89	5.77	112.03
8	"	(1.96)	.90	5.94	112.22
9	"	(1.96)	.90	6.84	112.19
10	"	(1.97)	.91	6.68	112.71
11	"	(1.97)	.91	6.87	112.96
12	177	(1.97)	.91	7.29	10.40
13	"	1.97	.91	7.21	11.38
14	"	1.97	.91	7.32	11.41
15	"	1.92	.86	6.44	11.40
16	"	1.92	.86	6.34	11.64
17	"	1.92	.86	6.39	11.85
F-1		1.90		6.28	10.49

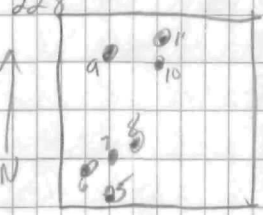
5/23

Rained yesterday, but managed to take coordinates and depths for postmolds in 170 & 228 & 177 (F1-17). Not much other progress – spent rest of day in the lab.

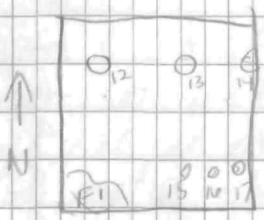
SQUARE 170

(NOT TO SCALE)

SQUARE 228



SQ 177



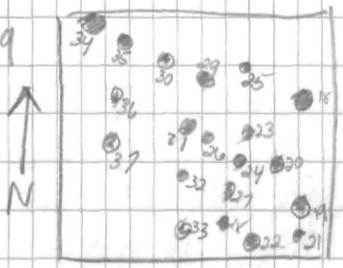
Feature 2 – Sq 170, LEV 2 –
POSSIBLE PIT IN S.W CORNER
ELEV. – .94
CENTER PT. – 75-50 cm-? –
3.88 N not full, exposed
110.46 E

PM – SQUARE 119 – P.18-37

#	N	E	ELEV	DIAM
18	5.24	9.62	.79	13
19	4.44	9.63		11
20	4.80	9.52		7
21	4.13	9.68		6
22	4.07	9.36		5
23	5.04	9.30		6
24	4.94	9.28		5
25	5.63	9.28		6
26	5.09	9.14		7
27	4.65	9.15		8
28	4.42	9.02		12
29	5.41	8.95		6
30	5.60	8.81		9
31	5.151	8.72		8
32	4.94	8.90		7
33	4.50	8.68		6

	N	E	EL.	DIA
34	5.92	8.31		6
35	5.75	8.52		6
36	5.41	8.46		12
37	5.04	8.37		7

SQ. 119



5/24 AM Progress

Sq. 62 - Closed level 1 at beginning of mottled level - rather than taking it down to subsoil. Possible that mottled level is living surface.

119 - Cleaned off - PM 18-37 - photographed

177 - Down to subsoil (Beg. Lev 2)

178 - Working on Lev. 1 - will stop and change levels at mottled area

170 - On level 2 - possible pit (F2) - unusual concentration of quartzite flakes in center of

square. - Will keep digging til we find no artifacts

228 - Getting ready to cross-section postmolds and close square — Hardly any artifacts.

CLOSING	ELEV.
NW	.97
NE	.99
SE	.97
SW	.96
C	.98

5/25

Yesterday we closed 228 and cross-sectioned postmolds. P 5,7,8,9 were good - others proved false.

Sq. 170 - Continued to dig til we stopped recovering artifacts. Fairly large concentration of quartzite flakes in level 2 (subsoil) - mostly in central portion of unit. Bottom ele. [.95].

Cross-sectioned postmolds - only P#2 was good.

Feature 2 turned out to be a rodent trail - crossed off feature list.

Closed 170

TRENCH

Opened at east-west transect between 14N & 15N. – approx 25 m long. – Attempt to uncover stockade line on west side of site.

[921-0089 John Willey]

Sq. 178 – recorded postmolds and Feature 4 (PM # 50-56)

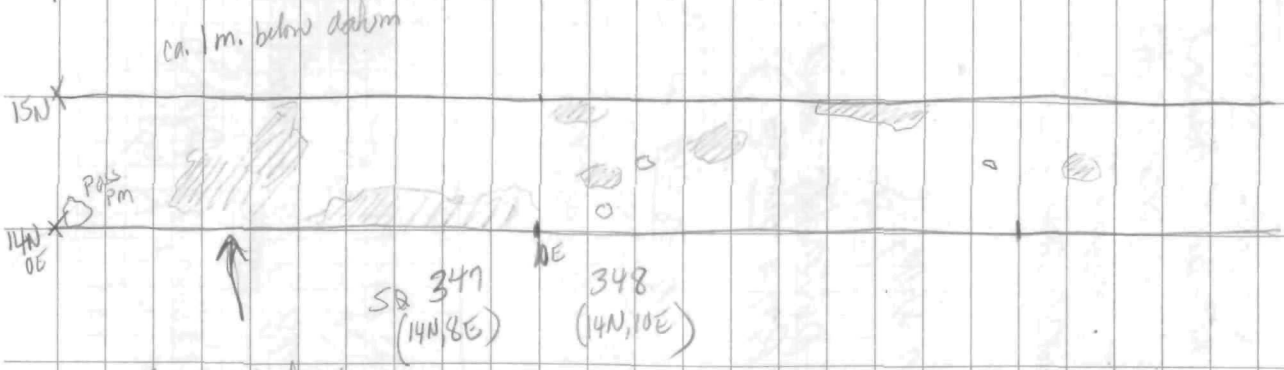
Sq. 62 – record PM 38-49 & Features 2 & 3 – apparent curved alignment of postmolds –

Retake bottom elevation for PM 2

Numbers of Sq 178 PM drawing

Cross-section drawing of PM 2

TRENCH



From west, first 12 m. much darker - more organic than remainder of trench. Possible pits. Possible that eastern extension was a vs-compacted area - habitation area - darker area periphery.

5/30 Traveled down trench. Opened sq. 347 + 348 adjacent to trench. — Closed lev. 1, sq. 63 — down trav. lev. 2 — more possible post molds

5/31

Trench — extended to 30 m. (14N 30E)

347 + 348 — closed level 1. — Finding extension of dark soil seen in trench — lots of bone + charcoal + large ceramic sherds. Several points found in 348 — also a small grooved stone pendant — with groove around tip —

Sq. 63 — mapped FM 57-85 — also F5 — seems to be extension rodent disturbance as well —

Sq 176 — opened

Sq 120 opened

6/1 Sq 347 – Lev 2 –
3 apparent features –

F 6? – lots of material –
unburned + burned bone, charred
sherds, charcoal ...
8 – possible burial pit

6/4 - Sq 347 - hold at bottom of lev 2
" 348 " " " " " "

Sq 346 - opening lev. 1

Sq 176 - coming down on lev. 2
" 120 " " " " "

S 346 - concentration of red powdery stuff in NW corner - seems to concentrate at interface of levels 1 & 2

176 - postmolds & small pit-like feature

120 - fairly large area of burnt dirt, ash, charcoal, burned bone

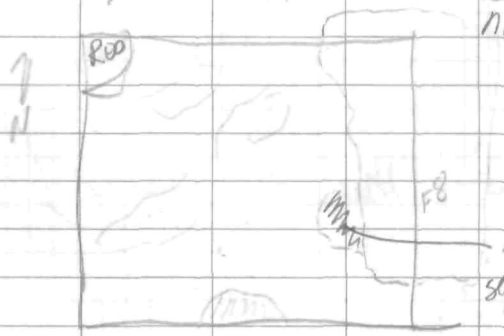
open sq. 5

[Leslie absent Mac & Dave came out]

6/5 - Closed & mapped 176 + 120
Open Sq. 6

6/6 Open - Sq 175

Square 346 - down to level 2-3
interface - mapping in progress.
Confusing unit - lots of irregular
dark areas - possibly disturbed
by previous excavations (fingers) -
Possible outer stockade line - but
I think it is doubtful -
Continuation of feature 8 from Sq 347 -
but not quite so distinct and
regular - (from memory) -
no clear post mold.



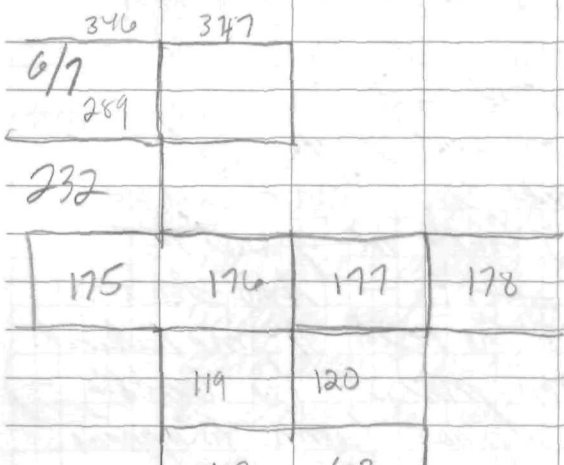
Sq 5 & 6 —

Distinct concentrations of red powdery substance found in northern portions of squares at interface of P2 and mottled level. Don't know what it is — could be clay, but it's not sticky like clay (doesn't ball up when wet). Could be ground red sandstone — ? — Also don't know if it's the result of some natural soil formation process (i.e. leaching —) or if it's cultural. Seems to appear at the level where larger features become apparent — which suggests cultural origin. Possibly. Joe suggested they were the remnants of prepared floors —

Same red substance has appeared in other squares, but not in such concentrations.

Closed Lev 1 in Sq 5 & 6 — mapped in red areas & possible P.M & Features — will trowel down other

areas to see if rod spreads
at a lower elevation —



6/7 Opened — Sq. 289

Sq. 346 — finished mapping level 2-3,
F 8, 17, 18 —
Mapped F8 — cross-sectioned
northern third — Appears to
be a shallow basin-shaped pit —
not a lot of material, but more

than expected — little flecks of charcoal, bone fragments, sherds & flakes —

Sq 5 & 6 —
Troweled down around red areas to see if it extended at a lower level — did not appear to. Red areas, however, were deep (several cm.) — probably not a floor surface. — Several stemmed pts found in Sq 6 Lev 2 — Also several large cobbles possibly associated with a hearth/feature in south wall.

Sq 175 —
Closed Lev 1 (too deep in north third of unit) — encountered red substance in lower level 1. No features apparent yet.

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Hagerstown, Md. 21740

301-739-7257

(Fred. Com College)

IH = .90
(1.97, 2.03, 1.96, 2.02, 1.96
1.07 1.13 1.06)

6/11 Sq 175 - closed Lev 2 - mapped
Sq 6 - " " "
Sq 5 - mapped mid lev 2 -
still in Lev 2
Sq 289 - Lev 1 - coming to
Lev 2

Open - Sq 7
Sq 6A (south) E-W line -
[-0N, - E]

Sq 5 - Closed lev. 2
Sq 289 " lev 1 - extension of
F17 in north area of unit. Lots
of bone - much of it worked -
generally similar to 346 - apparent
scatter of charcoal, flakes, bone, ceramic
no discernible pattern.

6/12 Sq 289 - Closed lev 2
Sq 7, 6B - Closed lev 1
Sq 5B open

- found human bone in 6B -

6/13 Sq 289 - finished mapping
6B - more bone - large
pieces of what appears to
be cord-marked, grit tempered ware
Area concentrated in SE portion of
unit

Well pedestal when distinct

Open - Sq. 232

Sq. 7 - Closed Lev. 2 - - rather - mapped in PM 194-220 mid Lev. 2 - few cm. higher than Sq. 6 - will take it down a little lower

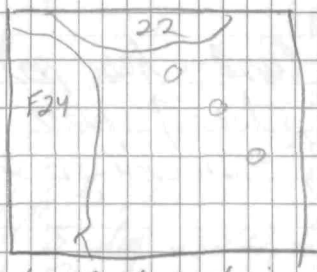
Sq. 5B - still in Lev. 1 - finding lots of small bone fragments, sherds, flakes + fairly large chunks of charcoal - also at least one large cobble near NE corner

6/14

Sq 232 - in Lev 1
Sq 7B - opening
6B - digging Lev 2 - pedestal F 24 + 22
5B - closing Lev 1 - trying to define rest of F24

Joe - re-trowelling excavated squares - replace flags w/ washers

Sq 6B – Possible arc of postmolds apparent at bottom of lev. 2 →



possibly continued in Sq 5 – Not much material in Lev 2 in either 6B or 5B – seems to be below living surface –

Sq 232 – closed Lev 01 – strange stain in SW corner – another amorphous stain in east-central area – no p.m. apparent yet

6/15 Sq 7B - open - closed Lev 1 BR LP JRG
Sq 5B - closed Lev 2 - mapped EH MS
Sq 4 - opened - DW CJ GO GIL
Sq 232 - closed Lev 2 & mapped VM TC JMG

Possible circular house pattern along northern edges of squares 176, 177 & 177 - possibly continued in 232

6/18

Sq 232 - open - MS EH Jeff TC + CJ
Sq 4 - closed Lev 1 - DW GO GIL VM
Sq 7B - closed Lev 2 & mapped -

Not much showing up in Sq 4 - no evident features, etc.
Sq 232 - lots of charcoal & bone - margins of areas of concentration not yet visible

Strange ground & pecked rock found on feature in sq. 7

6/19 Sq 4 - DW, GO, VM
232 - MS, Jeff, JS, JRG, LP
63B - open BR, EH, TC, GIL

Sq 232 - large irregular areas of dark soil, charcoal, bone, sherds — flagged mid-level 2 - no distinct outlines of pits/features. Continued to dig rather than pedestal these areas in order to uncover postmolds possibly aligned w/ those in 178, 177, etc.

Sq. 4 - large stain - possible rodent trail - post mold - possibly aligned w/ arc in sq. 63B

6/20
Sq. 235 - opened - MS, JMG, MS, JS

Sq 4B opened - DW, GO, TC, GIL

63B - down to LEU 2 - defined large feature (stain area - possibly related to 22) - Pedestaled.
LP + EH

6/28

Sq 233 MS + JMG —
almost level w/ surrounding
2-3 levels — stopped and
mapped square. Almost
whole area covered w/ scattered
of dark soil, char., etc. —
one possible pm — others
possibly observed by stain —
will continued to dig a while —

Sq 4 - closed Lev 2 mapping VM DW GO

Sq 63B - in Lev 1 - closed
[see preceding page]

Phila Sister joined us

6/21

Sq 4B - DW, JRG, GO, GIL, TC - in Lev 1

Sq 235 - MS, VM, JRG, JS - in Lev 1

Sq 63B - in Lev 2 - trying to define feature

[Strategy at present to trace out 2 possible hoop patterns - One in 6B, 5? + 4? - One in 178, 177, 176 - possibly 233 + 289]

Sq 234 - opened GO, JMG, MS

6/22

mapped yesterday

63B - Photographed - Closed BR, EH

4B - in Lev 2 DW GIL TC

235 - Coming down to bottom of Lev 2 JS, VM, JRG

233 - in Lev 1 LP, GO, MS

64B - opened

4B - needs to be traveled again, but looks like nothing — disappointing

6/22 Evening — List in front of Ralph Fort's notebook:

Shepard
Horsepen Creek
Beaver Dam
Seldon Is
Whites Ferry
Lickesville
Foster White Site 1, 2, 3
Heaters Is 1-8
Heaters Farm 1-11
Catoctin Creek —
Little Creek
Antietam Creek #12
Williamsport #13

[possible key to artifact labels]

Islands
Lowes Is 1-1
Sharpshin Is. 1-2
Tenfoot Is. 1-3
Vandebenner Is 1-4
Selden 1-5
Harrison Is. 1-6
Jenkins 1-7
Mason 1-8
Heater Is. 1-9

Bald Eagle Is. 1-10
Maryland Is. 1-11
Catfish Is 1-12
Knotts Is. 1-13

Dan Fout 694-1244
2-10pm M-F

Went to Burkittsville w/ Joe + Jan where we met up with Dave Foultz — who introduced us to Dan Fout. Dan's father, Ralph, "worked" with Mick Yinger in the 1950's. The preceding list of sites are the sites (probably not all the sites) that Ralph worked on. Dave thought thought that maybe he had worked at the Hughes site — thus the introduction. But I don't think Ralph actually did much of anything there — although it's possible that the "Horsepen Creek" site that Ralph talked about is 18MO1. — Dan showed us most of what is left of Ralph's notes and collections. The collections are rather a mess — poorly labeled

or not labelled at all — or labelled by a system for which there is no key. But the notes could be valuable for locating sites and reconstructing previous "excavation" —

Dave Fortz also brought photographs (obtained from 2 dif. sources) showing various Yinger excavations. The originals are labeled on the back — designating site, date, etc. The photos we saw were without that info. Dave said he will give us a set when the info has been transferred. — Most of the photos were of burials. Again, it did not appear that any of the photos were taken at the Hughes site — but it's possible. —

Fort was apparently working w/ Nick Yinger in the mid 50's. Evidently they had some connection with T D Stewart at the S.I. — and were planning to open a museum. Fort did some work w/ Stewart (& MacLord)

at Nanjemoy.

Fort was killed in a canoe accident while in the service — apparently trying to locate a site along the Merrimac River. He was 25, I think, when he died.

Dan said he had given the "nicer" objects to a small museum in Brunswick for display.

6/25 Monday

4B - DW, GIL, TC — mapping LEV 2-3
64B - BR, EH, LP — in LEV 1
234 - GO, VM, MS - nearing LEV 2
235 - JS, JRG - in LEV 3

4B - mapped LEV 2-3 - only 3 postmolds - dug a little into LEV 3 - nothing showed
236 - opened DW, TC, GIL, JS, GO

6/26

64B - BR, EH, LP, VM, JMo - About to close Lev 1 - so far nothing notable about unit - 2 features pedestaled

234 - MS, JRG - in Lev 2 - No features evident so far - mapped + closed

236 - DW, GO, JS, TC, GL - in Lev 1

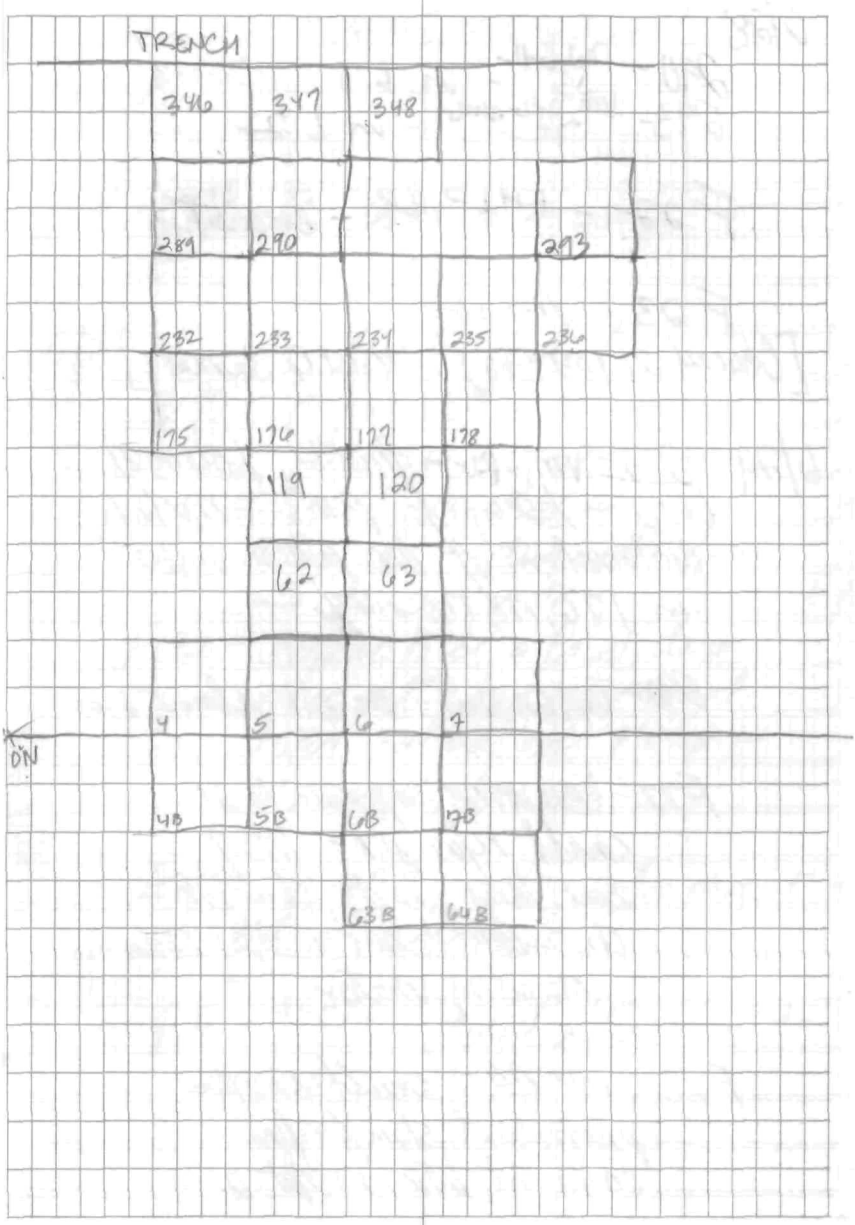
293 - opened - MS, JMo, TC + GO

6/27

64B - BR, EH - mapping LV 2-3

236 - DW, JS, GL - about to map 2-3

293 - in LV 1


TRENCH
346
347
348
289
290
293
232
233
234
235
236
175
176
177
178
119
120
62
63
4
5
6
7
ÖN
4B
5B
6B
7B
63B
64B

6/28

290 - DW, GIL, JS - in L.1
293 - VM, JRG, JMG, TC - in L 2

F 22 - EM, LP, BR - excavating

F 23 - MS & GO "

[Channel 21 (Md. Cable) & Mont. Co. Journal]

6/29 293 - VM, JRG - trowelling bottom of Lev 2 - looking for P.M.s - mottled, continuation of arc pattern visible in 176, 177, 178 & 236 -

290 - DW, GIL, JMG - on L.1 - almost L.2

F22 - EM, LP, BR - appear to be small refuse pit - lots of bone, large sherds, charcoal - distinctly darker & softer than surrounding matrix

F23 - GO & MS - small, shallow ephemeral stain / refuse - contained little except a

turtle shell - almost complete, but in pieces

F5 - JS & TC - began to excavate —

[6/29 Last day of field school]

End - 290 - MS & GO still in Lev 2

293 - Closed Lev 2 - one possible post mold aligned w/ arc - nothing else - dug a little further into Lev 3 - nothing

F22 - appears to be a fairly deep refuse pit - have not reached bottom - already over 1' deep - larger sherds, bone, etc. —

F23 - completed. Shallow refuse deposit - not much material

F5 - JS & TC - small refuse deposit - shallow - - -

F 113 - (mislabeled - will remain F 113 - photed as such) - appears to be hearth or hearth refuse deposit - lots of charcoal and charred corn cobs. Removed one small piece and left remainder - will complete excavation next week. -

7/5

Jo & I worked on F 22 - appears to be a good size, unusually rich refuse pit. Found a variety of bones - deer + bird, at least - and found what appears to be most of the pieces of a large pot - shell tempered, cord-marked - classic Keyser ware. We have also collected sufficient charcoal for a C14 date. -

So far we've been working on the north half of the pit. We will excavate the south half

and remove matrix for flotation.
Have not yet reached bottom of pit — already well over 1' deep

7/6
Finished excavating north side of F22 — elevations taken, cross-section drawn. Continued to find large quantities of charcoal + bone — also sherds, but fewer large sherds (as large as those we found 7/5). Pit is approx. 2' deep

7/7 Joe & I took out remainder of F22 (approx ⅓). No surprises — more of the same — charcoal, bone, sherds, some lithics, antler — material from southern portion labeled F22 S. Pit is ca 67-73cm in diam. + 63cm deep. Photographed + closed.

Visited Dave Foltz on Summit Hill property — MU field school is excavating a site close to 18MO106 — appears to be multi-component Archaic — woodland site. One possible feature. They came over to see 18MO1

F35 (43B), 37+38 (64B) 28-32 (7B)
F 2+3 (4B) 24 (58+63)

7/8 Went out to site alone today. Troweled down, photographed, drew plan views & set cross-section strings for Features 24, 35 & 28-32. Took all day — very peaceful to be out there alone. It was a productive day. —

F 24 (where we found possible human bone) looks more and more to me like it may be a pit similar to F22 — sort of circular & rich w/ charcoal & bone. Seems like all these features have been truncated by plowing — the uppermost part spread making it difficult to define before getting through some of the material.

F 35 — large, very dark & loose but without the concentration of material — Also oblong in shape

F 28-32 — all look like small smudge pits — dark, small circular stains w/ charcoal & some bone, etc. —

7/10

Went out to the site without Joe — met Bob Norton and Edie B. (?) — who Mike Johnson lined up to volunteer for a day. Mac was there screening the back dirt from the trench — bagging material by 1 m. segments. He had been out there yesterday as well and will probably return tomorrow. — Bob, Edie + I took all the necessary transit readings for F24 + 35. We all started on F24 — then I moved over to F35. —

F24 — Bob + Edie dug to about 25cm in depth. — Does indeed appear to be a circular pit w/ a fair amount of material — charcoal, bone, flakes + some large sherds — altho not as rich as F22. — They stopped when Bob hit what appears to be a large pelvic bone — possibly/probably human.

F 35 – I removed approx. 10 cm from feature. Consistently dark loose matrix w/ some Charcoal, bone, small sherds, flakes & pt. fragments – but noticably less concentrated than in F22 or F24. Appears to be continuing down – possibly an oblong or rectangular pit – ? – We'll see. –

Very hot – mid 90's & humid –

7/12

F24 – human bones ca 33cm below feature surface

Joe & I –

Worked on F 24 – Bones encountered 7/10 definitely human. Excavated south portion of pit to same level. Defined outline of pit. Encountered more bone and ceased excavating.

Pit contained disarticulated remains of at least two individuals. Found 2 jaw bones - One large, probably adult male. Lost several molars long before death, remaining teeth in good condition. Second jaw much smaller - possibly female adult or juvenile. Also uncovered 2 femurs - both probably from the same individual - lieing directly next to each other but placed in opposite directions (lieing diagonally vertically in pit).

Fill contained moderate amounts of charcoal ('nuff for sample dating collected), sherds, flakes & animal bone. Possibly these were unintentional inclusions in the fill dirt. Did not appear to be a refuse pit. Nor did we encounter any material likely to be grave goods (altho the pit was only partially excavated). Fill appeared to be somewhat mixed: dark organic-rich dirt & reddish brown clayey subsoil.

1/13

C.D. Cox (703) 435-3685
Edie Baird 642-5748
Preston McWhorter 941-3502
Bob Norton 491-4067

Volunteers ↑

Cold, rainy day - almost didn't stay, but then the volunteers showed up.

F35 - Edie & Bob. Went down about 30-32 cm & encountered human burial, looks like it's a single primary interment - possibly flexed - resting on side. Head oriented to West. Fill was dark, loose matrix w/ charcoal, bone & sherds - probably inclusions in original fill. No apparent grave goods or intentionally placed materials

F 37 - CD - small stain - very shallow - possibly single episode smudge hearth. - Completely excavated. No samples, no photos. - Pedestal also taken down to unit level -

F 38 Preston - similar to F 37 - excavated to limit of unit - Charcoal sample taken

F 29 - CD - Took out east section - appeared similar to F 37 + 38. Took out west section and encountered large square flat rock - apparently modified. Left it in place until other F (28, 30-32) are excavated. Charc & flotation samples.

F 28 - CD - small hearth area with deeper portion - Fair amount of animal bone & Charcoal. Not complete

F 30 - CJ started -
Excavated east portion -
nothing too remarkable.

Short day - it was yucky
left field around 2:15

4/17
A History of The Valley
Kerchavel

Lib Cong - Rare Books Rm -
Maryland - Indians -
1649-1650 - on the lam
from Eng Civil war -
Earliest account of
Md Indians

Dave Foltz dropped by -
Mac was screening trench fill

Joe & I got a late start - and spent a good deal of time bailing out the site and pulling plastic to let it dry out after several days of heavy storms. The worst and wettest part of the site is the south end - where we've been excavating features. It's pretty gummed up - I'm afraid we might have lost some post molds.

While Joe worked on cleaning up the site, I continued work on F28-32 - the cluster of small hearth-like features in Sq 7B. -

F29 - Had excavated eastern portion last week - began on western side and uncovered a large flat rock - obviously modified around the edges but probably not ground on the visible side. Pulled it up today - other side was also modified around edges and the center area had been pecked. Don't rightly know what it is.

Excavated area underneath and found that it was sitting on top of a small circular pit. The fill was loose and dark and contained small bits of charcoal, bone, flakes and one rhyolite triangular point. At the bottom were several small cobbles set around the edge. The lining looked like clay subsoil - not particularly hard or reddened as if it had been burned. Don't know if it was a small storage pit or if it was actually used for cooking — or what. Curious. — The whole thing needs to be plotted and drawn as it was not visible earlier —

F 30 — Continued excavating western portion of feature. Appears to have been a small circular shallow hearth. Fill contained some charcoal and burned bone. Lining appears somewhat hardened and reddened and there were bits of what looked like burned dirt and clay in the

fill and on the edges

7/18

Jo worked on N-S profile — Sq 64B, 7B, 7, 63, 120 — west wall.

I worked on F28-32 cluster —

F28 — Similar to 29 but not so well defined — Circular pit with lots of bone, flakes and charcoal.

F31 — Small circular depression/pit — w/ charc, ash, bone, flakes, a few sherds — Lining seemed hardened and reddened

F32 — Small circular depression w/ loose dark fill but almost no charc. or material.

Matrix surrounding all these F28-32 — is mixed dark loose material w/ more clayey subsoil — typical of Level 2 — but slightly redder

harder & seemingly with more bits of Charcoal in darker soil. Lots of worm action & some root disturbance. It was difficult to define with precision the limits of these features, although I feel fairly confident of their general circular shape and depth (esp. F28, 29 & 31).

7/19

F 33 (S.4)
2 & 3 (62)
19, 20, 21 (175)
14, 15, 16 (176)
1 (177)

Estelle & Bill came out today — good productive day. —

I finished all paper work for F28 + 32 & 37. Then excavated F19 (SQ 175) — doesn't look like much — except possibly a postmold. Started on F20 — small, but appears to be chock full of burned corn &

charcoal — will continue tomorrow.

F33 - Estelle - finished. Looks like could be a rodent trail - possibly a burned root scar. Very deep - filled with ash and charcoal but not much else. Was not completely excavated & not cross-sectioned as it looked so much like rodent disturbance. Trail appears to curve off to side near bottom of excavation. Evidence of other areas of disturbance in same sq (4).

F3 sq 62 - Bill completed. Small circular shallow basin-pit w/ a very few artifacts and charcoal.

F2 - Bill started - found nice hammer stone —

Joe worked on N-S profile
Mac at trench fill —

7/20

F2 - Bill & daughter Hanna completed. Small refuse pit — not too remarkable

F14, 15 & 16 - Estelle - mapped. — F14 excavated. Probably rodent disturbance

F20 - CS - Completed. Looks like small ash pit - lots of charcoal & corn & ash - no artifacts

F21 - CS — not much - probably rodent disturbance —

F35 - Estelle, Bill & Hannah worked on concreasing burial - Exposed skull and part of spinal column

Mac as always - assisted by my friend Salome

Sat worked on - completed - all profiles.

Visitors - Tyler Bastian, Dennis Cum, - Maureen Kavanaugh from Md. office -

Howard MacCord & wife from Va.

[Artifacts from 35?] - found

7/21 Short day -
Rained like hell last night - spent the first hour or more bailing out the site. Bill showed up with his son - They worked on F 35 - definitely a flexed burial facing west - only grave good so far appears to be a turtle shell -

& continued on F1 - small pit w/ hearth debris - poss a couple of long bones and a hammerstone

F15 - Sol completed - nothing - probably rodent disturbance - started on F16 -

Last day of Dave Foltz's field school -
Packed it in early because of thunder storms (w/ torrential rains -

7/23 Good long productive day - cooler, less humid -

F16 Sol - small pit/basin feature

F1 CJ - completed - circular pit w/ hearth refuse - possible hearth - Lots of good charcoal

F4 (178) - CJ - dark rectangular shaped stain with several centimeters depth - Except for odd shape looks like a post mold - Almost no material

F27 (232) SE – nothing

F26 (232) SE – irregular shaped rather shallow spread of charcoal & small bits of material – ?

F36 (235) CJ – rodent trail –

F34 (233) CJ – not completed – Looks like a series of small features – 34A (see plan view) – small circular pit w/ almost no charcoal or material except a few bone fragments – with considerable depth. Possibly a storage pit.

7/24 - To be done:

F 34 (incomplete
F 113 "
F 35 "

F 17 (289-346) ✓
F 39 (290) ?
F 18 (346) ✓
F 9 (347) ✓
F 6 (347) ✓
F 7 (347-348)
F 10,11,12 (348) —
And post molds, pedestals, bottles

F 34 - CS - yet incomplete - looks like a small pit (34A) next to a large one (34B) - Small one has virtually nothing but dark fill; large one has mixed dark fill & redish brown subsoil - w/ small bits of material & good charcoal. Could be storage pits - could be some of Ginger's test pits.

F17 Joe — Small ash pit / hearth — good charcoal sample. Almost no other material

7/25

F34 — CJ — Relabeled 34A-D — 4 somewhat discreet areas —

A- small circular pit — consistent dark loose fill — very few artifacts / charcoal

B- large deep pit — fair amount of fragmentary bone, sheds, flakes, 1 point, turtle shell, some kind of very deteriorated white shell (unrecoverable) — good charcoal sample. — But not much material considering size — and fill was mixed topsoil subsoil. Unusual. And at bottom was an articulated bird skeleton — unknown type. Also it's possible there were some articulated

turtle remains, but very poorly preserved. Remains of articulated bird bones were collected as matrix for water screening. It too is poorly preserved. —

34C – odd shaped depression — possible rodent trail. Fill was like 34A w/ few artifacts.

34D – small shallow circular pit w/ little material or charcoal. —

F 18 – Joe – shallow spread of dark soil w/ few artifacts — like F 8.

F 6 – Joe – about half finished — fair amount of material —

F 7 – Estelle – Ditto.

F 9 – Removed from Feature list because we couldn't see it —

7/26

F12 - CJ - ? Small circular conical hole (tapered at bottom) - not much charcoal or material - Possible post mold - altho large? - or possible rodent disturbance -

F 11 - CJ - small deep hole in center of larger more shallow depression. Not much charcoal or cultural material in fill - Again, don't know. Looks like a dead-end rodent hole - or maybe large, deep post mold - ?

F 6 - Joe - more irregular shallow spread of dark fill + stuff - like 8 + 18 -

F 7 Estelle, JD + CJ - nice little refuse pit - bone, shell, hickory shell, flake, bots, sherds - One particular nice large rim sherd - shell tempered, smoothed, punctate + incised design, big -

lots of good charcoal - bit of charred corn and lots of ash — will remove remainder tomorrow. —

7/27

F 10 Joe + Estie — Completed — immemorable small shallow lens of dark fill + not much else

F 7 - Estie - still working - rich hole refuse pit

F 113(13) - CJ - shallow hearth or ash pit - not many artifacts but lots of charcoal + burned corn - seems hardened around it, but difficult to tell because area is so baked dry

F 34 - CJ + Joe — Took out area left for cross-section adjacent to west wall - Found bundle burial above flexed burial - will expose as much as possible

Loads of visitors —
3 women from Diane Gilbert's office (Soil Conservation)
Jim Sorenson, Mike Dwyer (Mont. Co Historian) and others
Steve Potter, Ed Otter, Vanna & Elizabeth

Busy, busy, busy —

7/28 —
Joe started cross-sectioning postmolds —

Estelle worked on F7

2 exposed burials in F35 for photographing — Both flexed & bundle burials were adult males. Found no grave goods — Did find one broken quartz pt near thoracic vertebra of flexed burial — a bone pt. among bundle burial material. Recovered q. pt — forgot bone pt. — Re-covered burials

Joe found large ground grooved axe

just beneath excavated surface in
Sq 4

7/30 Joe & I worked on postmolds
(cross-sectioning) — looks like
about $\frac{1}{3}$ of the recorded PMs
are not actually PMs. — We
are not disturbing PMs but
may be in house pattern (Those
in units 176, 177, 178, 236, 293 —) —

Dave —

40 W into Hagerstown —
1st light E — straight —
mid way — on right —
2 restaurants — pass
palacial stone house on high — pass —
approx 1 house
1526 — large white mail box

Summer 1991 Field School

Rob	Katz	RMK
Andrew	Kress	AK
Jill	Golub	JG
Meg	Nitschke	MN
Jason	Shields	JS
Fred	Walters	FW
Susan	Watkins	SLW
Stephanie	White	SW

5/14/91

UNITS 290 (12N, 8E)
291 12N 10E
292 12N 12E
349 14N 12E

(2.83 diag. of 2-2m)

5/15/91
opened: 291, 292 + 349
Crews:
291 - Meg (MN) Alex (AK)
292 - Stephanie (SW)
Jill (JG) Jason (JS
349 - Rob (RHK) Susan (SLW)

5/16/91
Arrived at site at noon —
Continued w/ same units — same
crews except 349 (RHK + FW) —
Still in Level 1 in all units.
Depth of Level 1 in previously
excavated units: 290 - approx 25cm
293 " 25-29cm
348 " 20 cm

Jason absent w/ permission

5/20

First full day – nice, cool & cloudy for most of the time. Completed level 1 in all three units – haven't done paper work for 292. No unusual artifacts – few areas in 291 & one in 349 that may be features – can't tell yet.

5/21 –

Apparently we are through lev 2 in all units – not much cultural material and not much in the way of clearly visible pms. Unit 349 has one feature – fairly well-defined w/ charcoal, bone & dark stained. Presently pedestaled. Unit 291 – 2013 poss. pms – one area that looks like a lens of charcoal. Don't know yet re. unit 292 – 349 also has amorphous staining – like in 346, 347 & 348 – difficult to see anything.

Opened Unit 520 w/ entire crew.

Need a plan of action —

Next F# = 43

5/28

Unit 349 - Rob + Susan —
Drawing of lev 2/3 + F 43. Level drawing shows amorphous stain. Excavated half of F43 (x-sectional) - looks like hearth refuse - charcoal, bone, few sherds - very dark soil. Drawn in profile.

Unit 520 - Andrew, Meg + Jill -
Still in Lev 1 - should come down on L.2 early tomorrow.

STPs - CJ, Jason, Steph, Jill + Meg -
Ran a line of STPs at 5m intervals on E-W transect from 18N 0E. Dropped off radically 15m W of baseline. 60 STPs East of line

seem fairly consistent – not alot of variability —

18N

STP #	E	L2	Q F/s	CER	B	C.R/Chg
1	-25	30	4	—	—	✓/—
2	-20	30	3	8 (sm)		
3	-15	28	2	2	2	
4	-10	30	13	13	10 sm	✓/✓
5	-5	27	5/9	14	7 (sm)	✓/—
6	0		NOT DONE			
7	5	28	26	12	19 (sm	✓/✓
8	10					
9	15					
10	20	32	16	6	—	—/✓
11	25	32	15	4	1	
12	30	33	19	3	2 (sm)	
13	35	28	13	7 (sm)	1	✓/—
14	40	25	16	11	2	✓/—
☆ 15	45	34	23	11	11	✓/✓
16	50	29	14	15	1	✓/
17	55	25	26	12	—	✓/
18	60	25	20	3	2	✓/
19	65	30	16	4	1	/✓
20	70	32	23/4	5		✓/

			QF/SY/LW	C	B	CR/CY
21	75	30	15	2		✓/
22	80	42	7	1		✓/
23	85	30	3/6	—	—	✓/
24	90	35	11/3	2		
25	95	★	8/1	4		✓/
26	100	33	7/5	4		
27	105	33	10/1	2		✓/
28	110	36	13/9	11	2	✓/—
29	115	35	17/7	10		✓/—
30	120	33	5/1	5		✓/
31	125	33	4/—	7		✓/—
32	130	43	1/2	1		
33	135	35	2/	1		✓/
34	140	36	3/1	1		✓/

NOW UNIT - 20N 44E — #536

44 [illegible] 20N 56E

5/23

RHK + FW completed F43 — looks like hearth refuse — finished paper work, etc.

520 - still in L1

Completed EW transect of STP5 - difficult to interpret results. However, the extent of the site does seem clear — between 10 W of Baseline and 115E. Found a lens of charcoal in STP 15 — looks like a feature of some sort. STP 25 (95E) - dug 50 cm BMGS - did not reach subsoil - found what looks like a rusty nail — Yinger pit? —

Laid out + opened 536 adjacent to STP 15 (JS + SW)

AK + MN started paperwork on 291 - 5016 PMS + 1 Feature (44) — altho looks like a lens —

5/24

Completed strip in 291 – except for x-sectioning postmolds. F44 turned out to be a shallow lens of stained dirt – tiny bits of charcoal – it was "de-featured."

520 – completed L1 – almost thru L2. Very little material in L2 and no signs of features or pms.

536 – About 2/3 thru L1 – fairly rich in material – flakes, worked quartz, shell and bone. Altho the quantity seems to be dropping a bit as we dig deeper (JS, SW, JG & CJ)

5/28 – Half day –

Completed documentation of 292 – no features – ca. 6 pms.

Completed Lw 2 of 520 – very little material – no pms or features – unit closed.

536 - almost finished level 1 - looks like there's a feature in L2 - lots of stained dirt, charcoal, bone & large pieces of pottery. Need elevations. - (RHK, SLW, FW ...) -

542 - laid out, cleared - ready for opening elevations

[Jim Hubbritt - North Museum - Fort Loudon site in Pa - Keyser Component?]

5/29 HOT HOT HOT! & DRY
542 - in L1 - looks fairly productive - too early to tell AK, MN, RHK

536 - Closed L2 & pedestaled large stained area - F45 - looks like a pit of some kind - but very large, amorphous stain -

As yet difficult to discern boundaries of feature – nonetheless mapped it in as best we could. Will cross-section it within 536 – also appears to extend into adjacent units to south & east.

SLW & CJ did transect of STPS N-S across field on 5GE line – will extend thru wind breaks when weather permits wearing more protective clothing.

STPS ON 5GE LINE

N	DEPTH L2	Q SH/FL/W	C	B	CR/CHPR
-2	36	0/3/0	1(sm)	1(sm	—
3	28	2/2/0 1RHY FL	4	—	✓/—
8	29	8/9/0	4	—	✓/✓
13	28	5/14/1	4(+8sm)	—	✓/—
18	(UNIT 542)				
23	?	5/10/0	4	8	—
28	28	1/4/ BITE WI	1	—	✓/—
33	(NO L2 at 40cm)	3/9/2?	9(+9sm)	1	1/—

5/30 Very hot (hottest May on record)

RT took Rob & I most of the morning to cut a site line thru the south windbreak for continuation of STPs — Started on north windbreak —

536 — working on F45 — looks like a large pit. Definition has improved abt once we started excavating it (cross-sectioned. A lot of material — charc. & bone, etc. Not a lot of progress, however. [JS, JG & SW]

542 — in Lev 1 — Moderate amount of material. Dirt is very dry & hard — painfully slow screening [AK, MN, JD, CS & PHK]

Hope it's cooler tomorrow

5/31 Hot day & small crew —
Rob was a no-show —

542 - Completed level 1 - finally —
no change - moderate amount
of material - no sign of features
(AK, MN, JG & JD)

F 45 - Continued cross-sectioning —
just about level w/ L3 in unit
it became apparent that this
is probably a hearth - loads
of charcoal & ash, bone, etc —
cracked rock in a somewhat
circular pattern - Also signs
of fire-hardened clay surrounding
it. And lots of shell - altho
it doesn't look burned. —
Must have been sunken somewhat
from the living surface (i.e.,
extended below prehistoric
ground surface) —
Took out surrounding matrix &
started work on north half —

6/3 537 (east of 536) - Opened - in Lev 1, good amount of material (JG, RK, JS)

542 - Completed L2 - one possible feature, 2 poss pms. - Need elevations & documentation - little material (AK, SLW, MN, JD)

F45 - Took down south side til definition was reasonable, clear - photographed, redrawn - need laser pts. - Saved all fill for water screening & flotation in lab. Same kind of material - lots of bone - many pieces of long bone about the same size - skull fragment & lots of little bones. Also a notable quantity of worked quartz. I still think it's a hearth -

Cooler today - but arrived late and left a little early because it started to rain -

6/4

STPS - JD, AK, MN & RHK -
worked south of baseline

537 - still in Lev 1 - very
slow going today - SW, & S & E.

F45 - CJ, SW - leveled feature
w/ Lev 3 - pedestaled FCR &
left bone in place for photos -
Approx 7 buckets of fill taken
for water screening - will
leave in place till 537 is level
w/ 536 -

6/5 STPS - completed N-S transect -
site appears to extend to ca. 1/3 of
the way across south field & likewise
into north field -

537 - completed Lev 2 - F45
extends into SW corner - 2 poss
pms - left a 20cm bank betw
536 & 537. -

Mac visited!

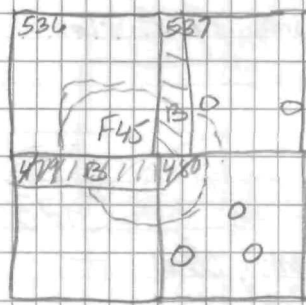
6/6 Laid out 479 & 480 (south of 536 & 537) - Completed Lev 1 in both units - good amount of material in both - Great conditions - nice weather, easy screening. Howard stopped by -

6/7. Small crew - Jill out sick - Joe came late - Finished excavated Lev 2 in both 479 (MN, AK, RHK & JD) & 480 (JS, SW, CJ) - Needs mapping, etc. -

Looks like F45 extends into both units. 480 also has at least 3 good, clear pits & one other feature - Circular area of stained earth w/ Charcoal, bone, etc. - Don't know yet about 479 - also a good portion of F45 is in it.

Mac stopped by again -

Guess we'll concentrate on this area for a while — only 3 more weeks —



B - Bulk

o Pm

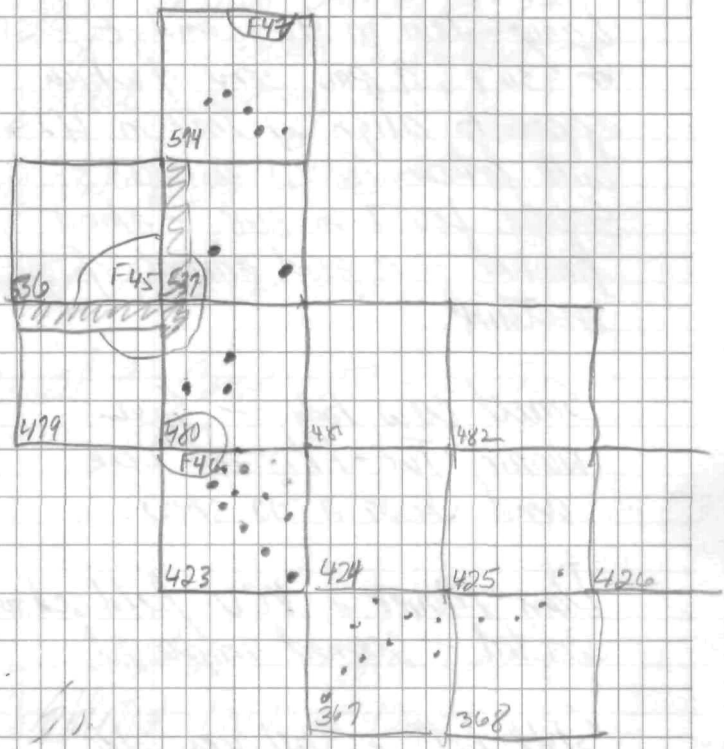
6/10 Completed documentation for Lev 2 in 479 & 480. Opened 423 (80 of 480) & 594 (no. of 537). Crews —
423 - JS, SW, JG, SLW & JD —
594 - AK, MN, RHK & CJ —
Completed better part of Lev 1 in both units — good amount of material in both units —

Getting hot again . . . —

6/11 Completed Lev 1 in 594 + 423 — good start on Lev 2 in both units. No sign of features yet - except 1 poss pm & extension of F46 in 423

6/12 Completed Lev 2 in 594 + 423 — Great pms in 423 - very clear — 5 seem to align. Looks like finally we may a structure — Couple of pms in 594 + a stained area next to north wall (F47)
[Dennis Rogue + F.S. from Mt. Vernon visited]

6/13
Continued work on 424 and 367 (which were started yesterday) - Completed Lev 1 in both squares — Started Lev 2 —



6/14 Tortuous, slow screening of Lev 2 in 367 & 424 — almost no material. Almost through level by end of day — but couldn't see anything because the surface dried out so quickly — TBC on Monday

6/17 Completed 367 & 424 —
Large stain in 424 and 2 poss pms.
In 367, 9 pms some of which
appear to align w/ those in 423 —
will follow through in 368.
Started Lev 7 in 368 — almost
finished — a good amount of
material.

Small crew today — Susan
working Tue-Fri this week
and Jason a no show.

Dan Moser & KCU field school
visited — seemed impressed.

Still hot & still very dry.

6/20
Completed L1 in 368 & L2 —
not yet mapped —

Completed L1 in 425

6/21 Mapped in pin 346-359 in 368 —
possible follow-through on pattern —
not completely convincing —

Completed Lev 2 in 425 —

Started Lev 1 in 426

Channel 9 came out — on the
evening news!

6/24 — Good day — Cooler weather —
Completed Lev 1 in 426 —
most of the way thru Lev 2. Looks
like some area of dark stained earth —
poss. features — No visible pins yet.

Opened 481 Lev 1 —

Stephanie's parents visited +
helped —

6/25 Troweled down 426 —
looks like a lot of staining —
rodent disturbance? — and a
few (4) unlikely postmolds.
Guess we've lost our clear postmold
trail of 423 & 367 . . . — kind of
frustrating —

481 — in Lev 2 —
Opened 482 — almost thru Lev 1

6/26
Completed 481 — the big ZIP —
nothing — no features or pms —
a few areas of staining, but we
did quick exploratory cross-sections
and they had no depth to speak of
(and no other material — ie charcoal, bone ...)
Glass was found in Lev 2 in 481 (also
found in Lev 1 in same & surrounding
squares). Lev 2 looked suspiciously
mottled & different to me — probable
disturbance of some sort. —

NOTE – no photo or picture shown of Lev 2 unit 481 —

482 – completed Lev 1 — almost through Lev 2. Found glass in Lev 2 – more probable disturbance. Yingus perhaps? – Also found charcoal in vicinity of glass – looked like fill.

Opened 538 – in Lev 1 – found bone very close to the surface — could be another disturbed area. Normal amount of cracked rock & quartz debitage – no tools & very little ceramic. And more glass –

6/27

Completed 482 – no pms – 2 areas designated as features – possibly just stains w/ hearth refuse (charcoal, burned clay –) or possibly sites of fires –

538 - completed Lev 1 —
part way into Lev 2 —
whole crew concentrating on
this - the last unit.

Mac visited —
Reporter from Times & group
of Pb Co. school teachers

6/28
Completed 538 - ZIP —
No photos / drawing
Took down bulk between
536 & 479

Last day of FS!

7/5 —

Joe & I came out — Joe worked on PMs. I worked on F45 — mostly in 479 — taking pedestaled area down to level of F45 in 536 — not alot of material — couple of large sheds, bone, flakes, charcoal, etc. —

Looks like a fairly significant amt of ash in northern portion of 479 adjacent to F45.

7/8 Joe on PMs —
Me on F45 — still trying to figure out how far & what extends into 479, 480 + 537 —

Left early on account of Thunder Storm

7/9 Joe finished PMs —

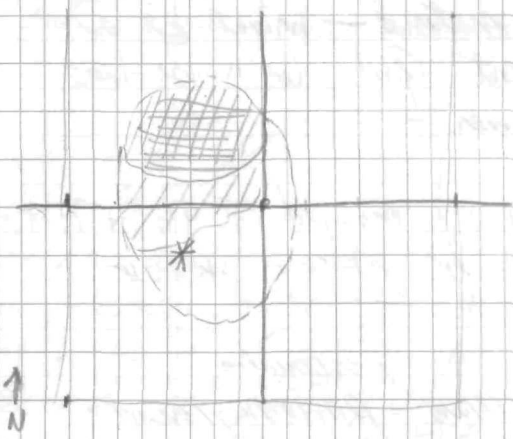
I worked on F45 — looks like primary area w/ concentration of material is mostly in 536 — this area is surrounded by a spread or smear of charcoal, ash & bits of bone, lithic & ceramics extending in a roughly circular area in the surrounding units —

Took out remaining bulk (below 536 & 537) — Had taken out pedestal or bulk supporting unit corner (intersection of 536, 537, 479 & 480) yesterday —

7/10 Joe completed all profiles —

F45 — photographed and defined including pulled all exposed material — 4 scapulas (deer) — possible skull fragments, antler pedicle and fragments (poorly preserved) cracked rock, sherds, etc.

Left early - started to rain. Needs to be drawn and pts taken w/ theodolite - and then excavated



- darkest area - highest concentration of charcoal & cultural material - lots of large pieces of bone, cracked rock, sherds, etc

/// - significant deposit of ash, charcoal, less material

* - looks like large portion of pot - in mendable sherds

7/16 Took mapping pts w/ laser transit on F45 — also drawn. Started excavating it — lots of material — might be a huge pit. God, we'll be here all summer —

Joe drew & mapped F46, 47, 48 & 49 — ready to be photographed & excavated —

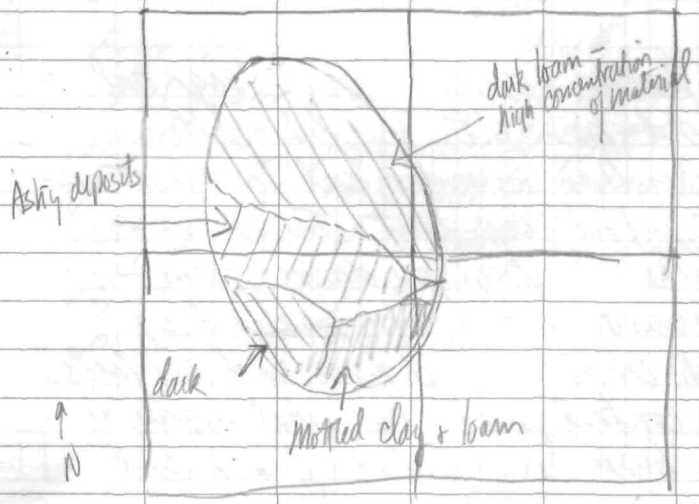
7/17 Joe drew & excavated & photographed F46, 47, 48 & 49 — 47, 48 & 49 appear to be shallow stains — 46 had some depth — don't know what it was — dark fill, some charcoal, little other material — poss. small pit? — F47 (in north wall of 594) — only excavated to wall — appears to be the edge of a larger feature — possibly a pit? —

I worked on F45 - most in southern portion - found bottom and have been following it out

7/18 Joe & I both worked on F45 - I concentrated on northern portion (area that appeared darkest - and was previously excavated to lower level) - Joe worked in SE portion. We were concerned that parts of the feature may be deep pits - but it appears that the feature bottoms out approx 30 cm below top of LW3 in units.

The feature appears to be a large oval shaped basin pit. The fill - altho darker than surrounding soil throughout - is not entirely consistent. The eastern & northern portions are darker loam - apparently more organic material w/ rich concentrations of bone and artifacts. The central portion has what appears to be higher concentrations of ash and

hardened clay. The southern portion is more mottled - mixed ~~w~~ clay + loam. There are large pieces of charcoal throughout - and some artifactual material. The pit conforms to Stearns description of the large oval pits that the Yingers excavated - The "greasy" feel may be the ashy deposits in the central portion (when wet, the ashy fill feels slick - slippery - like clay) - or it may refer to the darker areas which hold moisture more than the other areas. - [Way too hot to work - 100° - will put off continuation 'til heat wave breaks -]



7/22 – Tried to work a few hours in late afternoon/evening – cut short by thunder storms –

Joe continued in eastern portion – still dark, loose loam – lots of material. I worked in SW portion – harder fill – more clay + ash. Both of us found a lens of charcoal at bottom of fill –

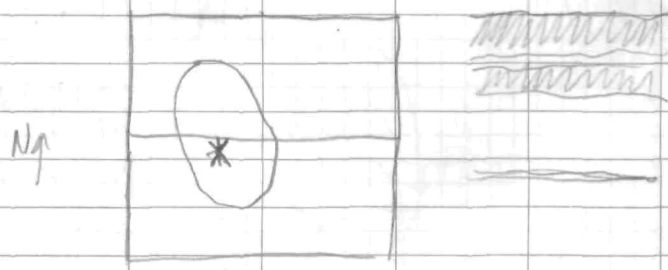
Joe has found a number of lug portions of pots in eastern portion – curious –

[Will return on Wed. when heat wave is suppose to break – still up to 100° everyday – very hazy + smoggy]

7/24

Working in southwestern portion of F-45 – some stratigraphy visible in fill, altho at this point in the excavation, it would be fruitless to change methods –

– uppermost unexcavated level – ca 8 cm of
* dark brown loam
– thin lens of reddish brown fill – ashy – 2cm
– 4cm – dark brown fill w/ large pieces of charcoal
– 13 cm reddish brown fill w/ flecks of charcoal & red clay (?) – very loose & like ash
– at bottom of fill – lens of charcoal



(Later - working from south to north in same area) - looks like a layer of dark loam w/ charcoal (10-20 cm) above reddish brown fill - w/ lens of charc. on bottom)

Finished excavating pit. Because of the layering in areas - and the different fills in different areas, it appears that the pit was used on multiple occasions. It is difficult to tell if it was used only for refuse (mostly hearth refuse - as charcoal was abundant throughout) - or if it was used repeatedly as a hearth - or both. My feeling is that there was insitu burning w/ some refuse added (note that many of the bones are not charred - but were they cooked? - ie boiled? -) - Difficult to say for sure -

7/25 – Short final day –
Cleaned F45 and photographed
it – measured dimensions &
Joe drew x-section relative
to W 2/3 (bottom of 2) in
surrounding units (along E-W axis) –

Cleaned site – packed up
equipment – left nails &
Mason jar lids in excavated
units – reburied remains of
infant & departed.

End of field season 1991.

[7/23/91 LAB NOTE -

Material from E-W BULK between
536 + 479 LEV 1+2 added to
479 LEV 1 + LEV 2

Material from N-S BULK between
536 - 537 added to 537 LEV 1]

1994 FIELD SCHOOL

Heidi Schultz	HS
Paula Massoud	PM
Danielle (D.J.) Rudin	DJR
Chuck Goode	CG
Matt Feil	MF
Stephanie D	SD
True Patchell	TP
Cheryl Rooney	CR
Erin Ward	EW
Rob Hjerlin	RH
Jennifer Bowden	JB

May 17 1994 A.U. Field School

Open units:

22N, 110E
24N, 112E
26N, 110E

22N, 110E - Heidi, Chuck, Paula + JON

24N 112E - ERIN, MATT + CHERYL

26N, 110E - ROB, STEPH, DJ + DREW

All units still in LEV 1 - usual artifacts in all units - flakes, shatter, sherds, cracked rock -

Set in a local elevation datum on eastern side of site - north tree line - elevation = .5m below site datum.

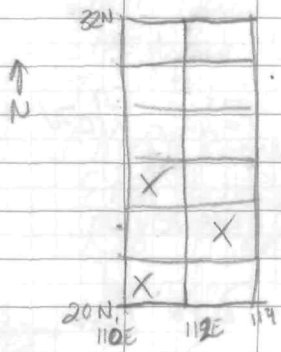
Maureen + Dennis came by w/ equipment

very cool - almost too cool

May 18 –

Showed slides in a.m. – got to field ca. 1½ hr. late

Block at eastern end of site:



22N 110E – HS, CG, JB, PM
24N 112E – EW, MF & CR
26N 110E – RH, SD, DJR & TP

[LAM OUT: ~~22N, 62E~~
~~22N, 68E~~
~~22N, 74E~~
~~22N, 80E~~

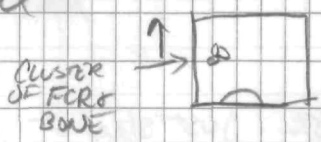
LINE OF UNITS: along 22N 12 W – 8E

LINE OF UNITS Between 60 + 86E,
20-22N — UNITS 22N, 60-84E

Completing Lev 1 in all 3 units —
same material - few small pieces of
bone, flecks of charcoal -

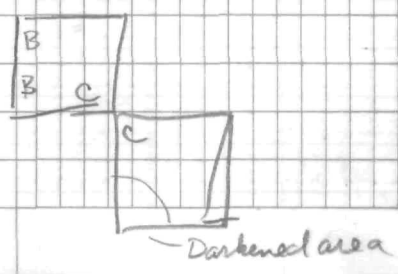
May 19th

Nearly thru Lev 2 in 22N 110E —
looks like a round feature in
SW wall



Don't know yet re postmolds. —

Other units still in Lev 2 — nothing
visible yet. Big chunks of charcoal in
both units - also lots of bone in 26N -



May 20 ASM!

Opened: 28N 110E
30N 110E
32N 110E
} Crew Chief Bob Newberry

22N 8E > " " Gary Grant

28-32N 110E – almost now level –
usual mix of artifacts – seems like
more exotic lithics – few pts. –

22N 8E – just started – good
amount of stuff

May 21

Eastern Block - Bob Newberry

28N 110E

30N "

32N "

MIDDLE BLOCK - BARRY NALL

22N 66E

22N 72E

WESTERN BLOCK - GARY GRANT + ROY BROWN

22N 8E

22N 4E

22N 0E

May 22

Eastern Block -

9 N units in Lev 2 -
Seems to be generally darker soil at a deeper level than other units - yet no pattern -
Concentrated in eastern portion of units N32 E110, N30, 110E —
Very little material - except for bone & some charc - also lots of reddish clay (I think) —

Middle -

22N 66E - in level 2 -
Feat 51 - small circular stain in NW quad

22N 78E in Lev 2

22N 78 E in Lev 1

5/23

West -

22N 8E -

F.50 pedestaled -

Getting thru level 2 - several good post molds are apparent

22N 4E

End of lev 1

22N 0E

In Lev 2 - some concentrations of dark soil - still unclear

22N 4W -

Lev 1 - lots of material -

Bone bead, pts., loads of bone

12W
0
8
S
S
S
S

May 31, 1994

Joe has day by day notes for the last 10 days. The following is a summary of what was accomplished during the last 10 days with the Arch. Society of Maryland Field Session.

CREW CHIEFS: Roy Brown
Gary Grant
Bob Newberry
Berry Nall
Myron Beckenridge

MHT – Tyler Bastian
Moureen Kavanagh
Dennis Curry

Most of the work was done on the western periphery of the site, but we also did some testing in the central & eastern portions of the site. – On the eastern side of the site Bob Newberry & crew opened 3 contiguous units (28-32N, 110E) + a 4th (26N 94E). Generally – like all of the eastern units – these had fewer artifacts in the PZ & fewer sub-surface features.

(BASE OF L.2)

28N 110E – Circular stain – dark w/ charcoal + red clay specks in central portion of unit. Some FCR + bone in floor + possible rodent burrow. No postmolds.

30N 110E – Darker stain in NE corner, 1 cobble + 1 PM (393). Bob cross-sectioned PM – good – large post, apparently isolated – ? – Also found a quartzite Late Archaic pt. almost at base of L.2 (33 cm below surface)

32N 110E – Large dark stain in eastern portion of unit – w/ some FCR. Seemed to be generally darker soil but contained little charcoal or artifacts. Also a dark stained area in north wall w/ charcoal + some bone.
Excavated the NE quad of unit to 1.30 cm BD. Darker soil extended to ca. 40 cm below surface + graded into lighter colored subsoil —
Don't know if it is undisturbed midden (altho doesn't look like it)

or if it is some natural deposit — Or a finger disturbance. The absence of artifacts + charcoal suggest a natural disturbance.

26N 94E — No subsurface features visible - Lev 2 excavated to ca. 40 cm below groundsurface.

---

5 units were opened in the central portion of the site — 3 completed + 2 still need a little work.

22N 78E (Myron) — [L2-ca 30 cm BMBS] Light on artifacts — No features visible at base of L2 — except a cluster of large cobbles concentrated in central portion of site. A few were possibly FCR - but doubtful — Nothing else visible — Cobble Cluster was not designated a feature as there was nothing to suggest it was cultural. Such large cobbles are present in the field — altho not numerous

22N 72E (Barry Nall) – ca 30cm BMGS
Light on artifacts & no features

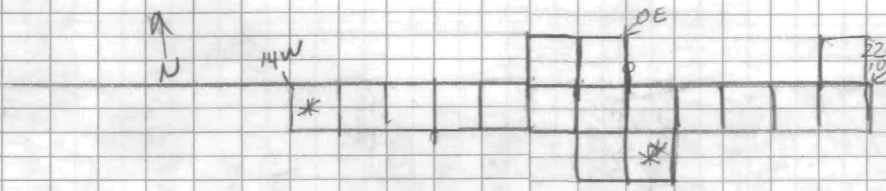
22N 66E (Berry Nall) ca 30cm
Light on artifacts –
F51 – small basin pit w/
charcoal, a little bone &
1 sherd.
PMs 389-392 – all cross-sectioned –
3 were good and seemed to be
in an arc around F51 –
possibly part of a house pattern –

22N 64E – (Bob Newberry) –
Left in L2 – not much except
a distinct darker stain w/
red + yellow flecks + charcoal –
Possible in situ burning –

24N 64E (BOB) –
Seemingly complete –
(Still need closing elevations) –
No features or PMs apparent –
Wanted to see floor together w/

22N 64E before making final determination

Eastern end of site



* - 14W 22N - Abandoned after ca ½ Lev because units 12 & 10W were without features - we felt we were outside the main occupation area - could better use labor elsewhere

** - 20N 0E - Not yet completed - still in Lev 1

22N 8E (G. GRANT) ca 33-35 cm
Feature 50 - NW corner - circular stain - poss. small basin / pot holder
8 poss. PMs - some in an arc from S-N ; 1 unusual, large (#37a) in western part of unit

24N 8E - 12 poss. PMs - conceivably, some - following arc from 22N 8E
* need closing elev.

22N 6E (Grant ca 35 cm)
11 poss. PMs. - Continuation of arc in 22/24N 8E - Possible house pattern?

22N 4E (Grant - ca 35 cm)
no PMs -- F. 56 - circular basin pit in NE corner - Excavated by G. Grant - usual fill - dark soil, char. flecks, 1/1 the bowl -- pot holder?

22N 2E (grant) 35-40cm
Stained area in NW quad - 4 pms in NE quad

22N 0E (BROWN) ca 35cm
Lots of material in L1 & 2 - especially bone - Lev 2 was removed in 2 steps - original base was later thought too high, so we took out a few more centimeters - 4 Pms visible in first trg - 5 additional in second & lost one of the originals. - Feat. 55 - large basin feature in south wall - cross sectioned along N-S axis - eastern portion removed - not very deep, lots of bone

20N 0E - OPENED - IN LEV. 1

20, 22, & 24N, 2W -
Possible palisade line - a series of large (ca 8cm diam) pms running in an irregular linear configuration N-S. 20N, 2W shows a double line, 22N 2W is more confused - but the

east line in 20N aligns w/ a line in 22N —
24N needs better definition - but even now several
large pms are visible + roughly in line w/ other
units.

22N, 4W - 2 very large apparent pms -
one with large chunk of what appears to
be a charred post - several additional pms -
24N, 4W - additional pms & oval
shaped stain - possibly surrounded by pms. —

5/31 - 6/2 A.U. Field School -

20N 110E - Completed - Several good looking PMs in an arc, continuation of F52 in north wall + new feature against south wall. Will follow PMs to south.

18N 111E - Opened to chase PMs in 20N 110E - Couldn't decide between 110E + 112E - so compromised w/ 111E. - By 6/2, in Lev 2 - one dark stained area visible in NW quad + a second in NE.

24N 110E - Completed - Very hard earth in Lev 2 + difficult to read - 5 possible PMs + Continuation of F___ in east wall

26N 108E - Completed - Lev 2 looked wierd to me - very dark, much disturbed w/ lots of charcoal flecks throughout unit - some bone - not much else. It appears to be a

sort of lens of material - somewhat like that found in 32N110E - Possibly midden? - After much trowelling we defined 1 possible PM, 2 stains (1 circular in central portion + another in W wall) + 2 circular features - 1 with charc. + flakes in SW quad + a second w/ charc + flecks of red + orange material in north wall. — I wonder if we shouldn't have taken off another few centimeters — again, I found the subsoil very difficult to read - very mottled + very hard. —

Feature 52 - Drawn in plan view cross sectioned, drawn in profile + excavated — Looks like another small basin pit but contained more than the usual amount of FCR, bone + flakes —

laid out a one meter wide trench between 23 & 24N & 114 - 130 E — Objective is to find the eastern edge of the village & palisade line — By 6/12 had completed first 4m — subsoil seems much disturbed - w/ visible plow scars & rodent trails — Large area of midden, fill — possibly a large basin feature. If it is similar to the western edge, the palisade line may be close by. —

6/16 —
Trench - seems to have petered out w/ no sign of PMs or additional features will travel & look again tomorrow

20 N, 0E - worked on Lev. 1 - large feature seems to cover most of unit in Lev 2 —

20N, 2W - mapped 11 pms - including one large (19cm) —

Ready to open 22N, 6E to complete possible house pattern —

Started to trowel down 24N, 2W — needs more work —

18N, 111E — 2 features & a couple not very convincing PMs. —

Left field early because of rain —

6/7

Trench - started excavating feature —
fill is a mixture of midden + subsoil —
like a back-filled finger trench —? —
But there's enough bone & other artifacts to suggest that there was a pit there w/ refuse —

20N 0E - down to Lev 2 (base) in W. part of unit - F.55 takes up most of the rest of unit

24N 6E — Base of Lev 1 - very midden soil - lots of charc. & red clay - mostly in S. half of unit - Some bone - not

many other artifacts —
— Took coordinates on PMs in eastern part of W. trench —
Peggi + Brandy came out —

6/8 -
JUNE + WARREN EVANS
RICH SACCHI

F 65 - good candidate for Yinger disturbance

6/13
24N 6E - 6-7 good looking PMs + 4 features —
66 - stained area in south wall — visible in adjacent unit — looks like lens of burned material — Charc., red + yellow clay flecks + ash. —
1 small very regular circular stain near north wall w/ red inclusions —

2 circular stains in central portion of unit w/ charc. —

Change of field method — will open a number of units around poss palisade — <u>not</u> screen Lev 1 + 2 —

Opened - 18N 2W
26N 2W
26N 4W
24N 6W
To expose feature 60 in 24N 4W

Palisade Pms appear to be continued in 18N 2W + 26N 2W

Photo Record

	DATE	SUBJ.
1-2	5/22	IRONSTONE CARVING
3	5/23	SQ 170, LEV 1-2, POSTMOLDS 1-4
4	"	SQ 228, LEV 1-2 P. 5-11
5-6	"	SQ 171, LEV 1-2 P12-17, F1
7	5/24	Ghida & James
8	"	SQ 119 LEV 1-2 P18-37
9-10	"	DONUTS
11-12	5/25	Trenching
13	"	SQ 62, LEV 2-3, PM 38-49 F2-3
14	"	TRENCH
15	"	LEAP, HARRY
16	"	SQ 178, LEV. 2-3, PM 50-56, F4
17-18	5/31	Joe & Bill - SQ 63 - PM
19	"	Crew at 347, 348
20-23		Laser transit
24	"	SQ 63 PM 57-85, F5
25	6/1	mislabeled

Roll 2

1	347
2	348
3-4	Pools
5	SQ 120 PM 94-113, F13
6	SQ 176 PM 114-131 F14, 15, 16
7	SQ 5 & 6 LEV 1-2 Red lens

PHOTO

8 6/6 group shot
9 SQ 5-6 Red lens
10 6/7 SQ 346 F 8, 17, 18
11 6/8 SQ 6 LEV 2-3 F22 PM 132-147
12 6/12 SQ 5 LEV 2-3 PM 159-164, F23
13 " SQ 289 LEV 2-3 PM
14 " SQ 7, 6B, 5B excavating
15 " James & Joy
16 " " "
17 6/13 SQ 7 LEV 2-3 PM 194-200

Roll 3
13 6/2 SQ 234 LV 2-3 PM 282-284

T-Shirts -
Mac -
2 Lt. Blue - L & M
2 Yellow L & M

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1629 Aberdeen Rd
Towson Md 21286

821-1802

Mary V. Davis
(301) 831-8369

8mm film of SW chapt.
31 yrs

380

77 ft. tree line
~~184~~ 2nd field 120'
1st field 170'