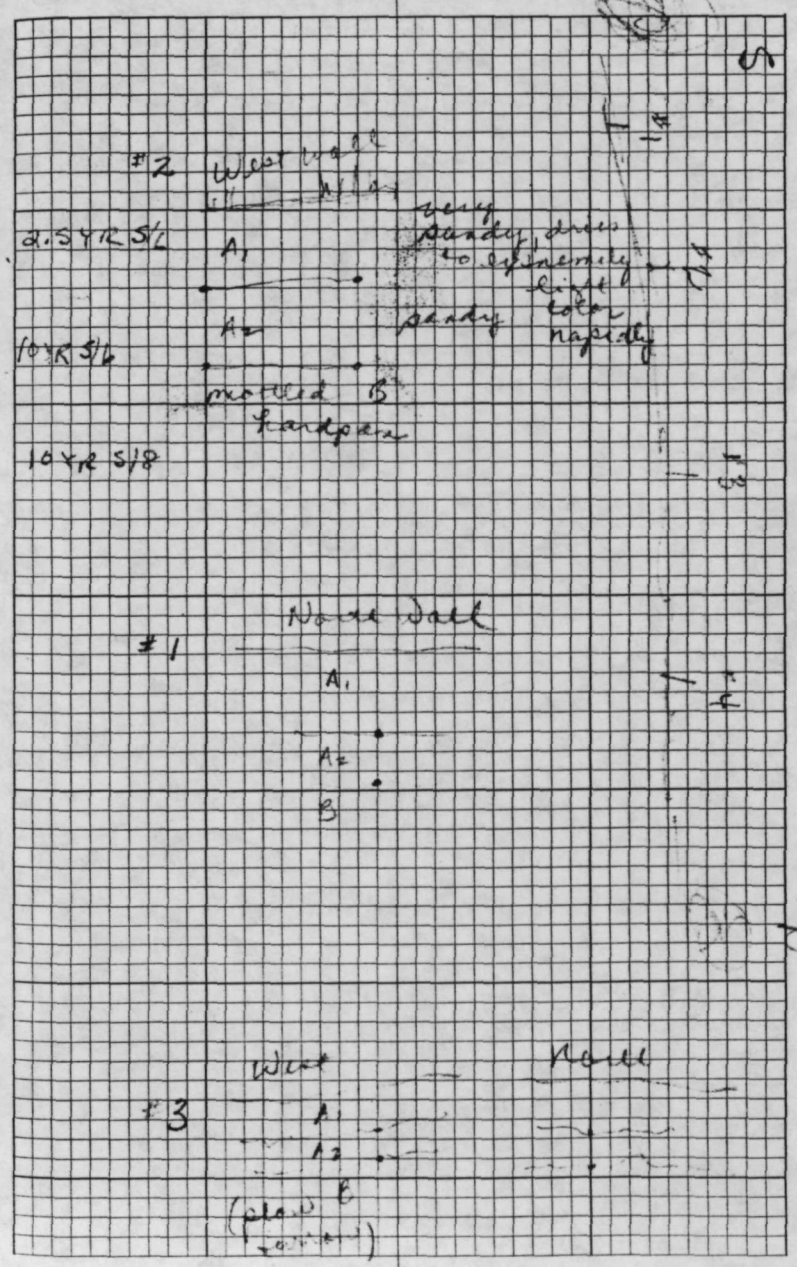
18CV272
6/15/88

south slope - shovel test for glow zone depth - see opposite page

(transit reading)
197.5' to stake, middle of field from N100 W185 - due East (grid) (next to tru line)
= N100 E12.5
stake marked N100 E12

.75-.8 pg toward sea S on hill

18CV272
1988
Field Notes
W. Gaines, C Nash, J Walker



6.72
4.36

4.0

272' from stake, mid field

5172 E12

7.40 top
5.95 bottom
145' from stake 5172 E12

5172 W123 (180W271)

#4 Notch

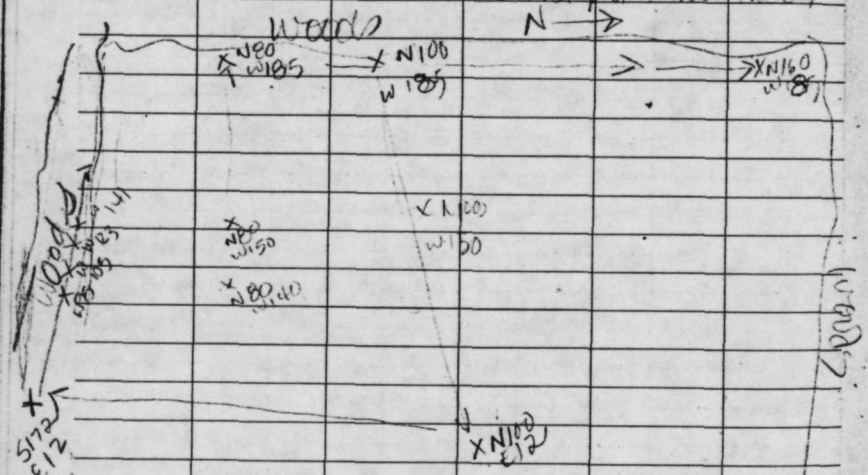
A_1

A_2

B

June 16, 1988

Re-establishing grid at 18CV272; 271.
Located several stakes around feature 1
(shell pit) left from last year's excavations.
Set up transit over one of them, N80W150.
Shot a line to N80W185 and put stake there.



NOT TO SCALE!

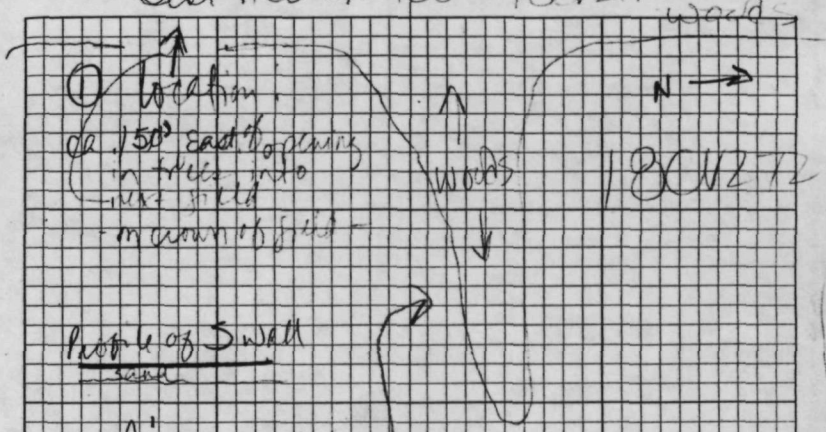
Then moved transit to N80W185 and

N100W185
N120W185
N140W185
N160W185

Used leveling rod to shoot line to
N100 E12

All [illegible] S172 E12
[illegible]

Test Pits 6/16/88 18CV271



① Location:
ca. 150' east of opening in trees into next field
- on crown of field -

Profile of S wall
sand

A'

.65'
mottled sand/loam
.85'
B hardpan clay

② Location
ca 25' from wooded ravine on slope

S wall profile
sand

A'

.56'
mottled sand/clay
.76'
B hardpan clay

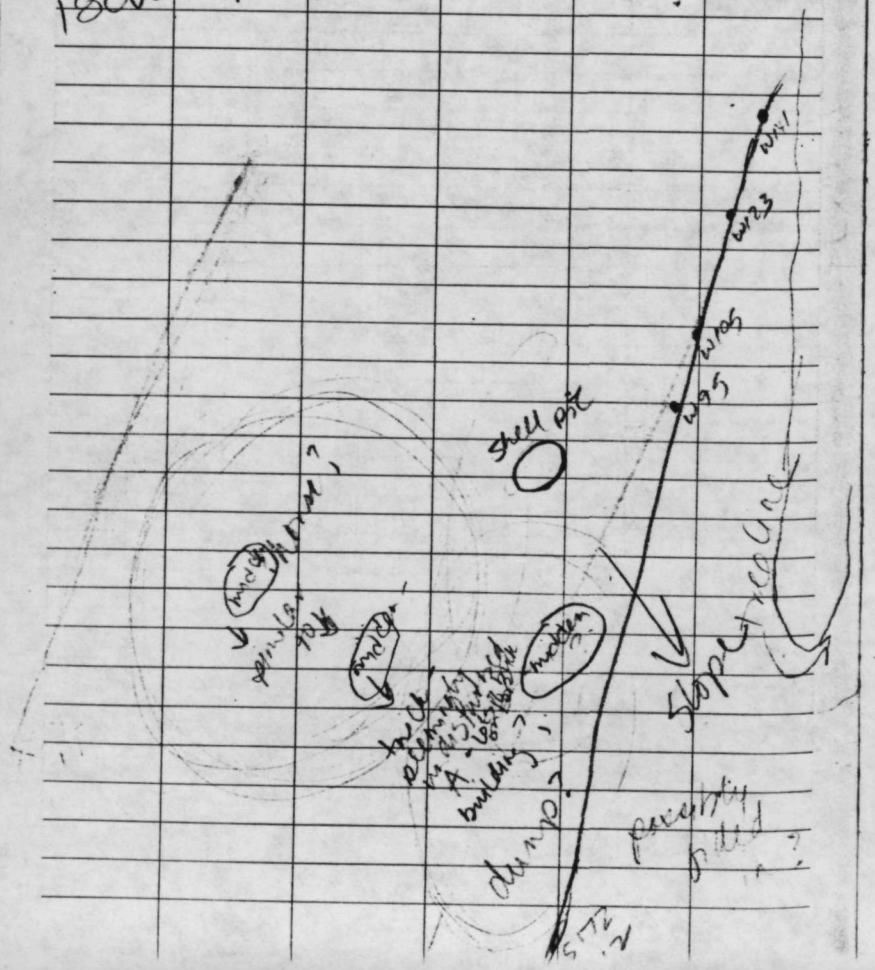
Note: W wall contained plowed brick in A' at .6' BS - near transition to mottled soil

gnc (con't)

Began pulling stakes from S172 W123

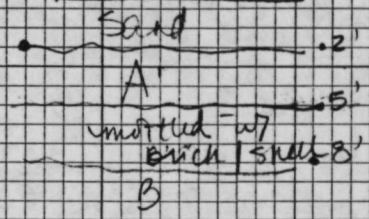
1. S172 W95
2. S172 W105
3. S172 W141

Blow-up of 18CV271 not to scale



test Pits (con't)

3. Location
ca. 50' S of shell pit - 18CV271 - in middle of site
Profile of S wall

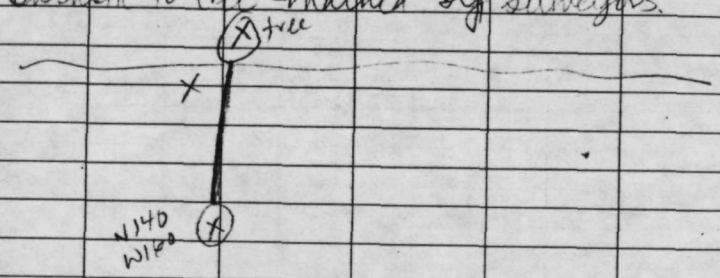


6/23/88

18CU272

Shooting benchmark in West tree line as datum for F-3 measurements.

Transit set up over N140 W160 — Backsite to tree marked by surveyors.



Gun put in neck —

Elevation reading: .695 — x-hair

A.D.

* Post mold A - 4.9'
LH top 5.05'
LH bottom 4.70'

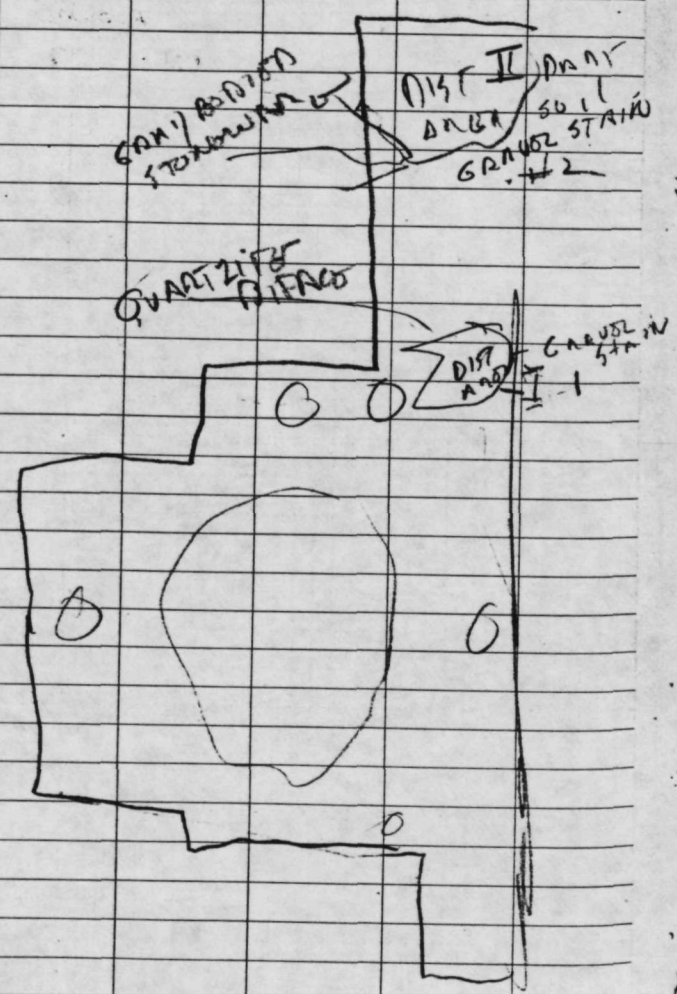
* Post mold B 4.86'
top RH 5.4' 4.69' LH bottom

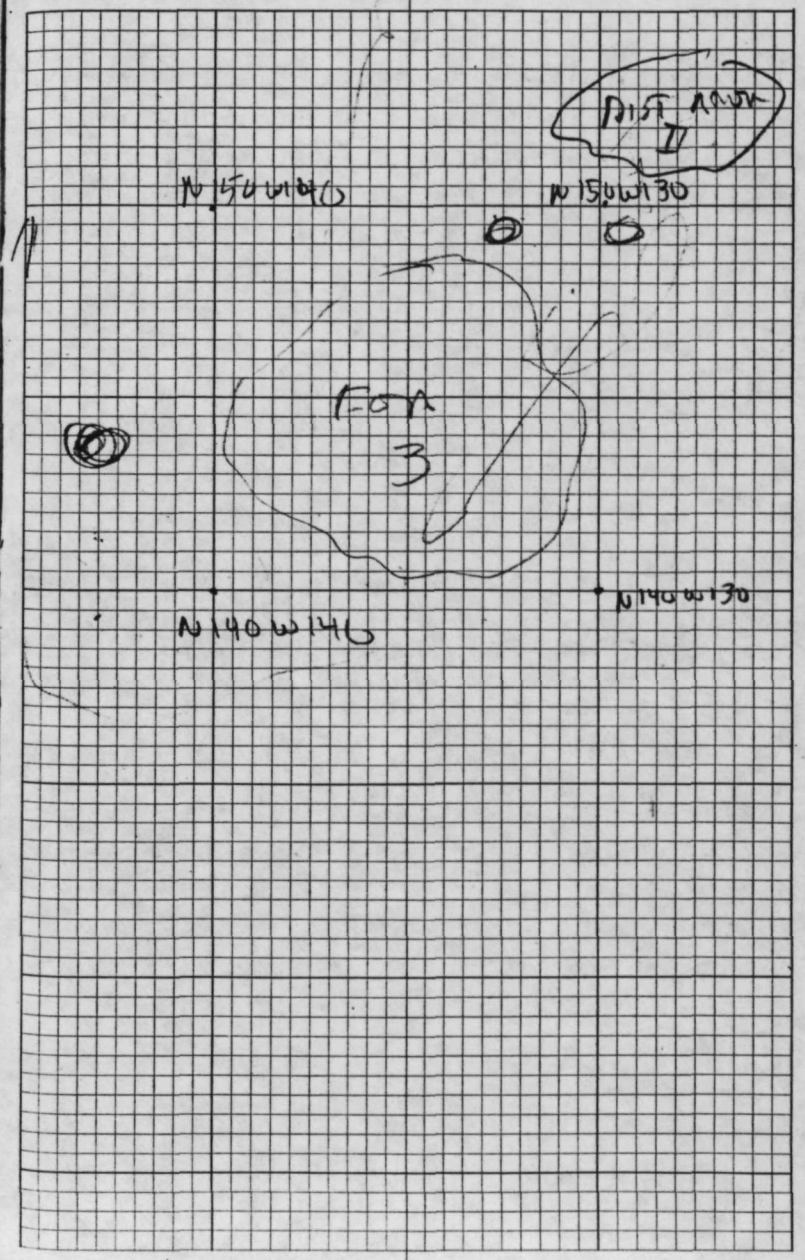
* Post mold C 5.1'
LH top 5.26'
LH bottom 4.94'

* Post mold D 4.96'
LH top 5.06'
LH bottom 4.86'

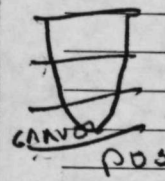
setting stakes around F-3, backsighted to N140, W185, locked, jupped [illegible]

pulled off N140 W140
① N140 W135
② N140 W130





Poss. Post Molds, SHOW UP AS GRAY ISH SANDY SOIL WITH MUCH SMALL GRAVEL PRESUMABLY BROUGHT UP FROM BELOW (AS BELOW) - TO CONTAIN GRAVEL AS THEY DO, IF THEY ARE POSTMOLDS THEN POSTS WERE PULLED UP + HOLES FILLED WITH MIXED SOIL & GRAVEL - POSS. OPTION POST WERE FILLED IN WITH MIXED GRAVEL + SAND & TAMPED - SHOULD SEE DOUBLE POST PATTERN



E.G. ◉

OTHER DISTURBANCE (DIST AREA II) NOT CLEAR WHAT THIS IS BUT IS LARGER THAN POST MOLD. NOTE FEATURE J HAS GRAVEL ON ITS OUTER EDGE

DIST AREA I where BARSE IS WORKING IS YET ANOTHER UNKNOWN GRAVEL SEEMS LESS EVIDENT SOIL IS DARKER - LARGE GRAY BODIED COBALT BLUE DECORATED STONEWARE JUG SHERD IS FROM THIS AREA

6/24/88

RAINED IN P.M. - ONLY 2 POSTS NOW APPEAR LEGIT - REMAINDER ARE IRREGULAR GRAVEL STAINS

POSTMOLDS 1 & 3 SEEM LEGIT BETTER X SECTIONS

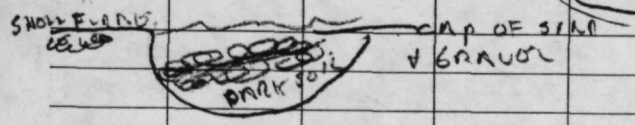
GRAVEL STRIN #1 HIGHLY IRREGULAR - GRAVEL STRIN #2 COVERED UP FOR TIME BEING

18CU271

MIDDEN DEPOSIT OVER A HORIZON LOTS OF OYSTER SHELLS, ASH, BRICK FRAGS, PIPE STEMS, BOTTLE FRAG

18CU272

SHELL FLAKES UP IN 3 AREAS OF FEATURES

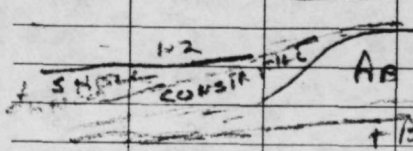


LARGE SHARDS ON TOP OF FEAS FROM LAST YEAR INDICATE LIVING SURFACE ON TOP OF OYSTERS

OYSTERS FROM FEAS 18CU272 ARE SMALLER THAN THOSE FROM 18CU271 - OYSTERS FROM CU271 ALSO HAVE LOTS OF BARNACLES

WHAT DO BARNACLES + BIG OYSTERS MEAN.

18CU271 FEA 1



P2 OVERLIES SHELL MIDDEN WHICH CAPS A8 - SHALLOW DEPRESSION FILLED WITH MIDDEN + BRICK FRAGS DUG INTO

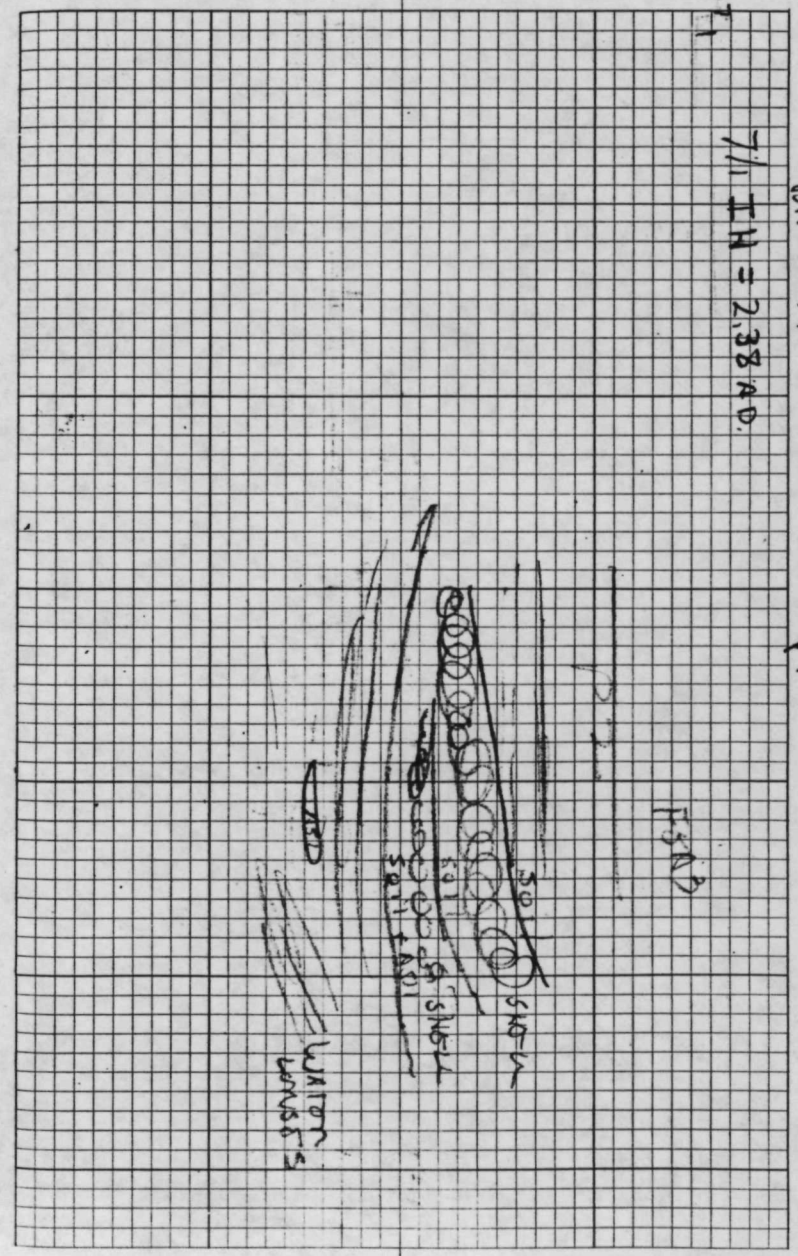
+ IN PART OVERLIES AB - SHELL +
CHARCOAL WAS DUMPED ON BLAC
LEVEL

AB IS OLDEST
BLDG LEVEL IS NEXT
SHELL IS LATEST

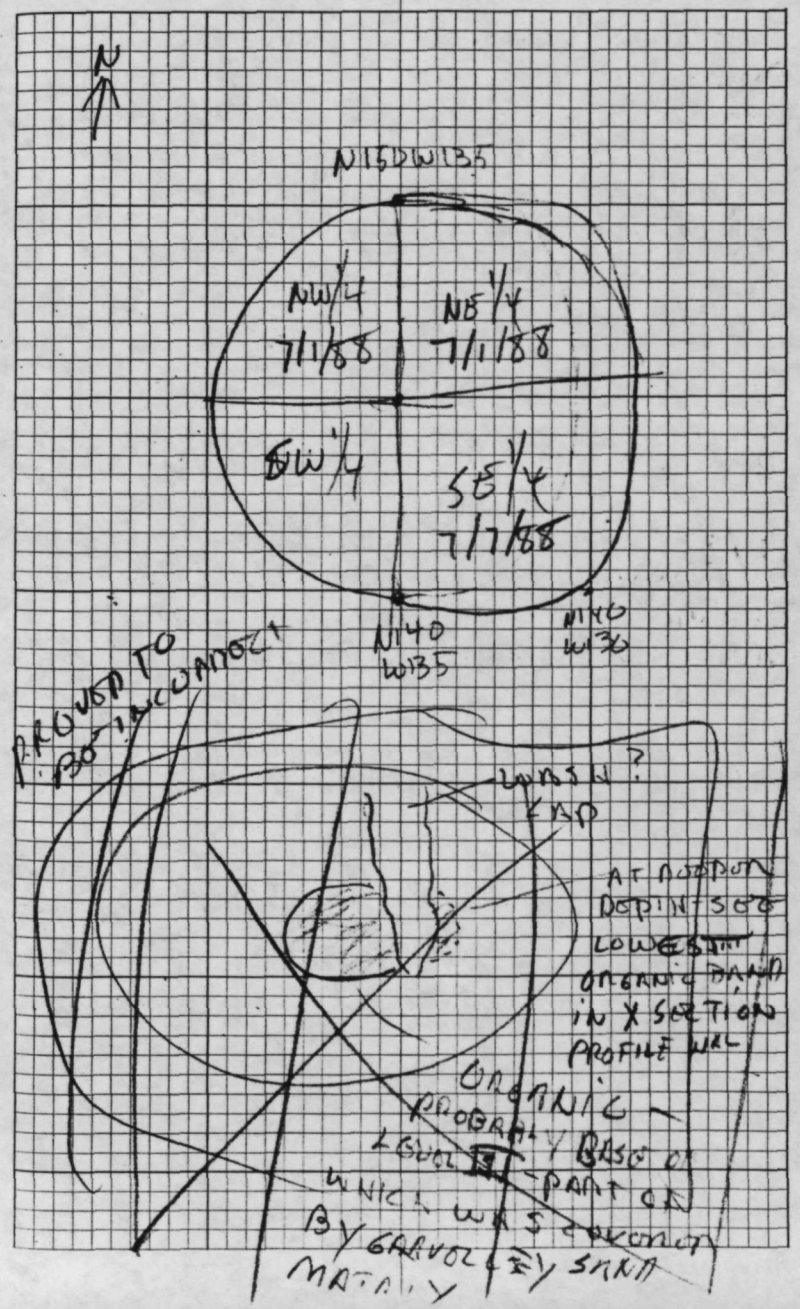
6/30 & 7/1 88 18CV272

FEA5 - A SHELL CONCENTRATION CA 3X2.5
PROVED TO BE SHALLOW + IRREGULAR -
MOST OF SHELL BROKEN + MIXED
WITH RECENT VEGETATION + SOME
NOT SO RECENT - CONSIDERABLE
WHOLE SHELL ALSO - MOST SEEMS TO
LIE ABOVE A PLOW ZONE - SO
IS PROBABLY HISTORIC - PIECE OF BARBED
WIRE CAME FROM BELOW SHELLS - PIT
IS PROBABLY HISTORIC DUMP PILE
DISTURBED BY PLOW + SMOOTHED BY
BULLDOZER

FEA3 (SEE SKETCH)
BASE SEEMS TO HAVE BEEN HUGE OPEN PIT
HAVE EPISODES OF WASHED IN FILL - WITH 1ST
ORGANIC LEVEL COMES 1ST DELIBERATE +
SIZEABLE DUMPING ACTIVITY - THIS
INAUGURATES LATER DUMPING EPISODES
THERE FOLLOWS A SEPARATE CAP
NW 1/4 BEGAN WITH
LEVEL 2 - 1 (SOIL) COMBINED
WITH SHELLS



TURTLE'S HOLE IN SITU AT
LOWER PART LAYER IV NE 1/4
7/7/88 ARRIVED CA 10:30
ALL PICS OF FEA 3 TO WEST OF
SOUTH WALL - BARSE PROFILING PT.
P.M. STARTED S.E QUAD - SHELL AT
SURFACE - ALSO 3 FCR -
FINISHED WITH 17 FCR
MIDDEN / HEARTH OVERLAY SHELL -
THIS IS WHERE ALL THE POTTERY
FROM 1987 DIGS CAME FROM
TOOK LAYER I OUT - NOW
ON SHELL LAYER (LAYER II)
SPLINTER BONE AWL RECOVERED
1ST THING.
7/8/88
STILL ON SHELL LAYER II IN
SE 1/4
BAGS
FEA 3 SE 1/4 LAYER I → FLOTATION BAG (5 GALS)
7/7 FEA 3 SE 1/4 LAYER II + AWL, CHARCOAL
& BONE BAGS
FEA 3 LAYER IV NW 1/4
7/8 FEA 3 SE 1/4 LAYER II + BONE + CHARCOAL
FLOTATION BAG (5 GALS)
FLOTATION BAG WITH LOTS OF
NUTS FROM POCKET IN LAYER IV-V
LAYER IV BAG WITH ASSOCIATED
BAGS



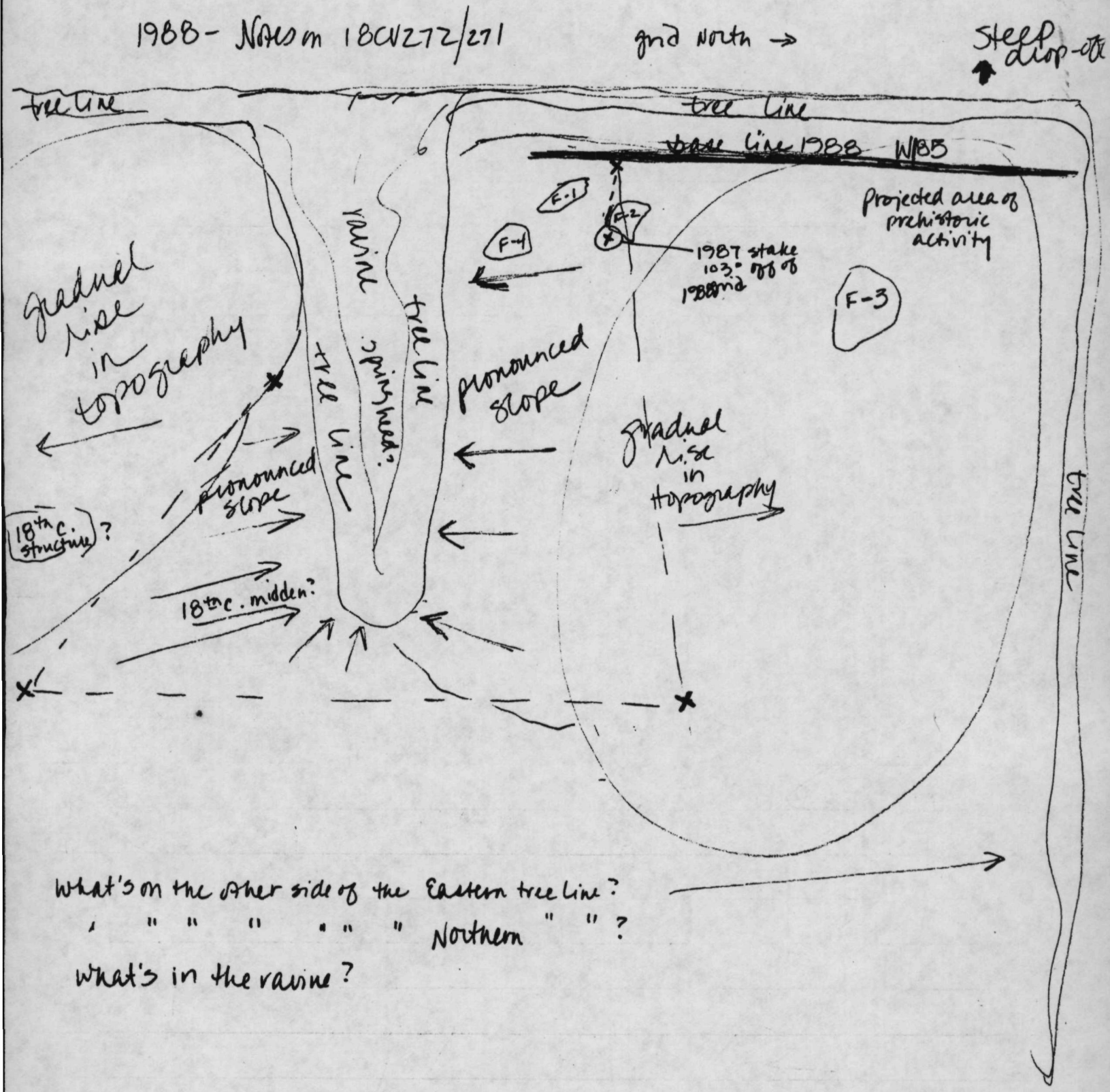
BELOW LAYER III SERIES OF
DUMPING INCIDENTS TO VERY
BOTTOM - LAYERS IV & BELOW
NOT SCREENED BUT SELECTIVELY
COLLECTED - NUMEROUS LARGE
STONES - QUARTZITE/QUARTZ
DISTAL FRAG ACORNS
IN LAYER III FOUND CHERT/
JASPER FLAKES + JASPER
PISCATAWAY

MILEAGE 7/8/88 179 DOWN

7/11/88
ARRIVED @ 7 A.M. - MADE (?)
ARRANGEMENTS FOR MACHINE - NO
MACHINE UNTIL 6:30 AM TUES

CWash | J Walker
6-15-88

1988 - Notes on 18CV272/271

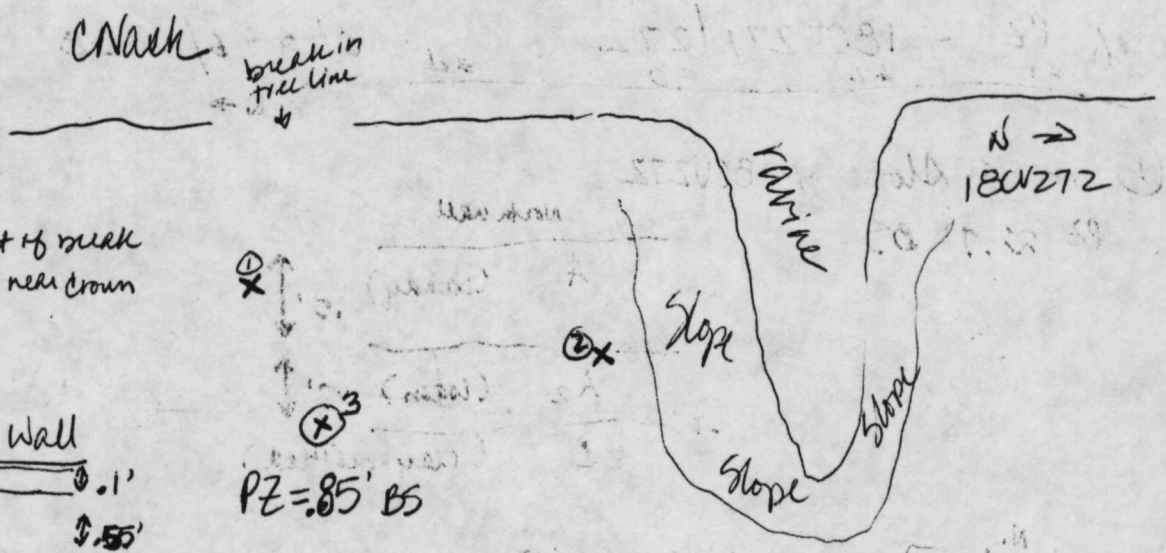


What's on the other side of the Eastern tree line?

" " " " " " Northern " " ?

What's in the ravine?

18CV271 CNash



① ca. 150' East of break in treeline - near crown of hill

Profile of S. Wall

sand	.1'
A'	.55'
mottled loam	.2'
B	

PZ = .85' BS

② ca. 25' south of ravine - on slope

Profile of S. Wall

sand	.1'
A'	.46'
mottled sand/clay	.20'
B	

PZ ≈ .76' BS

NB - West wall contained plowed brick in A' at .6' BS - near transition to mottled soil -

③ in middle of 18CV271 - area of heaviest artifact concentration. Ca. 50' S. of shell pit feature.

Profile of S wall

sand	.2'
A'	.3'
mottled, w/ brick / shell	.3'
B	

PZ ≈ .8' BS

NB - This may be the edge of a midden (historic).

18CV271

6/16/88

N211W

Trees

ca 24'

ca 90'

.9 pz shell

15'

.8 to shell

1. shell gets heavier, more compact towards bottom

brick

1.5 pz

orange mottles throughout brick

top (.6 very sand)

WM6-1 historic materials

WM6-2 pz .75

1.6 burned garbage - sheet midden

1.25 - mottled zone (A)

mottled sandy horizon

.9 pz (end of veg.)

1.5 brick shell

1.8 - beginning of mottled soil

JW-1 historic materials

Evaluation of PZ - 18CV271/272 6/15 - 6/16 - 88

#1 #2 #3 #4

N →

J. Walker ① South Slope of 18CV272

PZ ≈ .7' BS

North wall

A1 (sandy) .5'

A2 (loam) .2'

.7' B (clay-mottled)

② moving N. toward rise in field - 18CV272

PZ ≈ .8' BS

West Wall

A1 (very sandy) .4'

A2 (sandy)

B (clay-mottled)

③ moving N. toward rise in field - 18CV272

PZ ≈ .5' BS

west wall

A1 .2'-.3'

A2 .2'-.3'

B (plow furrow)

north wall

A1

A2

B

④ on rise in field - 18CV272

PZ ≈ .8' BS

North wall

A1 .4'

A2 .4'

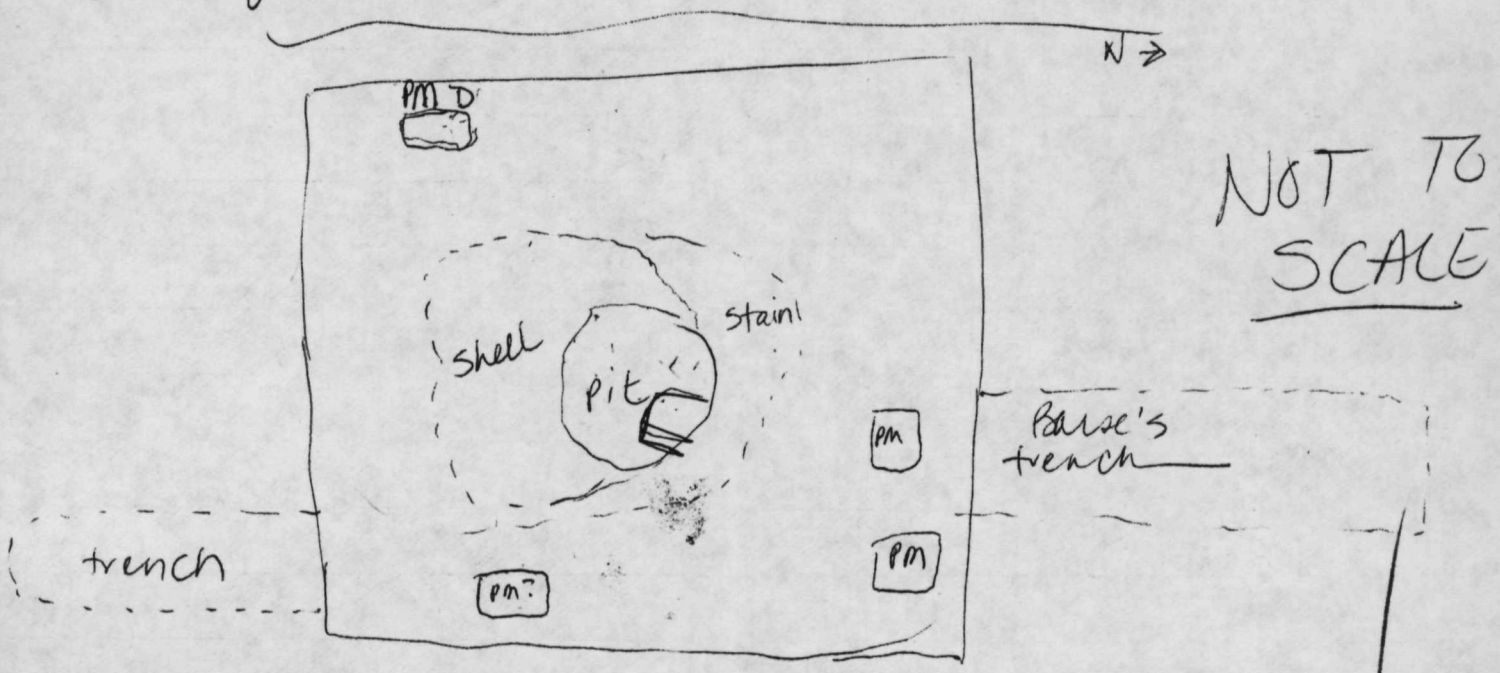
B

get PM designations marked

CWash
Field Notes

6/23/88 Wed.

Cheryl, Janice, and I in field @ 6Am – Bill and Joan @ 6:30.
Bill Barse arrived at ca. 9:15 –
continued working at 18CW272 – removing plowzone/overburden from feature 3 –
removed plastic from area surrounding pit that was excavated last year – pit still partially filled/covered.
Plan of Feature



Put a nail in tree along W. edge of field – marked by surveyors for project already – nail .695 Above Datum – sighted stake at N140W160 and flipped scope to – then took depth shots on all features that have been uncovered. Barse opened a trench oriented N-S on eastern side of feature – located a long quartzite biface while shoveling. (ca. 3").
Joan mapped all features.

Cheryl and I moved to 18CW271 and began opening the hole that Bill started last week in shell concentration. We were still trying to find an edge when we quit for lunch – We are looking for the transition to subsoil, too.

Testing Western Edge of 18CV272

6-23-88

Test Pit @ N160 W185 west of Cheryl/Janice

at tree line

(#2 from 6-22-88)

Removed humus & plowzone; throughout PZ, brick frags - at transition of B horizon; found glazed brick (ca. 6" BS) and bone fragment - decomposing badly. This was wrapped in aluminum foil - skimmed B horizon. tree roots abundant

found no features, no intact brick or other artifact.

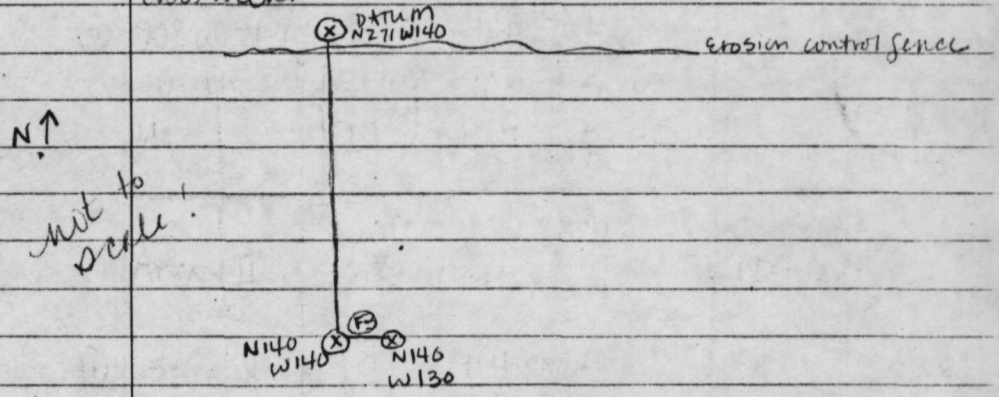
J.W. to draw profile.

18CV272 1988
CNash Fieldnotes

7-13-88 CNash

Working at 18CV272 - Ran stripped areas South and west of Feature 3 on 7-12; after shovel skimming we have identified ca. 20 features which must be mapped in, as well as the the extent of the stripped area.

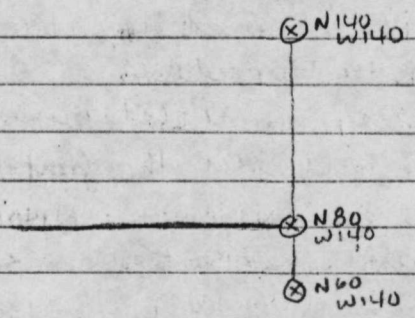
Only 2 stakes from re-established grid remaining in field after the front-end loader's march to the sea: N140W140, N140W130. They are on the southwestern and southeastern side of feature 3, respectively, and N140W140 is very loose. The 2nd datum, established by WMG and myself after the demise of the first, still exists at N271W140, but is separated from rest of site by an "erosion control fence" erected along edge of construction area this week.



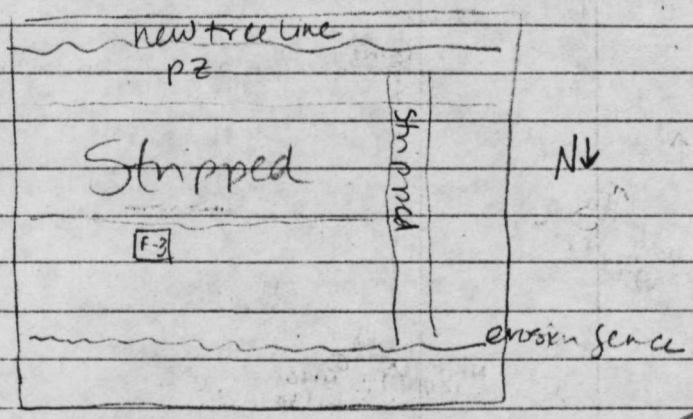
WMG wants to re-re-establish the W140 line to the south, as there appears to be a good-sized feature at SW edge of stripped area. First, though, stripped area must be mapped - transit set up on N140W140 to do this.

* NOTE * Because this stake is so loose, and leaning, I did not set up so that plumb bob hit nail in stake; rather, it hit on top of stake, ca. 01' west of nail

my
attempt to compensate.
Shot in stakes @ 80N 140W and 60N 140W.
Later, will follow 80N line out to edge of stripped area.



Establishing extent of stripped area:
Cheryl lane holding stadial and moving to follow edge, while I take readings @ 15° intervals.



Area I: SW 1/4 of site [INVALID - see p. 11]

① Due South 140W line

0	UH	9.04
180	MH	8.66
180	LH	8.28

* edge of stripping is 5.1' N of stake @ 60N 140W*

② 15° West of South

0	UH	8.25
195	MH	7.88
165	LH	7.53

7-13-88 (5)

1987 Features re located after stripping

Feature 1	UH 7.70	0	East of
≈ middle	MH 7.42	187	south
	LH 7.18	173	
Feature 4	UH. 9.0	0	West of
≈ middle	MH 8.66	185.5	south
	LH 8.32	174.5	
Feature 2	UH 7.04	0	West of
≈ middle	MH 6.78	197.5	south
	LH 6.54	161.5	

taken from 1st set up over N140W140

N↑

not to scale!

N140 W140

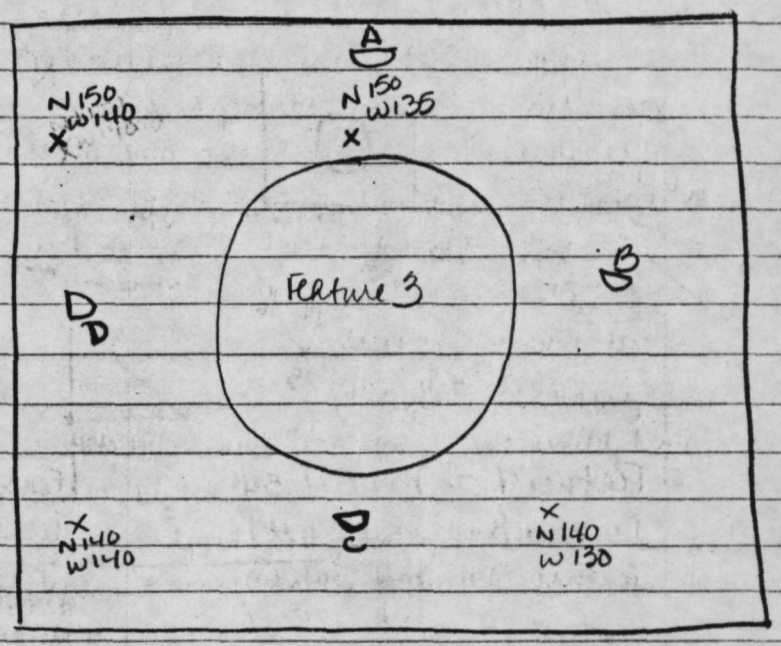
WMG wants to re-
south, as there app
at SW edge of strip
area must be mappe
N140W140 to do this
* NOTE * Because this
I did not set up so that
stake; rather, it hit on

7-13-88 ⑥

Elevation of instrument for this set-up @
N140W140 : 102.88 (2.88 AD @ N271 W140)

Elevation of N80W140 - MH 6.78 (UH 7.08 LH 6.48)

WMG wanted me to check readings around Feature 3, and felt that the N140W140 set up was too close to get accurate elevations, so wanted me to move transit to N80W140 to do this. I did this, but due to slope of field, could not get a reading on the datum to get instrument height. Dr. Barse suggested that I moved the transit to one of the stripped areas south of the feature (an arbitrary pt.) just to get the elevations -



Elevation of Instrument for this set-up @ arbitrary pt. southwest of pit area:
101.61 (1.61 AD @ N271 W140).

N150W140 mH: 4.39

N150W135 mH: 4.43

note: these are labeled according to my map on opposite pg to the feature map by J.W.

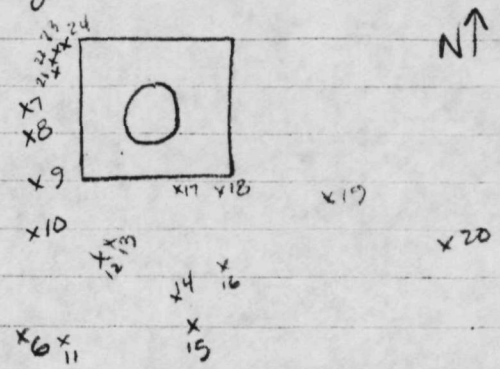
Post A mH: 4.40
Post B mH: 4.66
Post C mH: 4.51
Post D mH: 4.49

N140W140 mH: 2.75

N140W130 mH: 3.48

Elevations of Features located during stripping:

very approximate sketch of locations



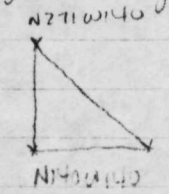
Feature 7 - mH: 4.54
Feature 8 - mH: 4.47
Feature 9 - mH: 4.60
Feature 10 - mH: 5.10
Feature 6 - mH: 7.07
Feature 11 - mH: 6.99
Feature 12 - mH: 5.18
Feature 13 - mH: 5.16

[Features 6-20 - elevations taken from arbitrary point south of F. 3]

7-13-88

Feature 14 - MH: 6.06
Feature 15 - MH: 7.49
Feature 16 - MH: 5.74
Feature 17 - MH: 5.02
Feature 18 - MH: 5.02
Feature 19 - MH: 4.94
Feature 20 - MH: 5.42
Feature 21 - MH: 4.93
Feature 22 - MH: 4.90
Feature 23 - MH: 4.86
Feature 24 - MH: 4.84
} from N140 W140

Barse offered to show me how to map distances and angles w/ the transit, a much easier and more accurate approach than that of pulling tapes from grid points. When he set up transit over N140W140 and locked in on the 140W line (N271W140 being 0°0'), however, he noted that the right triangle that should have been formed by



was ca. 15° off, meaning that if we were to map the features using the existing grid, we would have a large error by the time we finished.

☆ Decided to adjust grid, using the W140 line as a base line. Knocked in the N140W140 stake to stabilize it - appeared to move a few tenths. Shot to datum at N271W140, after N-sighting over the adjusted stake.

☆ New reading: MAGNETIC NORTH is 54° west of GRID NORTH.

IMPORTANT: This grid adjustment affects the

placement of Feature 3 and surrounding postmolds, all of which have been mapped according to the old grid. Also, affects the map of the slope along the W140 line that Bill and I did a few weeks ago. The latter cannot be re-done in the field, of course, as the stripping has altered the slope. However, if Bill (or Tim Thompson) made note of the angle between grid north and magnetic north for the old grid, we do have a way of adjusting the old measurements (by comparing that angle to the new one - 54°).

(A)

Re-shot the N80W140 and N60W140 stakes, finding that the latter moved approx. 18" to the west after the adjustment. The N140W130 stake (SE corner of F-3) was not adjusted. We were expecting a bulldozer to fill in the feature, and thought we were through w/ all the measurements around it, so we did not bother to re-set this stake.

Barse began the mapping of the features, moving from the SE to NW across the site (no features in NE). He recorded all angles - Distances only listed below —

Feature 19: 37.6' from N140W140

Feature 20: 16.5' from N140W140

Feature 18: 19.7' from N140W140

7-13-88

Feature 16: 40.4' from N140W140

Feature 17: 17.6' from N140W140

Feature 15: 60.5' from N140W140

Feature 14: 48.3' from N140W140

Feature 11: 59.6' from N140W140

Feature 6: 61.4' from N140W140

Feature 12/(13): 26.1' from N140W140

Feature 10: 31.2' from N140W140

Feature 9: 23.1' from N140W140

Feature 8: 23.2' from N140W140

Feature 7: 27.6' from N140W140

Feature 21: 30' from N140W140

Feature 22: 31.2' from N140W140

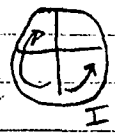
Feature 23: 31.4' from N140W140

Feature 24: 29.9' from N140W140

* INSTRUMENT HEIGHT over row N140W140:
102.18

I realized that the distances taken in the morning for the mapping of the stripped area would be off, as the transit was set up, at that time, over the old N140W140 stake. Before taking down transit over new set up, then, Chuyt Lake and I M - did the measurements for the stripped area, again at 15° intervals.

Area I : SE 1/4 of site



① Due south 140W line	0	UH	9.16	edge is 7.2' N of N60W140
	180	MH	8.80	
	180	LH	8.44	
② 15° east of south	0	UH	9.06	
	165	MH	8.64	
	195	LH	8.20	
③ 30° east of south	0	UH	8.80	
	150	MH	8.28	
	210	LH	7.78	
④ 45° east of south	0	UH	7.53	
	135	MH	7.08	
	225	LH	6.62	
⑤ 60° east of south	0	UH	6.08	
	120	MH	5.68	
	240	LH	5.30	
⑥ 64.5° east of south - edge	0	UH	6.10	
	115.5	MH	5.70	
	244.5	LH	5.32	

7-13-88

Area II: SW & NW 1/4's of site

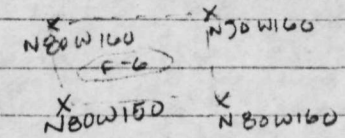
(1) 15° west of south	0	UH	8.06
	195	MH	7.71
	165	LH	7.36
(2) 30° west of south	0	UH	7.56
	210	MH	7.23
	150	LH	6.92
(3) 45° west of south	0	UH	6.18
	225	MH	5.94
	135	LH	5.71
(4) 60° west of south	0	UH	5.50
	240	MH	5.30
	120	LH	5.10
(5) 75° west of south	0	UH	5.49
	255	MH	5.32
	105	LH	5.14
(6) 90° west of south	0	UH	5.32
	270	MH	5.14
	90	LH	4.97
(7) 105° west of south	0	UH	5.40
	285	MH	5.22
	75	LH	5.03
(8) 120° west of south	0	UH	5.31
	300	MH	5.13
	60	LH	4.96

The distances for the 1987 features need to be re-done.

7-14-88

(1)

Working w/ Cheryl Lane, Camille Quiros (field school) at 18CA272 -
Set up transit @ N80W140 (re-shot in yesterday), and put in two stakes to the west: N80W150 and N80W160. Did not shoot out further to the west, as we are hoping for the return of the pan to strip off more PZ in that area.
Feature 6, a fairly large (ca. 4'x4') dark stain w/ pottery is in the vicinity of these stakes, and we triangulated a 10' square off of them. Also put in nails @ 5' intervals.



Camille and Cheryl mapped F-6 and F-11 (a post mold[?] near F-6), and Camille bisected F-6, excavating N½. All soil from feature excavations screened through 3/8" mesh -

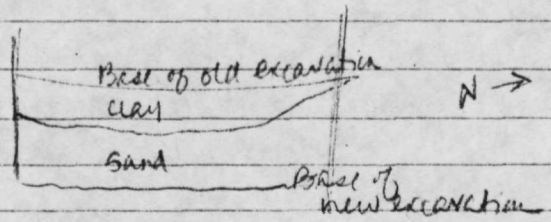
Feature 6 is difficult to follow in the soil - much smaller and more irregular below surface than on top. Trying to teach Camille how to follow the stains in her excavation, but this is difficult, given the lack of regularity in the stain. It appears to be a mixture of sand and clay, of varying colors - has some charcoal throughout. We are hard pressed to call it a pit. Camille began excavating a very large Mockley sherd near the profile wall - still in situ in NW area of feature -

Cannot tell depth, but appears to be 9" long. I had her excavate around it - leaving it in place. Small amts. of bone and sherds also coming out - also one possible hammerstone -.

Cheryl finished F-11; she excavated the S 1/2, and found it to be very shallow, but regular, w/ some oyster shell in the middle. Profiled it and moved to Feature 15, a round, grey sandy stain near South edge of stripping - in erosional gulley.

I finished digging the test below the base of F-3 - ca. 2' deep - no soil being screened, but a few artifacts have been noted. The goal is to follow what appears to be a prepared (?) clay surface that caps the sandy clay well at base of pit -

SIMPLIFIED PROFILE



The new excavation is in the eastern side - and was interrupted by much needed rain on Tuesday. Waited until today to resume work to give it some time to dry out.

7-14-88 (3)

lots of charcoal and roots in the sandy level - recovered thick sherd w/ pebble temper from this level, as well as two jasper flakes - not sure if roots brought this down, or if the sandy level is also cultural.

Drew basic profile of the E wall, concentrating on the clay level - feeling very uneasy about the sandy level. Augured twice in base of new excavation - no artifacts, no soil changes. Noted that sandy level is highly variegated, both in color and texture but did not map in any of these smaller layers -

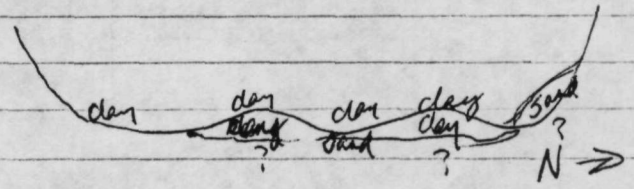
7/18 -1-

Bill G., Cheryl, Carole @ 18CV272 - finishing site. Appears that we can leave tomorrow, as no other features have been located, and those exposed are almost all bisected.

Back to F-6; Bill, Camille, Joan finished N½ on 7-15; profiled bisection after screening all soil - Had a hard rain here last night, so field is very wet and soggy - big red bogged down on the way across field, but got it out after re-venting to 4wheel drive. Feature 6 filled in w/ washed backdirt - very muddy.

S½ to be excavated by shovel & screened (3/8" mesh). After cleaning out N½, followed stain in S½, and finished pit - very difficult to screen - very few artifacts. Some Mockley ware & Accsheet.

Base of "pit" disturbed by brown sand full of pebbles - realized that tree root intruded into "pit" at one time; now filled in w/ this sand. I followed soil in my excavation, looking for the B horizon (yellow-orange clay), and ended up w/ profile like so:



Wts of roots / charcoal.

Abandoned pit before reaching B horizon all the way around.

Bill finished F-10, which I began on Friday - when we left then, weren't sure if it was a post or a tree, but this continuation of the excavation showed it to be the latter - not going off @ right angle.
Not photographed, or profiled.

Cheryl helping me @ F-6, then moving on to F-1 at 18CV271, where Bill set up screen and continued the trench to the west. This is in the historic midden - Recovered artifacts in midden and in PZ, but not in shell layer. Lots of hand-wrought nails, especially. Worked here until lunchtime -

After lunch, moved back to 18CV272 - Cheryl began working on other features directly W of F-3. Chase came in the afternoon, and he continued his search for his Hockley house - Bill G. test pitting around field in search of features. I put in two test pits in "Piscataway area - found nothing intact. Collected two pts: 1 rhyolite Selby Bay in trench side, west of F-3, and 1 jasper Δ at E edge of stripped area.
In late afternoon, mapped the possible house coming up to the W of F-3, w/ the stains measured as relative to each other, not from a grid pt. Attempting to discern a pattern, but Bill G. is skeptical.

7/19

Barry, Cheryl, Carole back at 18CU272 to finish off site -

I profiled and drew plan map of features - Barry and I walked over to 18CU271 & 279 to see what was going on. Found no new features in stripped area of 18CU271 (stripped by front-end loader, pan - for construction, not for me!), and saw that the Berger crew had uncovered many features @ 279.

Discouraged because of our problems in securing machinery to remove balks around F-3; still no sign of further post molds, but we are moving dirt by hand while Cheryl excavates the ones that have been uncovered. At least it's cloudy - a good day to work.

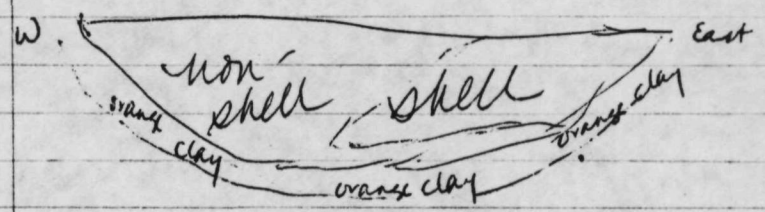
After lunch, the older gentleman who owns the heavy equip. visited us, and asked us what we were finding. I told him that we'd never gotten the bulldozer that had been promised us, and he offered to bring one - he began scraping/pushing dirt into F-3 from the North - located two post molds and another feature -

The feature had not been visible on the surface - After dozer went over it, it cut into a shell concentration

We began clearing the overburden, and uncovered F-27, a pit that appeared to be half-filled w/ shell - The stain itself was very dark - turned out to be ca. 7' across (E-W), and ca. 4' N-S. The bulldozer had destroyed a portion of the S½, so we decided to complete the excavation of that half and profile the bisection.

Shoveled it out by hand and screened through 3/8" mesh. Recovered mockley ware in pit fill, as well as bone, charcoal, shell, and some lithics - quartz cores, rhyolite flakes, jasper core frag (?). Bone seems to be much better preserved in shell zone. It's difficult to discern any soil change between shell/non-shell zone - seems to be single episode fill in non-shell section

Profile:



A floation sample was taken from the shell layer.

left @ 5:30.

Bill Barsis
Field Notes -
F-3

18CY272

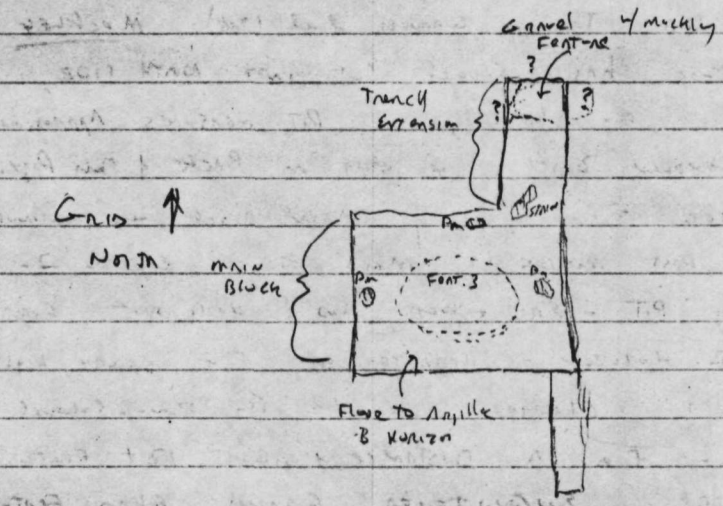
FIELD OBSERVATIONS - SOLOMONS, CALVERT COUNTY MD.
JUNE 1988

THURSDAY JUNE 23, 1988

ARRIVED at SITE 9:00 AM + - GARDNER + CREW HAD OPENED LARGE BLOCK UNIT TO BASE of Ap - Re-EXPOSING OLD FEATURE #3. LARGE PIT w/ SHELL. THIS PIT DISCOVERED LAST SUMMER DURING PHASE II OPERATIONS (See report by TAA Thompson Gardner et al 1988). MOCKLEY Phase. Feature has shovel cut into NORTH SIDE, ABOUT 2' WIDE By 3'-4' Long. PIT MEASURES APPROXIMATELY 8' X 8' X UNKNOWN DEPTH. See MAP on BACK of This Page.

SHOVEL CLEARED TRENCH off of MAIN BLOCK to CONTINUE CHECKING for POST MOLDS. MAIN BLOCK EXPOSED 2 - 1 either SIDE of PIT - EAST + WEST, AND 1 NORTH of IT. GOOD STAINS INTO B HORIZON - CHARACTERIZED BY SANDY, LIGHT GRAYISH-WHITE color. CLEARED TRENCH By ROUND SHOVEL to BASE Ap - for A DISTANCE of ABOUT 12+ FEET (FIVE FEET WIDE). ENCOUNTERED GRAVEL FILLED FEATURE AT NORTHERN END - CLEARLY INTO B HORIZON. CUT SMALL PROFILE TRENCH ALONG WEST WALL of This TRENCH EXTENSION of MAIN BLOCK, SHOWING BASE of Ap - top of B, (GOOD Argillic B) AND WHERE IT IS INTERRUPTED BY FEATURE. CUT SMALL HOLE INTO gravel FEATURE loose, SANDY TEXTURE - NEARLY DEVOID of MATERIAL - though FOUND 1 MOCKLEY SHELL WITHIN IT. Likely Pre-Contact Cultural FEATURE - MOCKLEY or INTRUSIVE ?? SMALL BRICK FRAGS + OYSTER SHELL IN Ap ABOVE IT. Also - LARGE CTZT DIFACE IN Ap TOWARDS SOUTH END of TRENCH off of MAIN BLOCK. CLOSED OUT on 4:30pm WHEN VIOLENT THUNDER STORM BEGAN TO ARRIVE - UNCOVERED FLOORS SO AS to SOFTEN By MEANS of RAIN.

NEXT PAGE


Gravel w/ muckly Feature
Trench Extension
Grid North
Main Block
Feat. 3
Flow to Argillic B Horizon

18 CY 272

Solomons Patuxent Point Site June

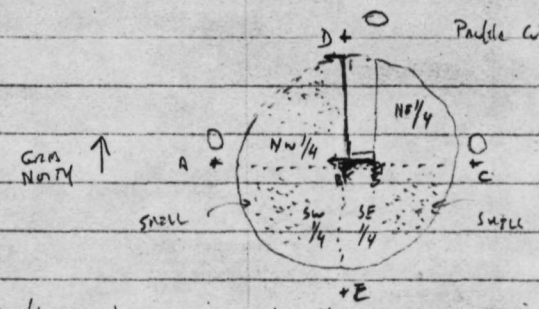
June 24th 1988 (Friday)

Arrived 6:40-6:45.

Helped clean off main block - Feature 3 + post molds - for photo's.

X-sectioned the 3 post molds around pit. East + west P.M.'s are similar in construction + depth - Actually are post holes not molds, at least to my eye.

Began to clean out last summer's test of Feature 3, to obtain profile. See drawing below for location.

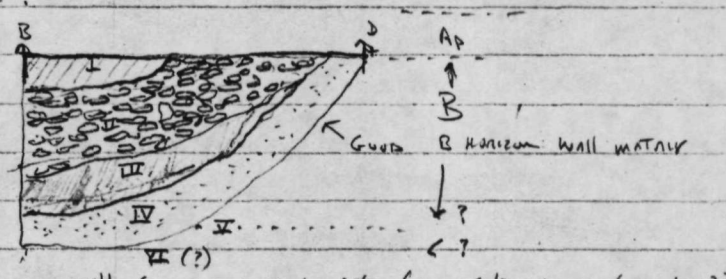


Profile cut (in old excavation)

+ = grid pts 5' horizontal

Diameter ≈ 8' across

Profile cleaning took place along west wall of NE 1/4. Cleaned wall and exposed shell lense clearly. Followed B horizon along this profile to obtain complete fill sequence as indicated by layering of pit strata. Profile (schematic) below shows this layer sequence:



I = Fill cap of central pit (non cultural or sterile??

II = Dense shell layer following "bowl" contour of partially filled pit

III = Dark brown organic rich soil beneath shell - occasional shell, bone, pottery

IV = Sandy fill pit liner - 2 large mocking shells

V = Argillic B horizon → VI - C horizon??

18 CY 272

Solomons – P Muxent Point – June 24th 1988 continued

Profile on preceding page shows pit fill. Sandy layer (III) appears to be nearly devoid of organics – though recovered large muckley sherds (size of my hand) in this fill layer. Is this sandy pit fill layer analogous to those of "cremation pits" e.g. Stony Brook & Orient on Long Island??

Pit fill layer III, which is brown in west wall profile of NE1/4 becomes very dark in south profile of NE1/4, as indicated by drawing below:

Feature 3
Looking south
Small profile section of Feat 3 B'–B (see map previous page for profile location)

Shell layer (II) dips markedly to east – indicating that deepest point is off center from pit mid point. Other layers I + III + IV show this dip as well. Layer III becomes very black in this profile section, & has charcoal + occasional bone. + odd sherds on 2 of muckley ware. B horizon is (& C) reached only along west wall – C horizon may be cut into along east. Finished profile cleaning along west wall of NE1/4.

Dipping profile above suggest following excavation procedure.

1) Remove NE1/4 entirely, cleaning off south wall;
2) Remove NW1/4, by strata indicated, to obtain long east-west profile – should cut deepest part of pit.
3) Remove SW1/4, exposing west facing wall of remaining SE1/4 – apparently the deepest section of feature.

Note! all muckley sherds appear to be "classic" in regard to paste – temper, surface treatment. No rims. Several rhyolite flakes from profile cut of Feature 3. NOTE: All artifacts from profile cut are labeled as such – from 1 provenience only. 1 exception is large muckley sherd – wrapped

18 CV 272

Solomons - Patuxent Point - June 24, 1988 continued

In Foil, which came from Pit Fill Layer IV. Sandy Liner material.

In Northern Trench off of main block Janice & Cheryl cut trench through gravel feature perpendicular to trench line. In NW 1/4 or Sunny Edge of Gravel Feature is apparent, having been cut into B horizon. Small to moderate quantity of mockley sherds have come from the screening of this fill. Will need to open large area to completely expose this feature. Has dense gravel and is enigmatic in nature.

Note: 1) Need to describe soils in post mold x-sections.
2) Profile west wall of NE 1/4
3) Elevation on flag by gravel feature in North Trench extension.

Left site at 2:35-2:45 pm - visited chris at her site at milltown landing on other side of the Patuxent. Will return to Feature 3 on Thursday next week.

End June 24, 1988 WPB

June 30th 1988

Return 8:30-9:00 am, 3-1st Day since last Friday.

Continued with excavation of Feature #3, large pit. Began by cleaning out remainder of original shovel cut, exposing east profile of NE 1/4 (see plan map). Cleaned this profile and recorded the layers. There are 4 distinct episodes of pit fill in this wall as well, labeled I, II, III & IV, with subsoil layer V. Using profile as guide, began excavation of NE 1/4. Layer I was thin cap of fill over layer II shell. This layer became thicker towards east as shell layer dived deeper. Shoveled out & troweled, took flotation sample from lower part. Shell - layer II, was clearly manifested on floor, and lined up well with its profile. Shoveled & troweled out. Took flotation samples. Note: Both layer I & II

Patuxent Point 18CV272 notes

June 30th 1988 continued

Had scattered Rhyolite Flakes, Mockley Pottery + occasional QTZ flakes. Also scattered Bone in Layer II. Took Flotation Sample out of Heart of ~~shell~~ Layer. Shell Dips markedly to East + South, and then lenses out on east side, giving South wall good Profile. Excavation of Layer III removed largest Amount of Soil from NE 1/4. Core of this Layer, near Pit Center Has High Concentration of Organics - Charcoal, Burned Soil Darker color. Recovered Piscataway (?) Point from this Layer as well as several Mockley Sherds. Took Flotation Sample out of Core of Layer III. Also - Removed 2 Large Carbonized Hunks of Wood - Bagged Separately, - Could be used for Species ID - or single C-14 date ~~[illegible]~~ Base of Layer III up on side walls of Pit Does not have same organic content as its lowest part - Probably could be excavated as 2 separate sections - Though stratigraphically it appears to be a homogenous unit - regarding its deposition - will withold judgement until we get the major E-W Profile cleaned off.

Removed final Layer, - Layer III - to B Horizon / C Horizon. Due to dry soil, Difficult to clearly Detect Boundary at upper end - though after troweling + wetting, it was easy to Locate. Layer IV is consistently a Sandy Loam - Coarse - with Pebbles moderate to low quantity of charcoal, scattered Mockley sherds. Recovered also 1 Accokeek Cord marked at contact between IV-V Layers - Probably incorporated into fill when Pit Dug. Lower part of Layer IV - close to intersection w/ E-W wall - has higher organic content than upper portions. + This Layer not quite completed by Days end. Will square of Profile tomorrow, + Remove NW 1/4.

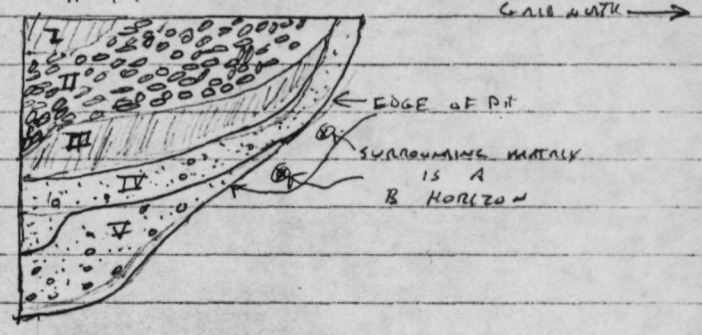
Note! Bone in foil, in separate Bags. C-14 in Foil Bags. All placed in main Day Bag - w/ Exception of Large wood sample (Carbonized) from Layer III

Solomons - Patuxent Point 18Cx272

July 1, 1988, Friday.

Began day by finishing up the excavation of the NW1/4 of Feature 3. A new development - cleaning supposed floor or base of pit shows that it continued deeper in center - for about another 10" to 1' below profile drawing indicated. This lower part, an extension of ~~layer~~ IV, should, and is, be treated or considered as a separate zone. Indeed, the subsequent cleaning of the west ~~pit~~ wall of the NW1/4 shows this lower zone clearly. This zone appears to be a layer of slump, washed in after the pit had been open for a while. The new profile (sketch not to scale) is shown below:

Profile sketch, Feat 3
NW1/4 looking west



~~Layer~~ IV on profile above is coarse sandy loam w/ pebbles - and appears to have been deposited as a series (in part) of water laid fill layers. ~~Layer IV~~ still coarse sandy loam w/ pebbles, while III is organic fine sand loam, II is shell and I fill cap.

After NE1/4 completed, I draw the above profile to scale prior to the excavation of the NW1/4. Excavation of this part proceeds by the removal of layer I w/ layer II, as I was such a small part of the section. Most of layer II necessitated removal by trowel, w/ subsequent shoveling of the loosened material. Careful troweling + sifting resulted in the recovery of a good number of mockley sherds,

Patuxent Point (Solomons Md)

Including 1 large (hand sized) rim section, 1 smaller rim, and a number of body sherds. Most appear to be not impressed. Also, portion of smoothed basal sherd recovered. Large quantity of bone was also recovered, apparently deer, bird (turkey?) and turtle. Flaking debris was mostly rhyolite, though quartz was present too. Base of Layer II peeled off of Layer III easily.

Layer III shoveled out - again revealing moderate amount of sherds (mockley) and bone. [Note! Bone & C-14 samples from Layer II & III wrapped in foil - and bagged accordingly.]. Layer III contact w/ Layer IV was relatively clear when troweled.

Layer IV shoveled out too, w/ occasional sherd & bone fragment. Notable is the major portion of a turtle carapace - upside down, in base of Layer IV going into the wall of SW 1/4. Covered it over to remove in situ w/ SW 1/4 - as it may be something other than casual disposal. Removed rest of Layer IV, ~~leaving~~ upper portion having good contact w/ subsoil B-horizon, while lower part resting on Layer V slump. Contact with Layer V was clear.

Shoveled out Layer V to subsoil w/o much difficulty. Nearly sterile horizon, though occasional sherd, & charcoal fleck seen.

Closed up around 6:30 pm - to return Wednesday or Thursday depending on machine availability.

Note: Gardner & Carole Nash restablished base lines after they were knocked out by bulldozing. Elevations taken on pit surface and other locales.

Solomons Patuxent Point - 7-July-1988 - 8-July-1988

Arrived at site 10:00am w/ Bill. To continue excavation of Ear. 3. First order of business was to draw the long East-West profile prior to the excavation of SE 1/4 of Pit. Profile drawn to scale and reflects that of NW 1/4 West wall seen earlier.

Began excavation of Layer I, which is much thicker than its portion was in NE or NW 1/4. This layer was rich in organic debris - charcoal, bone, & moderate quantity of ceramics. Came off clean from shell layer - Layer - II.

Layer II removed subsequently - Dense quantity of bone and ceramics in this layer, though much less in its counterpart in NE & NW 1/4. A fair quantity of Mockley sherds recovered also. Piscataway points recovered as well. Layer III, organic layer beneath shell, continued with high concentration of bone, ceramics & some rhyolite flakes. Layer III peeled off of IV relatively easily. Noted distinct lense or fill episode at base. Flotation sample taken.

Layer IV was a massive zone of deposition - sandy loam - coarse, with greater quantity of pebbles. Still organic material - & ceramics. Piscataway point of pebble chert - clinching association of Piscataway pts w/ Mockley & Middle Woodland!! Noted distinct dark layer at base, signifying separate fill zone. This was removed as separate part, though still called Layer IV - separate float sample taken. Drew profile of west face of SW 1/4, and indicated this lower part as Layer V, a separate fill horizon. Many carbonized nuts in it. + 2 large Mockley sherds, seen in profile. Left at 4:15pm Friday afternoon.

18CY 272
Patuxent Point / Solomons - July 11, 1988

Returned to site. X-sectioned new post on south side of pit. This gives 4 posts surrounding feature 3. Continued w/ excavation of SW 1/4, begun earlier in day by C. Nash & Graham. Removed all layers individually with no problem. Removed base of turtle shell from Layer IV, and remaining portion of sherds seen in SW 1/4 profile. Also - excavated 1 large mottled cord marked sherd in Layer IV. Layer V was excavated as a small separate layer. It occupied only lower part of pit, beginning about 1/3 - 1/2 way down the side of the pit. Recovered crude piscataway pt - or pt - blank of qtz, from Layer IV also.

Monitored machine stripping of area - located old feature, plus several smaller stains and posts. Cut small hole into base of new excavated feat 3 - floor appears to be a prepared, packed clay floor!! - Will finish cut in profile tomorrow.