VOL 1

18 MO 1

SUMMER 1990
SUMMER 1991
SUMMER 1994

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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.

BEING A TRUE ACCOUNT OF THE EXCAVATION OF THE HUGHES SITE IN MONTGOMERY COUNTY, MARYLAND

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28 Feb 1990 - Planned to excavate this summer at Prehistoric Park on near Frederick, MD - but site fell through. Made call today to Howard MacLeod and told him if he knew of late prehistoric site within driving distance of American University - he recommended Hughes (18 MO 1) site, adds that must remain to be excavated at that site.

2 March - At Tyler Bastian's Office in Baltimore to see file on 1MO1 and other nearby sites. Given name of Cliff Norton - manager of McKee-Beshers Wildlife Management area that holds site - (301) 258-0817. Made appointment to see him at site on Tuesday 6 March. We later cancelled. Visit site that evening for print time -

(2)

15 March - Meet Jeff Horton and Ken D. Tougly (Regional Biologist) at site. Show them site and they seem to support our excavation plans.

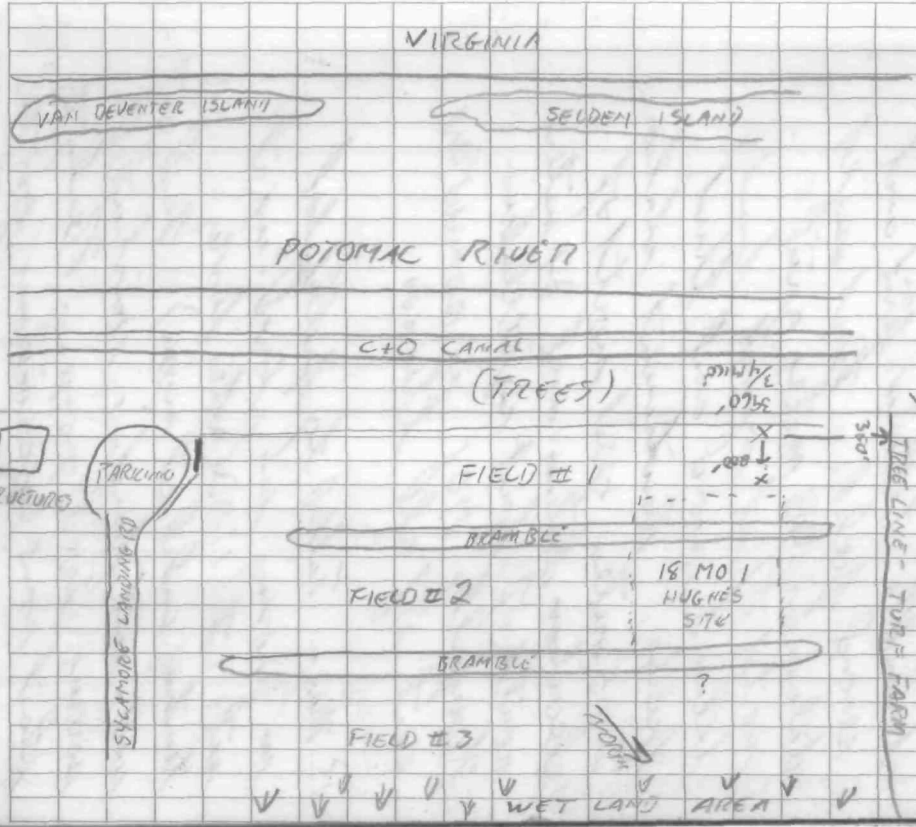
24 March - Meet Mac McDaniel to walk over site - make sure we are in correct location

6 April - Issued Archeologist Permit by State Archaeologist to excavate at site. Home free now - just hope there is something left of site to excavate.

6 May - Chris Jackson and I spend day digging shovel test pits at site to determine East - West limits of site. Will use to determine placement of grid. Put in 6 row of stps along bramble line between first and second fields. Recover a good deal of

material. Two greatest concentrations are about 100 meters apart - may be edges of village ?

General Map of MO1 Environs



(4)

14 May - Laying out the grid. Students due in on the morrow to begin excavation. Sense of hurry is great. Set elevation datum (40 cm above ground surface) in bramble between first and second field. Back sight datum is 45 meter grid north of it against bramble between second and third fields. Instrument station is 5 meter grid north of elevation datum and 37 meters south of back sight datum. Hopefully M01 is somewhere east of all this...

15 May - Talked to fieldschool in morning and showed-up at site at 1:00 (after turkey hunting ended at noon). Laid out west-east baseline, constructed screens. Good group... Ready to start some excavations on the morrow - looking forward to artifacts

FIELD THREE + SWAMP
MAG NORTH
+22°
GRID NORTH
BACK SIGHT FROM 0,0
40M
W8
32M FROM 0,0
1 METER WIDE TRENCH BETWEEN M+16N
2M
0,0
5M
ELEV DATUM
BRAMBLE
FIELD ONE + CANAL + RIVER
114M EAST
J. DENT
C. JIRIKOWIC
BASELINES MO 1
5/14/91

16 May – Opened up first pair squares today. Squares 119 + 177 at west end of Trench and units 170 and 226 at east end. Excavating in plow zone. Many flakes and sherds coming up in screen – students slow but excited. Fair full day in field on the morrow. Completed map of all units today.

17 May – working in above squares. Pace is picking up a bit... Still in plowzone. Got later transit to work.

18 May – Squares coming down onto living surface. Square 119 has hit first. What are post-molds are beginning to pop up. Two substantial PM in #119 about .7 meter apart. Possibly three or four other small PM's. Things are getting interesting. Unit 177

is coming down on subsoil. A piece of a bone beamer appeared in this square today near plowzone / subsoil base.

MEAN DBD
.80±

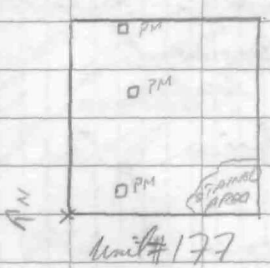
PM nominal locations

UNIT 119

Both units at other end of site, #'s 170 and 225 are just coming down on subsoil. Too early to see stains there yet. Perhaps on monday... This has been a very windy but pleasant day.

21 May - Rain delay in A.M. Arrived at site about 11:00. All squares are working and we have opened new square unit #62, adjacent to unit 119

We are trying to follow the PM's seen in unit 119 with this new square. In new unit we are excavating level one at a more rapid pace given what we now know about stratigraphy.




PM are all appearing with charcoal in center. Interesting?

Units 170 and 220 at east end of site are not as interesting. They have what may be a number of small PM's. Unit 170 has what may be a ground log feat at its south margin. We will have to see about it with a x-section. Students are beginning to map stains and we will shoot them with lasers on the morrow.

22 May - another rain delay. Came out to site at 11:30 and worked shooting in postmolds in units 170 and 228 as well as features in unit 177. Named Lard and we had to stop and go back and work in lab...

23 May - Beautiful day - at last! Photographed LU1/2 boundary in square 170, 228 and 177. Opened new unit (178) next to #177 to see if we can trace out its post molds. Three substantial pm's (#12-14) have appeared in a line in #177 and the last is right at the 177/178 wall. We will see... Unit 62 has been stopped on top of mottled layer above subsoil. This is new procedure. We will

take mottled layer, which we think is living floor off as level 2. Should help differentiate artifacts. Squares at east end are running out of artifacts. We may abandon these and start trenching to find limits of site. Good post-molds coming up.

24 May - continued work in
14N 0N all squares. X-sectioned
15N pm in east squares (170, 228) - some real others just stains. Feature in #170 turned out to be rodent tract. Closed out 170 and 228. Shoot in trench - 1 meter wide at 14 NORTH baseline. Trench goes all the way across site from west to east. Started excavation down to mottled layer. We will try to use

trench to further define site boundaries. Looking for a stockade line. Nice day in field.

25 May – Working on trench – just starting down in artifact bearing layers. Some storm beginning to come up. Opened new unit (#63) to follow out pit from #62. Beautiful day.

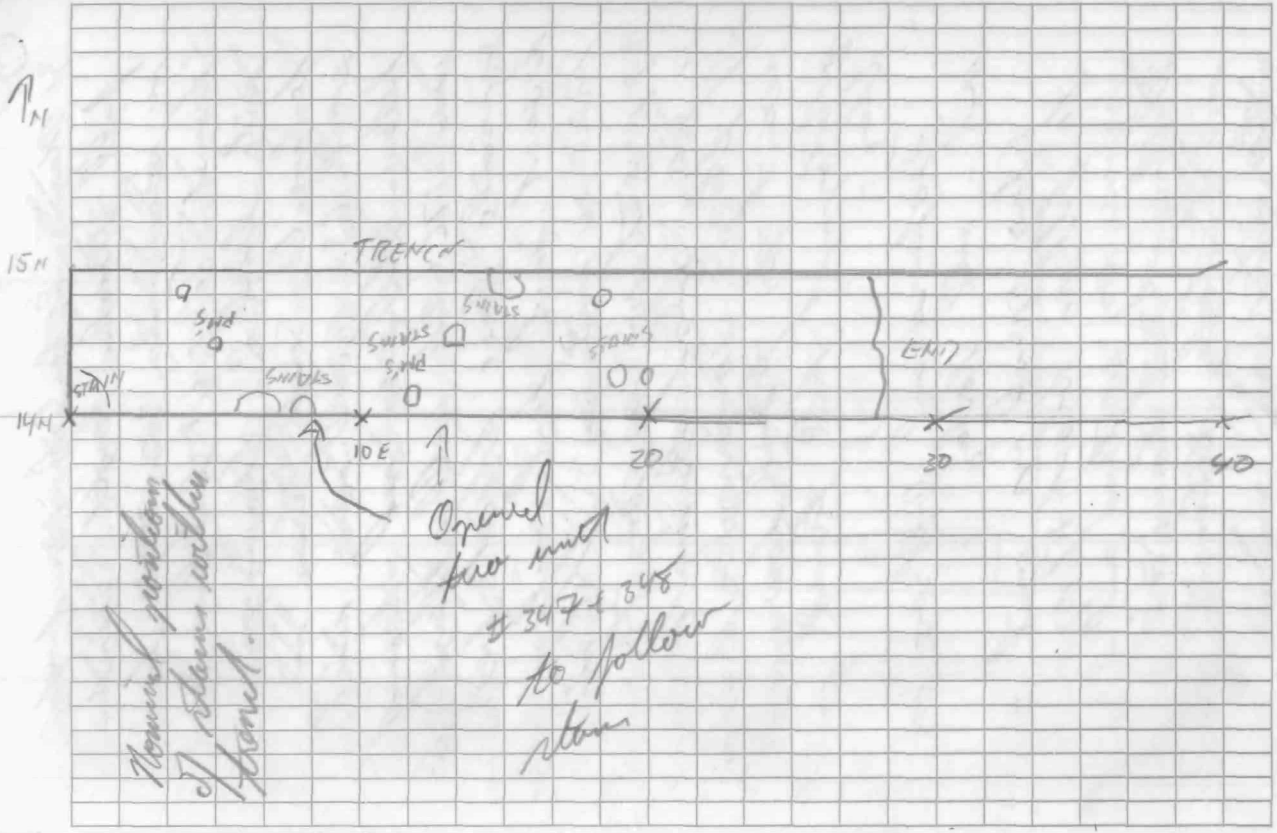
28 May (Monday) – Memorial day – gave fieldwork the holiday off. Rainy anyway.

29 May – Heavy rain all day. Worked in lab. Potomac is predicted to crest on Thursday. Hope that it does not reach us at the site. This has been a very wet field season...

30 May - Sunny but comely day. We will get in a day today. Will continue working in the "trench". We will keep going in unit #63 to see if our pm's are going to turn into something? Feldschaut should be well rested. May open another unit or continue trench out away from site. In the trench we are just coming down on living surface - no telling what will show up in it. Did this site have a palisade or not?

Open units 347 and 348, to south (immediately) of trench. We placed these near promising stains in trench.

(14)


N
15 N
TRENCH
SHRUBS
SAND
SHRUBS
SAND
SHRUBS
SAND
SHRUBS
END
START
14 N
10 E
20
30
40
Opened two more #347 & 348 to follow stone
Nominal position of stone in trench.

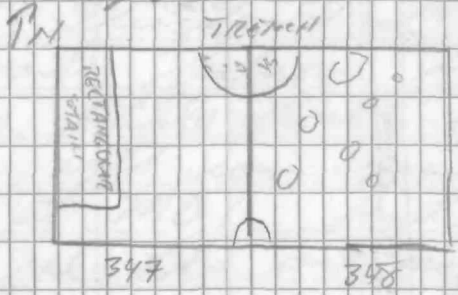
(14)

31 May - Extended trench to full 30 meter length. Working in new units, 347 + 348, along trench. Through level 1 and into level 2. Drawing pots, features (?), and stones in unit 63. Opened new unit, between old area and trench unit 176. We will attempt to excavate large block between trench and first units - There are so many pots that it appears we are going to need a large block to make sense of things. Tomorrow I also want to travel down and photograph the trench first thing.

Teofanna and Jeff are on site - all today.

Also opened up unit #190 to fill in block of opened squares on western end of site. Will not get down very far in it today. Almost time to stop

1 June - Working in pretty much the same units. Square 120 has yielded a good number of projectile points in level one. It is right in the middle of our original block. Units #347 and 348 have very interesting stains - some p.m's, some rocked, some features. Unit 347 has a very interesting rectangular feature that runs into the units next to it. Remnant of the features described in the Stearns report...




Square #176 is also active - usual artifacts - They are still a good distance from living surface

(16)

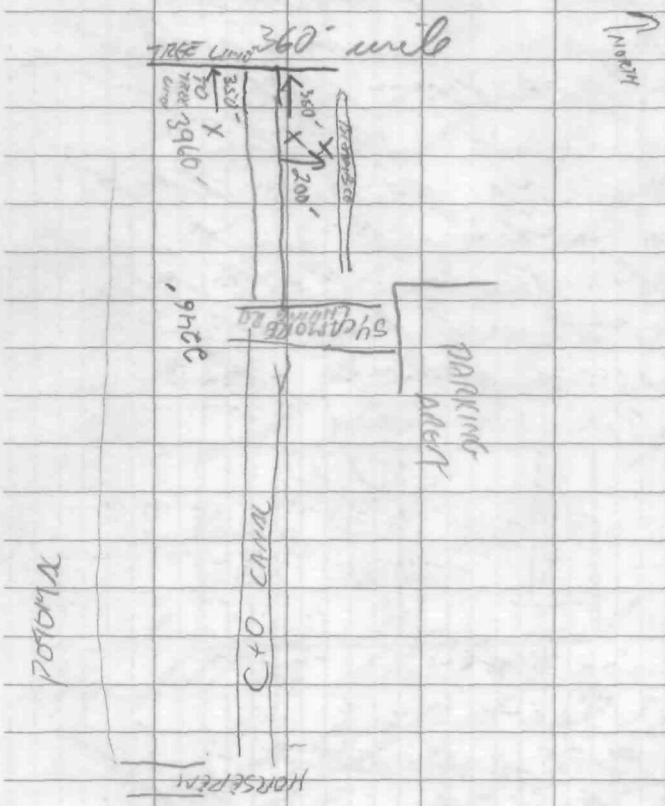
Want to match our location with Steam Report –

Steam data

200 feet mile of LED tunnel

3/4 mile west of Horsepen Branch (3960 feet)

360' circle



4 June – Mapped in site in relation to Stearns' description – we are right on the mark. Map on opposite page.

Opened new unit #5 to trace out possible house pattern.

Feature found in unit #120 – enormous amount of charcoal in dark stain. When we separated some of this charcoal it appears to be very friable corn cob! This should be an interesting feature. Should leave little doubt we are dealing with corn agriculturalists here at MO 1. Can't wait to see this one iron-rectoid-unit #176 has also turned up two interesting bone tools. Things are picking up.

5 June - Opened up new unit (#6) to follow out pm's. Unit 176 has a line of double pm's that seem to link with same thing in adjacent unit #119. The line of double p'm's is going through two units at an angle - pm's are not large? Square 346 is coming down on mottled layer - large pieces of bone have been turning up and it looks like the rectangular feature is beginning to appear. Unit 5 is also turning up substantial pieces of bone as it goes down.

6 June - Continuing excavating in open units. Opened new unit, #175. In squares #5 and 6 we are encountering thin sandy red layer (cursed red sandstone?). This appears in several areas of site, but is particularly noticeable in these two squares. We originally

thought it might be a natural deposit at interface of levels 1 and 2. Now we don't know what to think. It is the color of brick. In units 5+6 it could be a prepared floor (?) - in association with crescent-shaped portmoldie in adjacent units? Red ochre? It doesn't look like it to me - too grainy?, doesn't stain like ochre? This is a very interesting mystery.

7 June 1990 - Warmer and muggy... Continuing work in all squares. About ready to x-section feature. New unit, # 289, in attempt to link all units together. Found very interesting piece of pipe (?) or bead (?) today - I have to testify at public hearing on highway this evening.

(20)

8 June - Continuing work in all units. No new units opened. Continuing mapping and doing drawings of all units - attacked by bugs at mid-day. Hot and humid. One bright spot was that history prof. from Frederick Community College visited site - he knows of photographs of excavations here in 1930's, maps, and possibly artifacts. The wind of luck may have blown across the site today. It would be great to know more about the early history of excavations here... The Ymigers may live again. Maps might also help orient us within site. Crew is about to go over the edge... Happy that I bought a watermelon for them on the way this morning. The weekend will also heal wounds and regenerate us all.

11 June (Monday) - continuing work in unit # 289 - coming down on second level. Also continuing work in unit # 5 - almost through level 2 and about ready to map. We did a map within level 2 in this unit because some of the pm's looked rather shallow. Opened two new units - # 7 and what we are calling # 6B. The latter is to the south of our line (0,0), but I think we may be picking up a house pattern and I want to follow it out at all cost. I don't remember when the last house pattern was exposed in the Potomac River Valley - 1959? Will hope for the best in this regard. I would really like to expose a house pattern at MD 1. Must have rained last night here - we had to bail this A.M.

(22)

12 June – Working in squares 289, 7, 6b, and 5b. Latter is new unit. The units with "b" after them are south of our grid. A number of post-molds in #289 may be a continuation of double line in units to south of it. A tremendous amount of bone, pottery, etc. is coming up in western half of of 6b. Two antler projectile tips were recovered in #289 Crew is a bit slow today. We are in middle of field school and novelty has worn off. Call just came that they are finding big pieces of bone in 6b ooo Nice sheet deposit

13 June – Continuing work in 5b, 6b, and 7. Opened new unit 232. The feature in 6b, feature 24, is packed with bone and ceramics. The large pieces of bone

yesterday is a human radius. It looks like it might have a friend, we found another very long bone buried in that feature. It may be another human bone. Pottery is also very different — Potomac Creek ware. There is enough charcoal that we should be able to date it. We are bringing square next to it down to try and expose as much of feature as possible. Should be a very interesting feature to excavate.

14 June — Hot, humid...
Unit 232 is in level 2. Square 5b is coming down on level 3. 6b is through level 2 and they are mapping. Interesting series of arcing p'm's in 6b. (p'm's # 224-226). Might be part of a house. Unit 7b

is being excavated down to level 2. I have been going around and replacing markers at pm's with numbered washers — it should do less damage to pm and allow us to visualize patterns better. Hot day in the sun and we have lab tonight...

15 June — opened up unit #4 to see if we can put up are of pm's that starts in 6 b and runs through #5, continuing in other units. 7b is coming down on level 2 and 5b is about complete. Weekend coming up...

18 June — Monday... Opening new unit, #233, continuing on #'s 7b and 4. Unit 7B is at 2/3 interface by late P.M. Interesting curved stone found next to feature. Unit

#4 is in level 2. New unit, #233, is not far above level 2.

Very hot and humid today. Crew is doing fairly well given this is pretty weak of fieldschool and given the temperature

19 June – Warm and somewhat humid with thunderstorm at first. We have opened a new unit, 633, to south of of grid. Continuing work in units 233 and 4. Both of latter are down in level 2 with p'm's and features beginning to appear.

Hope that unit 233 will have some pm's that match what I see as the beginning of a house. For that matter, the same is true of the other two units - I think we have pieces of two houses.

20 June - Finished mapping in unit 4. Pm's and small features. Unit 233 was stopped in level 2. We stopped to lend large stairs and two pm's in #233 intact. This appears to represent west end of oval house about 5 meters long and 3-4 (?) meters in width. We have series of pm's about 35-40 cm apart arcing into this square. Look good to me. Opening up more units to expose this structure - Unit 235, nearby, may pick up other end.

In unit 63B we are just coming down on level 2. Large feature is evident there. Just opening up 4B to follow other line 5 yrs. May be second house... Nice day not too hurt and crew is in good spirits... after a lab night also - I hear from weather report we will pay tomorrow.

21 June - Continuing work in squares 4b, 63b, and 235. Opened square 234. Nothing much happening - going down in all units. I went back to AU early to write and answer memos.

22 June - Unit 235 is down to level 3. Stain on surface - one small feature

and post mold. Will go below this to find other pm's. Opening unit 64 b and still excavating in level 2 in unit 4 b. Hot and humid - long week and people are dragging.

Later that evening - drove out to Frederick to see collection originally made by Ralph Fout. Collection is now owned by his son Dan Fout who lives in Burketsville (301. 834. 9523). Dave Folty, a history professor at Frederick Community College, introduced Dan to us. Most of the collections were from sites along the Potomac other than Hughes. But Dan's father had been associated with Nick Vinger - only after the latter's excavations at 18 MO1. Apparently they

all were really interested in excavating skeletal material material and had decided to start a museum of local Indian artifacts in Frederick. We had a good chat and then Chris, Jay and I went up for a weekend at Merry Manor...

Directions to Dan Fout's house —

Rt 270 to 70
↓
get off at Buckeye Myth
Middletown
↓
onto US ACT 40
↓
go into Middletown —
second traffic light turn
left on Rt 17
↓
follow that 6 miles to
Burkettsville

(30)

at stoplight turn right
↓
4th house on right
light brick / 2 stories / black shutters
#7 West Main.

History of archaeology subsidiary
there - it is clear Ralph
Fouts and maybe Yinger were
part of T.D. Stewart's little
corps of archaeologists in
the 1950's - 1950's. This may
be able to use some of this
as historical background for
her dissertation.

25 June - Nice day. Moved
out unit 4B - not much in
it. Unit 234 is coming down on
level 2 as is 64B. Opened up
unit 236. I'm am leaving
early to return to AO -
paperwork.

643
236
293

(31)

26 June - Continuing work in all units, 643 and 236. All are coming down on or in level 2. Opened up new unit #293. I spent most of day contacting media. Washington Times sent out reporter and photographer.

27 June - Hot and humid - completed unit 236 - pm's are arising to complete house pattern. Coming down on level 2 in unit 293. Opened unit 290. Excavating second feature, #22. Coming down to end of fieldschool. Michael Johnson, Larry Moore and friend visited site.

28 June - Continuing work in all units - coming to point before end of fieldschool

We are also starting to excavate some features. Hot and humid.

29 June - Last day of fieldwork... Finishing up some squares and excavating features. Things are winding down.

5 July - Back in field - quit this and myself. Worked on feature 22. Wonderful refuse pit. Still attempting to excavate half of it. Tremendous amounts of bone, charcoal, and pottery. Don't think I have ever excavated in Potomac Valley same out of pit. & that we have most of a Keyser Ware vessel and plenty of charcoal to date it. Very deep pit for Potomac Valley. It may be a long time before we see another like this.

Will continue tomorrow trying to get to bottom. Temperature hit 100° today.

6 July – Continuing on feature 22. Many artifacts being recovered. Near bottom of feature, which is about 26" deep, we recovered an entire beamer – lower deer leg bone. Just unbelievable. One of most prolific pits I have seen. We still have other side to excavate also. Who knows what is there? We also have recovered about a half pound of charcoal. $C^{14}$ date should not be a problem. Weather is beautiful today – in 80's, breezy, and clear.

7 July – Saturday – nice day in field. Just Chris and me with visit from Dave Foltz's fieldschool

from Freeland Community College working up river. Chris and I completed excavation of south half of feature 22. Completed flotation sample and recovered more large sherds, charcoal, and great amounts of bone. Just a wonderful refuse pit - almost sorry to see it end. Remains from it are tremendous. It will be a while before we see another like feature 22. Material collected today is labeled Fea 22 S to denote it is south half of pit versus the north half we excavated on previous day. Long day - time to get home.

12 July - Working on Fea 24 - Chris had started it a day or so ago with volunteers. They stopped when they hit

what they thought to be a pelvis in the first half to be excavated. Uris and I worked on it today. It contains human burials — at least two individuals and maybe more. Uncovered two mandibles. One is large and the other small. The large mandible has a number of missing teeth that the root sockets have healed over. All the molars were missing on the left side. An unmanned bone indicates one of individuals was probably a male. It may go with large mandible. Small mandible appeared to have milk teeth — probably a child — Interment is strange. Bones appear to have been dropped in as a secondary interment — possibly more than two individuals

One had the impression that pit was like small ossuary. Bones were very disarticulated with many of them found around edges of pit. Not much in anatomical position - opposite ends of matched femur together. There appear to have been no grave goods - pit fill had usual range of sherds, flakes, etc. Nothing remarkable... Charcoal was collected. It appears pit was excavated - individuals were placed in it - it was then filled with soil that contained usual village litter. I don't know what else to say other than the whole thing appeared to be small secondary burial with multiple interments. We placed bone we disturbed on undisturbed bone and marked deposit with several coins. Entire bone deposit then reburied....

17 June 1990 - Out with Uris.
For the most part I just
bailed the site and cleaned up
some squares. Uris worked on
features 29 and 30. Things
have to dry out

18 June - I am out late
and working on profile
in units 7, 7B, and 64B
(east wall) as well as units
120 and 63. Same wall on
latter. Uris completed
excavation of features 28-
32 - series of small clustered
feature.

19 June - Hot and humid
Uris, Mac, Bill, and
Estelle in field. I did profiles
(east wall) of units 178, 236, 293.
This completes south to north
transect of profiles. All other
working on features.

20 July - Even more hot and humid... Many visitors today. Tyler Bartian, Dennis Curry, and Maureen Kavanaugh were out in AM. Howard McLeod and wife followed before lunch. Mac, Bill, Hannah, Estelle, and Salamay here most of day. A profile south walls of 4B, 5B, 63B, and 64B. Everyone else on features. Good day.

21 July - Sat - Hot - Humid - Heavy Nain. A dick nothing other than bail and show people around.

23 July - Hot and humid, working on features. 26 and 27. Latter not a feature

24 July - Cooled down. Excavating feature 17 and started feature 18.

25 July - another nice day.
Chris and I are still
working on features. I will
start on Fea 18 ~~today~~
morning. Bill Barse,
who visited Archaeological
Society of Maryland excavations
here in late 1960's will
visit today. He may have
some good information for
us. Worked on feature 6
and 18. Barse could
remember little of ASM
excavation. Chris uncovered
an articulated bird skeleton
(sp. unk.) in the bottom
of feature 34B. Why it is
there I have no idea.
Feature fill was relatively
clean, all the way down
until that point. Feature
does appear to have been
inside a structure.

(40)

26 July - I arrived late in field and completed excavation of feature 6. Had to spend morning looking at contract job site near Alexandria.

27 July - Nice day, I will start a strategy for dealing with post molds - our last chore. All features are almost complete. We do expect many visitors today. I doubt that I will get much done in reality.

Malcolm E. King (Mrs)
Mont. County Historical
Society - Rockville - Mrs Swene

Game Preserve Rd

Visitors - Jim Sorensen
Heather Bourolog
and 3 guests
Mike Dyer - MNPPA
Historian

Ed Otter
Stephen Potter
Wildlife Manager
Elizabeth Myles
Vanna Boyd

A debit yet much more today.

28 July - Saturday - cloudy and overcast. Ate first tomatoes from site garden last night! Working on burial and starting to x-section post molds. This is our second burial - what we thought was one flexed individual. We have now uncovered a bundle burial near the flexed individual's knees. What does it mean? It does seem to mean the flexed and bundle burials are roughly contemporaneous.

Unit finished excavating feature 35 with the two

(42)

burials. Descriptions follow -

Flexed individual has head to east but face turned to north. Skeleton completely articulated - Male
39 cm. femur
gracile
over 18 - epiphyses sealed
teeth worn but complete
broken projectile near Horni
vertebra
No evidence drawn

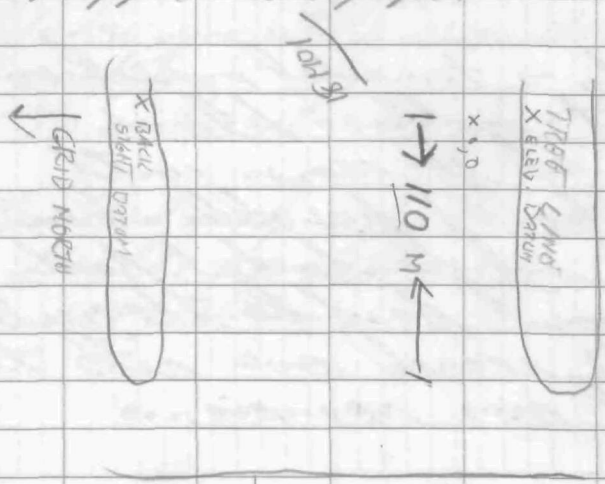
Bundle Burial - another Male
Unable to determine
completeness

30 July - Warm and starting to get humid. Chris and A are both x-sectioning post-molds. Last big job before closing down. Nothing remarkable. PM 220 in unit 7, however, is strange. I'm not sure it is a prehistoric jam. Only extended down 4 or 5 cm, but was full of charcoal. May be bottom of historic post? Charcoal was collected but it is problematic. PM 220 was taken off list.

31 July - Finished x-sectioning post-molds. Site is finished for season with exception of few odds and ends. Chris and I started hauling equipment back to the academy. Eagle soared over site to end our season...

(44)

1 August - Odds and Ends day - packing things back to academy. Need to reset far back-sight datum at north end of field that Pete and his bushog removed earlier.
It was 37 meters from 0,0 - we are moving it back into the tree line even further to protect it. Moved back-sight datum back 3 meters (now 40 m from 0,0) into the tree line at north end of field.
Back sight datum is now copper pipe in concrete instead of capped steel pipe.



North/South baseline is 110 meters from bark farm end of first tree line back from rivers. Old plastic thrown away, truck loaded and we call it an end to first season at Hughes... To be continued hopefully.

END SUMMER 1990

7 May – Making first visit to site today... All permits have been granted and farmer has sent bill for field rental. Fieldwork seems to be coming together, although it appears to be smaller than last year.

13 May – 40th birthday... Deliver equipment to field. Hot and humid and grass rather tall. Call to see if S can get people here to bushog it.

14 May – Fieldwork meets for orientation in AM. After lunch and S come out to set baseline. They were able to bushog field and things are pleasant. Rain starts after we lay out 10 meter of H/S base line. We are, however, directly

on our last year's line and all datum have survived winter. Great!

15 May - First day in field.... Opened three units near last year's grid - #'s 291, 292, and 349. We have 8 people in field school and a number of volunteers will appear and disappear as the season goes on. In the three open units we are just really getting into the plowzone. Weather is warm, but not humid and a good breeze was up for the day -

16 May - Back for day #2 with field school. Working in plowzone of same units. Hot, going is slow

17 May - More of the same - Hot and humid. Approaching T-storm drives us out 30 minutes early. All units are getting down toward top of level 2 - but not there yet. Friday at last....

20 May (Monday) - All of units are coming down to top of level #2. Square 291 has three dark stains visible that might be features until 349 has one possible feature. Square 292 has no stains immediately visible at interface between Lvl 1 and 2. Slowing field school now to take readings with transit and complete level forms....

21 May - All units to top of level 3. Unit 349 looks like it has a fairly decent feature near north wall - it also has a

stained floor that covers most of western 75% of square. We saw this last summer in the trench and other nearby squares.

Unit 291 may have a feature and a post mold or two in it. Unit 292 appears to have no features, but possibly some post molds.

Near end of day we opened up a new unit, square 520, north of present squares. We will close out three units (291, 292, + 349) tomorrow.

22 May - Continued working in plaque of unit 520. Uris taking a crew and doing shovel test pits at west to east across the site at 5 meter intervals - attempting to define edges of site better.

We will do the same thing north-south.... I would with students in unit 349 closing out square. Did forms and drawing - started excavating feature 43 in that unit. Got it 50% out by end of day. It is small basin feature with antefacts, bone, and charcoal in matrix. Will close out another square tomorrow, probably #291 first, and finish this feature.

23 May - I arrived late in the field - around 12:00. Spent the afternoon helping to close out unit 291. Mapped in a number of what appear to be post molds (subsidiary) around a central plum. The latter we assigned a feature # to. May have been some sort of a post around a pit?

24 May - Arrived late again after an A.M. meeting. We excavated feature in unit 291 - not much. Little or no depth and just some charcoal. I want to wait on x-sectioning post molds until I finish unit 292 and do them all at once. That will have to wait until after the Memorial Day weekend. Three days out of the field for now....

27 May - Memorial Day - No work today -

28 May - Half-day - Chris and I are going up to Frederick to give talk to archaeological society of Maryland field school working at Rosenstock site. I mapped in a number of postmolds in

unit 292 in morning - Closed out that square. May be part of house pattern partially defined last summer.

29 May - Very hot and humid - record for 90° plus days in May! We are working two new units (536, 542) east of our original excavations - Unit 542 is just getting started - they are excavating in plazone - Square 536 is at level 3 and there is big feature in southwest part of unit. It extends into nearby squares. We are, however, going to x-section the part of feature in Unit 536 to make sure it is a feature of substantial depth and not disturbed by Yingin. Uris did some north-south shovel test pits in an effort to further determine site boundaries.

30 May (Thursday) - Another hot day... continued through play zone in unit 542. Photographed and mapped in feature 45 in unit 536. Feature 45 is large and full of material - looks like good rigid pit. Very slow going today - heat is just about to do us in.

31 May 1991 (FRIDAY) - Another hot day... continued in units 542 and 536. Square 542 is now down to level 2. Normal amounts of material are being recovered. Feature 45 in unit 536 appears to be a hearth - bordered by rocks. Enormous amounts of charred material is being recovered including what we think is a beam. We also got a real nice polished bone bead out of the feature. We are

working on bringing the other half of the pedestal of F45 down to completely expose heart. Will do flotation sampler of matrix - appears to be very rich in faunal and floral material very exciting feature ...

3 June (Monday) - Finally beginning to cool off, but now threat of rain. Continued working on Feature 45. Opened new unit (537) next to it to explore area. Unit 542 is in level 2 and should be completed tomorrow.

4 June - Continued excavating pluvione in unit 537. Feature 45 is exposed in unit 536. Tremendous bone scatter - really interesting. We completed unit 542 and mapped two post molds. A. excavated level 6 pits in afternoon

5 June – I spent most of the day completing shovel test pits (north-south) to the north side of baseline. This completes our large north/south and east-west transects at 5 meter intervals. When we plot the results this should hopefully help us define boundaries better. Unit 537 is down to level 3 and Feature 45 in unit 536 has been completely exposed.

6 June – Another mild, almost cool, day... We concentrated on plow zone of two new units (#'s 479 and 480) south of Feature 45. At level 2 by end of day...

7 June (Friday) – I arrived late... We worked on #'s 479 and 480 and have [illegible]

through level 2. Postmolds are showing up in both and feature 45 appears to be extending into both. We have pedestalled portion of F 45 in both squares and will excavate next week.

10 June (Monday) - Finished off units 479 and 480. Former has extension of Feature 45 in it and unit 480 has some along with three good postmolds and part of another feature. Opened two new units, one to the north (#594) and the other to south (#423). Hope to find more postmolds and features in these. Plan to open an area around Feature 45 to see what is going on in the area.

11 June - Continuing to work on units 423 and 594. Both are now in level two - should be

finished tomorrow. Typical material appearing in both — but hoping for postmolds.

12 June 1991 — completed units 423 and 594. Both have nice postmolds that line up with other postmolds. I don't want to be overly optimistic, but I hope they eventually are part of a structure of some sort. After we finished these units, we opened two more, (#'s 367 and 424) to the south of the block of squares we are excavating — just in the plowzone in both, hope the postmolds continue...

13 June — Working on units 367 and 424. Got through plowzone by early PM and working on level 2 — very hard lamps. They do, however, look hopeful...

14 June (Friday) - Completed level 2 in units 367 and 424. Down to level 3 but features or post molds not identified. Ended early for students to go to Grateful Dead Concert....

17 June - Mapped a good number of post molds in units 367 and 424. Opened unit #368 - in level one

18 June - Rain (finally). Worked in lab all day washing and sorting artifacts

19 June - Field trip to Mt. Vernon - tour of historic archaeology excavation there. Lab work (sorting in PM)

20 June - Continue washing in unit #368 - it is down in level 2. Opened new unit - #426. TV crew from

Manuel 7 on site today. I had to leave field early to attend to business at University.

21 June (Friday) – Very hot day. Mapped postmold in unit 368 – it is complete. Opened new unit – #426.

24 June (Monday) – Continued in #426 – it is in level 2. Opened new unit – #481. It is in level 1.

25 June – Mapped postmolds in unit 426 as well as some stains in same unit. Unit #481 is now in level 2. Opened new square (#482) next to it. This square is in plowzone coming down to end of field school.

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26 June (Wed) - Working in units 481 and 482. Unit 481 has reached level 3, but a good deal of modern glass has been recovered from level 2, seems to indicate the possibility of contamination. Unit 482 hit top of level 2 in early A.M. starting down into level 2 - #482.

Unit # 481 is complete. Nothing really found in terms of stains, palaces, or postmolds. No photographs or drawings executed. Unit 482 is almost about level 2. Opened new unit (# 538) which is in level # 1.

27 June (Thursday) - Working on unit 482 to complete level 2 - almost done, hard as a rock. Unit # 538 is going down. We have recovered significant amounts of modern glass in upper unit levels

levels of Unit # 482 and 538.
We may be in center of
village that Kinger's excavated.
Other squares, including
Feature 45, appear uncontaminated.
By end of day Unit # 482 was
complete and two features
had been mapped in within
the unit. Unit #538 is
in level two at end of
day. We will complete it
on the morrow and that
will be our last work
with fieldschool this
season.
Working Times reporter out
today as was group with
Prince George's County Science
Center (Education)

28 June 1991 (FRIDAY) - last
day of field school. Will
work on completing Unit
# 538 and doing odd jobs -
taking down bulks, photos,

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locating post mold, etc....
Uris and S will take it
from here.
Unit #538 is down to level
3. Nothing in terms of features
or postmolds. This is last
square of summer for fieldschool.
We also removed east-west
bulk from around Feature 45.
Cleaned up a bit and called
it a field school....

July 1-3 - rest for the field
directors.... Area finally got
some rain.

July 4 - Uris and S are in
field working on the leftovers -
He will complete Feature 45
and S am starting to
x-section our many postmolds
Uris is making progress on
F45 and S have x-sectioned
post-molds in units #367, 368, 423,
424, and 425. Now for some
dinner and fireworks....

July 5 - Rain day - no work.

July 8 - Back out in field. Start day with some bailing. This continues on Feature 45 and me with my post molds. Completed x-sectioning post molds in remaining units (with exception of unit # 480). We were driven out of field at 2:15 PM by massive Thunderstorm....

July 9 - More of the same - Rain did not do much damage and we are back at work on Feature 45 and x-sectioning post molds....

All post molds from this season have now been x-sectioned. Will help this with Feature 45 and do profiles. Removed north-south bulk between units 536 and 537 - around Feature 45.

We now have entire feature exposed - consists of the concentration of artifacts in hearth center and large stain around edges.

I am starting profile - south to north. Profiling east walls of Units 594, 538, 482, 426, and 368 - five in all running south to north. Probably only get one or at best two done this P.M.

At end of day Vivian is cleaning up Feature 45 and I have finished east profiles of units 594 and 538.

10 June - I will work with this on Feature 45 to get it drawn and artifacts removed today.

Feature 45 photographed and I have completed east wall profile of 426 and 368 - complete north/south transect. Also

completed south wall profiles of units 426, 368, 367, 423, and 479 - completes east/west transect. These are all profiles we will do of this block of units. This thinks she might have broken but fairly complete pot from Feature 45.

Driven out by steady rain around 3:00 .... Will not be in field next several days. Site is covered well and we hope it survives the layover.

July 11-15 - Out of town - No field work....

July 16 - Helped Chris draw Feature 45. Did drawing of F45 (stain area and broader lighter stain) within the four units. A then did plan drawings of small features - F#'s 46,

47, 48, AND 49. Not coordinates of Feature 45 and 46-49 will have transit. Worked on Feature 45 for rest of day. Clear - but very hot....

17 June - Excavating features 46, 47, 48, 49. Hot and rather humid. Chris continues on Feature 45.

All features excavated. Feature 46 may be some sort of depression or very small pit. Feature 47 looks like it may be a part of a larger significant feature. At this stage, however, only a small part of it is exposed and we will have to wait until the square to the north is excavated. Features 48 and 49 appear to be little more than depressions that have caught cultural material - very little depth to either. Feature 45 is

all that remains to be done at this point

18 July - Clear day and very very hot.... We are in another warm spell. Spent all day working on Feature 45. It is now very clear that this is a long, but shallow ± 35 cm, basin of some sort. It is just full of animal remains, pottery, stone tools and flakes, as well as charcoal. At points you also hit substantial ash deposits. Stearns mentions the Zinger encountering similar features. I guess I would call it a basin shaped shallow refuse pit, but the amount of charcoal and ash also suggests they may have been hearths that were used over a long period of time

19 July - 100°+ and humid.
Paid off for the day

22 July (Monday) - Did not work today because of heat. Went out around 4:30 PM to see if we could get in a few hours in the cool (relatively) of the evening. Site had been varied on on travelling in Feature 45 was gone. Driven out about 7:30 PM by a thunderstorm. Got none work done -

23 July - 100°+ and humid. Not going out today - weather is advertised as breaking on the morrow. Will have another go at Feature 45 then.

24 July - Worked on finishing F 45 - most of it done. Stopped at 5:00. Will continue tomorrow.

25 July (Thursday) - Last day in field for this season. Cleaned up in and around Feature 45 and photographed same. Final dimensions -

L - 2.67 M (generally N-S)
W - 1.78 M (generally E-W)
Depth N 17 CM
S 16 CM
E 24 CM
W 15 CM
1.24 BD (deepest part)

X - SECTION DRAWN

Feature 45 is impressive. Large basin-shaped pit (?) or heath (?) with just tons of artifacts - especially faunal remains and ceramics. Internally, every so often you can pick out some stratigraphy - a clay horizon or ash lense or darker soil matrix - but most of the time it is just random fill. Very interesting

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and these may have been used as long-term fire pits? Hearn mentions similar features in his report.

Anyway - had lunch and packed up all our wheelbarrows, shovels, buckets, tools, etc. and headed back to university. Put things away in late afternoon and cleaned truck. 1991 season is over .... just need to call farmer to backfill

15 November 1991 - sent off two radiocarbon dates to Beta Analytic

Sample # 3 Fea 45
20 grams - excavated 7/24/91

Sample #4 Fea 45
16 grams - excavated 7/22/91

Results due back in 30 days -

21 November - Max McDaniel died today. He was one of the first to urge us to return to Hughes site, and donated money for radiocarbon dates. In my last conversation with him, early in November, he repeated that the Hughes site was the first he had examined in his early days of archaeology and that he wanted to make sure that work would continue there. Few, if any, will ever be more interested in Potomac Archaeology than Max was....

2 Dec - Tyler called and said there was a great deal of information from Yinger in Frederick Public Library. Apparently this includes a journal and material that goes back to Hughes site era.

18 DEC Radiocarbon dates come back - a bit of a surprise. Not what we expected from two assays out of same feature....

#3 FEA 45 420 ± 60 BP (AD 1530 ) BETA 49132
#4 FEA 45 580 ± 60 BP (AD 1370 ) BETA 49133

I was hoping for lower standard deviation and closer assays

Other dates
#1 FEA 22 660 ± 50 (AD 1290) BETA 41367
#2 FEA 7 510 ± 50 (AD 1440) BETA 41368

Jan 26 - Marked check for $150 to James to pay for backfilling

-1993-

Sept - agreed to run ASM field school at site this Spring. First Meeting, Oct 9. This will be our third and last (?) season at Hughes. Site was fallow during summer of 1992 and 1993.

## 1994

4 April, 1994 - Visited site with State Archaeologist, Tyler Bartram, along with Dennis Curry, Maureen Kavanaugh (both Maryland Historical Trust), Marlene Perlin, and her husband. Uri gave them the tour and we discussed site strategy. Field not planted and plenty of artifacts were visible.

10 May (Tuesday) - Going out to deliver equipment, re-set transit station, re-establish grid, etc. Uri + Joe - We opened

up entrance to windbreak for storage of field equipment. We also found elevation datum and backsight datum. Transit station pipe was set 5 M north of elevation datum. Thought that it had been destroyed since last field season, but we started clearing vegetation and there it was! Good as new.... Set a north south line between the elevation + backsight datum and ran end-points of east-west line down length of field. Will come back on the morrow with third person to shoot in baselines and squares, 139 M baseline to limit.

On way out Uri decided we should inspect last field back from river - it had just been planted and visibility is good. That field, in fact, is very free of artifacts. Just a few pieces of quartz,

quarty flakes, etc. Nothing much in it. Field between it and our field has ground cover and Hughes ate most end in it. Drove over to Gaithersburg for supplies.

Eclipse of sun today by moon while we were in field — about 80% at 1:30 PM.

Need —

First Aid Kit
Plastic

12 May - Out with Chris and Helper. Lay out east-west baseline and 14 units at east end of field. Bring out more equipment... Order outhouse - delivery on Tuesday, May 17.

13 May - 43rd Birthday - day of rest.

15 May - meeting with ASM crew chiefs to go over procedures. Takes 4 hours with all the questions, etc.

16 May - Take field school out for tour of site. Orientation day....
(Units referred to by H/E-W coordinates from here on)
17 May - Three units - 22N 110E, 24N 112E, AND 26N 110E - open and going down by 10:00 AM - Very cool (low 60s) and windy day. Coolest day I have experienced at this site.

Set local datum (-.50 BD) at east end of site. Transit shots are too long from original elevation datum. Transit readings at east end of site will be taken from this local elevation datum.

18 May - Moved pedestal slide of previous year excavation in morning. Continued down in three units. All are coming down on level 2. Set new units west of these three - between 110E and units of second field season. ASM will excavate these new units. 26N/110E seems to be darker with more clay at the interface between level 1 + 2.

19 May (Thur) - Three units are now down in level 2. 22N/110E has some fire cracked rock concentrated near bottom of level 2. 26N/110E appears to be most interesting of three - large amounts of charcoal in level 2. Level 2 also darker and appears to have more clay. Made attempt to lay out new units at western edge of site for ASM

fieldschool. Total disaster.
Main man couldn't do job. Will
have to re-do on the morrow.
Raining as we departed - ASM is
in field starting up their operation
for beginning of their annual
field session on the morrow.

20 May (FRIDAY) - First day
of ASM. Reset line of squares
at west end of site - got
it correct this time. 15 new
units from 22N/8E to 22N0E to
22N/20W. Not elevations on
all squares. Unit 22N/8E is first
to go down - crew is just
in top few centimeters of
level 1.

Opened three new units at
east end of site contiguous with
AU fieldschool units. ASM units
are 28N/110E, 30N/110E, 32N/110E.
All three of these units were
closed for the day in level 1.
AU Fieldschool units (26N/110E, 22N/110E,
and 24N/112E not touched. ASM

starts closing up around 3:30.
Strange weather - mostly cloudy and cool. Rain in ASH, some sprinkles around 3:00 - also some sun during day.

Three units at cont and appear to be producing typical type and amount of material. One unit at west end (22H/8E) appears to be producing a great deal of quartz flakes. I feel it is near edge of college.

21 May (Sat) - Weather clear and pleasant - large group of people from ASH in field today.

East units are about level 1 and ready to go into next level. Level 2 is not as high, or, as easy to define at East end of site.
32H/110E, 30H/110E, and 28H/110E are all on top of level 2 in late PM.

We opened two units (22H/72E + 22H/66E)

nearer center of site. Both are going slow but still producing sizable amounts of artifacts. Neither units will make it to level 2 today.

Units at west end of site, now three in number all all producing large amount of material. 22N8E will make it to level 2 today - 22N4E and 22N0E probably won't make it to level 2.

22 May - Three units at western edge (28N/110E, 30N/110E, + 32N/110E are all in level 2. Some stain are slowing up, but stratigraphy is strange. May be Yinger's handiwork

Middle units going down. 22N/78E in level 1 - 22N/72E is through level 1 - 22N/66E is into level 2. Feature 51 in that unit - small circular feature

Eastern units are all turning up significant amounts of material. 22N8E has mid circular

feature in NW corner (Fea 50) and possible point molds. Other units in or near level 2. Clear, sunny, and getting warmer.

23 May (Monday) - Hot day - but breeze is blowing. Status of units in different areas below -

East Units:

20N 110E - just opened - in level 1

22N 110E - through level 2. Feature 52 is along south wall and a small cluster of rock was found near west wall.

24N 112E is almost through level 2. Took like small feature is located in SW corner

26N 110E - through level 2 with nothing much appearing.

28N 110E - coming to bottom of level 2

30N 110E - through level 2 with large stair along east wall extending into unit to north. Swarmed Nine

point comes out of this unit
today at bottom of level 2
32N 110E - through level 2.
Taking quadrant down in
NE corner to get idea what
plan along east wall might
be?

Middle Unit -
22N 78E - in level 1 near bottom
22N 78E - into level 2.
22N 66E - near bottom of
level 2. Small circular pattern
near north wall and possible
post mold in SW quad.

East Unit -
22N 8E - unit is through level
2. Feature 50 is circular plan
in NW quad. 8 post molds possible
22N 4E - just beginning to
penetrate level 2
22N 0E - at bottom of level
2 with feature in north wall -
three possible post - molds.

22N 4W - still in level 1.

Very fertile day with AU students and ASM here together.

24 May (Tuesday) - Uris gave talk to ASM last evening on Kinger's activities at Hagler site. Today is hot again, with very little breeze. Area summarized below -

East Units - all units have been rather disappointing. Appears to be missing the eastern edge? So that we need to pull in a bit? We will move future units to west.

20N/10E - in level 1.
22N/10E - through level 2. Feature 52 in south west.
24N/10E - in level 1.
24N/12E - through level 2, features 53 and 54
26N/10E - in level 1.
26N/10E - through level 2 - some stam

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28N/110E - through level 2 -
some stains
30N/110E - through level 2
32N/110E - unit had long stain
along east wall. We dropped
NE quad down through it with
very few artifacts, aside from
rhyolite flakes, coming up.

Middle Units -

22N/78E - at bottom of level 2,
few largest natural rock cobbles.
22N/72E - through level 2
22N/66E - Feature 51 and 4 what
appear to be strong postmolds.
F 51 is very small pit like
depression. Some artifacts within it,
but not much.

West Units -
22N 8E - through level 2. Looks
like nice feature and post molds
22N 4E - into level 2. Small
feature near north wall.

22N 0E - Through level 2 and postmolds. Large feature stain -
22N 2W - in level 1 - just starting
22N 4W - near bottom of level 2.
Wonderful cross-section of post in NE quad - large charcoal with lines within it that appears to point to it being a burnt post.
Other stains are appearing -
22N 8W - just starting level 1.

About 28 people in field today - calmer than yesterday.

25 May (Wednesday) - Rained last night, thunderstorm, but no wind damage. Hot and breezy today - slightly muggy.
Unit summaries -

East end squares are all completed with exception of three being dug (in lev 1.), by AV fieldwork.
20N 110E - almost to level 2.
24N 110E - in lev 1.

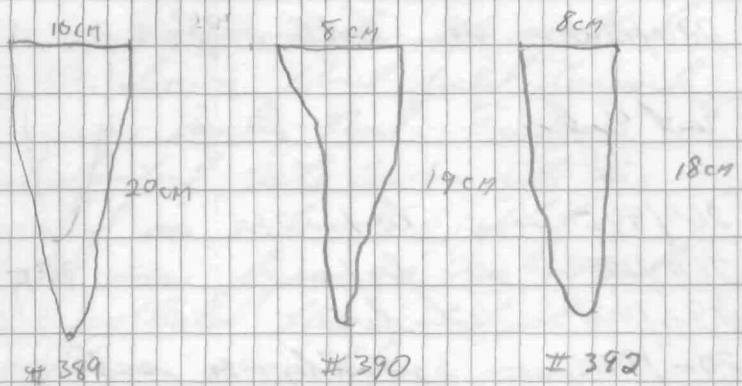
26N 118E - in lv 1.

Laid out 8 new units 26N/100E to 26N 86E
Unit 26N 54E is starting down in lv 1

West units are being expanded in number. Not able to take detailed notes given arrival of violent T-storm. Hail hit on way back to university about Potomac.

26 May (Thursday) - Some rain (showers) during day, but mostly cloudy and muggy.

Middle units are all complete X-sectioned four portmolds in 22N/66E - three are good. (#'s 389, 390, + 392. Quick profiles on next page.




# 391 appears to be stain - all postmolds and this stain are associated with Sea 51.

West Units -

22N/8E - through LV2 - feature and pm's.
22N/6E - in level 1
22N/4E - feature, through level 2.
22N/2E - in level 1
22N/0E - large feature and pm's.
22N/2W - in lv. 1
24N/4W - in lv 1
22N/4W - large pm's
22N/8W - near bottom of LV2. Large stain appearing.

22N/12W - near bottom of LV2

East End -

26N/94E - in lv 1
26N/108E - in lv 1
24N/110E - at lv 2
20N/110E - 3 possibly PM's and interesting stains -

Turned out to be half-decent work-day.

27 May (Friday) - Cold front has moved in and we are back to clear, cool, and breezy.
Chris and I surface examined the third field back from river. We are excavating in second field. Material from Hughes site appears spread across most of third field. But it is very clear we are directly on top of site. Material starts and stops in third field exactly at east & west edges as we have defined them. No doubt we are

working Hughes site. We walked further down that field toward Sycamore Landing Road. Fairly substantial Late Archaic site is located in eastern 1/3 of that field near Sycamore Landing Road. We collected two quantyal broadspear projectiles, a quarty knife, quarty biface, and a part of a groundstone tool from site. Field will soon be replanted... Will check site files for an existing site and register them if none exists, but I think Mark McDaniel had registered a Late Archaic site there?

Great big old owl flew out of windbreak, perched in front of us, and gave us dirty looks for about a minute before flying off. They truly are stealth birds, if this hadn't seen it we would have missed it altogether — no noise. What a magnificent creature...

Owl capped off with bald eagle over site during lunch. This appears to be a wildlife day at the Hughes site. Hoping for a mastodon near quitting time.

Unit summaries —

East End — all units are either completed or waiting for return of AU fieldschool

Mid-Units

26N/94E — completed through lvl 2, nothing in it of interest

opening up two units (24 N 64 E + 22 N/64 E) near postmolds in unit (22 N/66 E). Both of new units are in level 1.

West Units — all almost down to LV 2, 22N/0E — x-reckoning large stain near south wall. Appears to be large basin shaped pit like Fea 45 from center of

site. All the other western squares if not already down to level 2 are about there. Will open 2-3 more units along trench before ASM leaves.

Beautiful afternoon - wind has died down and sun is out. Just as we are covering the square at the west end with plastic two bald eagles appeared over the site. Good sign....

28 May (Saturday) - ASM open none at site today and normal hours at their camp tonight. Should have a real crowd today.

Crowds have come for the tour: About 75 or so people clamped across the site today with somewhere near 50 ASM people working the units.

Brief summary below -

East units not being worked today.

West units and trenches are done

interesting features. We may have uncovered two palisades in west squares. Units (22 N/4 W + 20 N/2 W) are being opened up to trace one line.

We may have postmolds of most of small structure in units (22 N/8 E and 22 N/6 E). Opening up units to north of these two to trace patterns of structure.

Middle Two new units around 22 N/66 E don't appear to be turning up little in the way of more post molds.

This appears to be the day we have been waiting for on this site.... Finally.... Open up some more of these units in west with AU fieldschool and leave happy.

29 May (Sunday) - 14th straight day of work at Hughes site.... We are currently opening units to north and south of palisade line. Both hit bottom of level 1 just before lunch hour. A sure do hope

that a nice line of pm's appears in each to verify placement of palisade. If we don't verify it now and in this location I am convinced site was not palisaded.

The units nearer middle of site around 22N/66E will be completed today. One doesn't appear to have much of anything at base of level 2 and other is now being taken down to same level. Will see what turns up, but I don't have great hopes.... Hoping for structure here, and, again, it looks disappointing.

Western units, as usual, are holding all the excitement - Both units in area where we think we have discovered the palisade are coming down to base of level 2. I refer to units (24N/2W and 20N/2W). Around 3:00 P.M. the pm's in these units began to appear, just where they should. We now have a clear row of pms arcing

through units (20 N/2 W, 22 N/2 W, and 24 N/2 W). We have the palisade! Day of great excitement for whole crew. Baltimore Sun writers on site decides to do a story.

I also think we have a second (earlier or later?) palisade in units just further to west, - units 22N/4W, +24N/4W. This needs to be investigated a little further before I can be definite about such a conclusion. No doubt, however, about other palisade. A SM only has one day left and this was great way to end their activities.

We are also continuing down, they are near Lv 2, on unit 24N/8E that is near nice area of pins in the first two units. This might be first structure, but we will need to open another unit yet. Perhaps this is too much to hope for after frustration in this regard throughout the years at this site.

This has been one of the days

we have been waiting for at this site. Weather beautiful, clear and not too hot. Nice breeze most of the day.

30 May (Monday - Memorial Day) -
Small crew as ASM winds down. On the morrow it will just be AV fieldschool. I do somewhat look forward to a little quiet after all this activity. This pagine this is our 16th straight day in field! I don't remember what it's like to have a day off.... Three more days with AV fieldschool and some lab work on Friday....

Only one unit in the middle of the site being worked. It is still not through LV2. May have a feature (or stam?) in it.

Continued our concentration on west units - 24N/8E was brought down to base of level 2 and mapped - Many pm's in unit - 24N/6E, yet

to be opened will tell the story of this possible structure.

We opened one new unit (20 N/0 E) and spent time troubling and marking pm's in palisade units. This part of site is just spectacular.

Much poking around as we pull the plastic over the ASM's labors. They did a great job.... ASM field session ends with everyone sitting on straw bales telling stories and thanking all for an excellent job and generally good time.

31 May (Tuesday) - AU fieldschool back at work. We have 16 more days (until end of June) with them to wrap up things at the site. Rather warm today.... Chris and B both are rather exhausted.

Working three units with AU fieldschool at east end of site.

Unit 20 N/110 E has a number of pm's (in ard) and possibly two

small feature. One of these small features comes into this unit from the north wall.

Unit 24 N/110E is being troweled to bottom of level 2. There appears to be some sort of feature in the SE quad of the square.

Unit 26 N/108E is now at bottom of level 1. Large quantity flakes were coming up in the screen just before closing level.

WJZ-TV in Baltimore (Channel 13) shot a news spot today at site (John De and cameraman, Wayne) spent about an hour at the site this AM. Will be on 6:00 news tonight. Baltimore Sun article on site by Frank D. Roylance came out in paper today.

June 1, 1994 (Wednesday) - Ready to collapse, both this & B need a day off... Rather hot and humid - little wind. Working units with

AU pedestal at east end of site.
26N/108E is finally going down and is near bottom of LU2.
Feature 52 is being x-sectioned.
24N/110E has been brought down to bottom of level 2 - it has yielded 5 pins and a feature starting in unit to the east extends over into square.
Opened unit (18N/111E) as new from normal grid and to south of most existing units. We are hoping to pick up p.m. from 20N/110E. In LU1 this P.M.
TU crew from Hannel F interrupted overland and the first part of the afternoon. They really just seemed to be going through the motions.

June 2 (Thursday) - Bright, cool day, with gusty breeze. When it's not gusting the Bmats take over and drive you crazy.

We laid out a 1 meter by 16 meter long trench at east end of site to try to locate edge of village east of our units. Runs off of NE corner of unit (24N/112E) and then 16 meters to east. We are not screening matrix of trench. We will backfill the trench with its original matrix after excavation through level 2. Hopefully this will pick-up palisade line on eastern edge. Working two other units this AM with AU pedestrian. About 6 m completed at end of day.

26N/108 is through level 2 and mapped. Two small features, two small stones, and a pit.

18N/111E is in level 2. Small feature has appeared in northwest quad.

June 6 (Monday - 50th anniv. of D-day)
Hot + humid - very buggy. Continuing work on trench with little hand of finding palisade on east side

of note.
Unit 18N/11E is only square being worked on east end. It is down at bottom of level 2 - has two small features and maybe a gem or two.
This has put of yellowish re-travelling unit at east end. Unit 20N/0E is coming down on large feature that appeared in unit completed to north of it. Unit 24N/6E was opened and they just got a start in level 1.
Driven out around 2:00 by rain storm. Rain hard enough that it was hard to keep paperwork dry.

June 7 (Tuesday) -
Hot and humid again....
Unit 18N/11E is complete. Two small features and two possible gems. Crew at east end is x-sectioning feature 65 in the

trench just to see what it is.

Working until 20N/0E at west end. This appears to have large basin shaped feature in it like feature 45 from second season. Large sherds are beginning to appear in it.

Other west unit, 24N/6E, is in level 1. It's going slow...

Very warm day with temperature growing short. Unusual I marked a number of portmoteles already drawn in west trench.

June 8 (Wednesday)

Cloudy with a shower as we gathered to go out to field. Humid, but cooler.

We are excavating FEA 65 all the way across trench. May be a wall or palisade trench? Very definite outline and not as full of artifacts as many features tend to be at this site. The further we go in this the less we know. By 3 PM I'm

just not sure anymore. Certainly it's a trench - but a prehistoric or a Finger trench in the quarter. Circular stain at north wall is interesting. Will share it on the morrow.

24N6E is just about at the bottom of level 1. Crew working on it is basically useless.

20N0E has its large basin feature pedestalled and they have taken small portion of rest of unit to level 2. About seven DM's have appeared at bottom of level 2 in SW quad. Appear pm's predate feature or vice versa.

Beautiful day - much relief....

June 9 (Thursday) Bright, clear, and mild in the field today. Just a beautiful day to close out the fieldschool's field week. We will have them in the lab on Friday.

20N/0E is finished and photographed

Unit 24N/6E is about to start level 2 this AM. Indications are that there are features in this unit.

Crew continues in Fea 65 at east end of field. Fairly certain that Yinger was there, but we will probably expose trench a bit to the east to see that mic round stain against the north wall in plan view.

Fea 65 is complete. Fairly certain this is a pit that was excavated by Yinger.

Unit 24N/6E is at bottom of level 2. Needs to be trowelled and elevations taken. Unit has at least one small circular feature and possible pins. Will see on Monday.

June + Warren Evans visited site from Pa along with Fairfax County, Va. archaeologists and one Slow Ice Anchor -

13 June (Monday) - Hot and humid. More of same for rest of week... Have never a pen talk this am. Hope it keeps them going.

In the remaining 8 days of this field season we are removing both level 1 and 2 at once and not removing the matrix. Soil is being kept near the unit and will be placed directly back in the unit. At this point we are really quite interested, with the time we have remaining, in following pallisade line and exposing a feature or two for further excavation. All of above is noted on level forms for those units subject to the method.

Unit 24N/6E is completed. Yielded some very distinct circular features and a number of pits. May open up units to north of it.

Opening one unit (18N/2W) to

south of palisade line and one to north of it as it now exists (26N/2W).

Opening another unit (26N/4W) to completely expose a curious feature that appears surrounded by pins. 24N/6W is also being opened near the future.

Most units, with exception of 24N/6W are down to level 2 (base) by quitting time and pins are showing up where they should. Little doubt that we have at least two palisade lines. Feel as sure as you can get about something like that in this business.

June 14 (FLAG DAY - TUESDAY)

Very hot and humid... No breeze whatsoever in AM or PM.

Unit 18N/2W is complete with 10 pins. Most are a combination of palisade lines.

Unit 26N/2W is in same shape with same situation. Line of pins

is part of pallisade. Looks like these posts were almost connected in small trench, or, at least set very closely together.

Opening 26N 8E. It won't be complete until tomorrow.

26N/4W is complete. Just 3 pins and some rodent tracks in this unremarkable unit.

24N/6W - possibly more unremarkable than unit above.

Opened another unit, 26N/6E, to west of 26N/8E.

Watermellon break at 3:00 did much for the crew... Send us cold air. Mapping feature 60 for x-section.

June 15 (Wednesday) - You guessed it - hot and humid. We broke the old record yesterday for heat - hit 97°. Continuing work on feature 60 and units 26N/8E and 26N/6E. Former is coming down to bottom of level 2 and latter is just above it.

They are still managing to keep things moving in this heat.
We stopped at 12:00 and returned to AU for lab work. Heat is unbelievable and I don't want to hurt anyone.

June 16 (Thursday) More of the same on the weather front. No relief in sight....
Crew is taking out other half of feature 60. 26N/8E and 26N/6E are near bottom of level 2 in AM. Crews are starting to map psm's and small stains. Have given up on finding house patterns at this site. It's official.... Will continue faces mapping of existing psm's and start crews on features we have uncovered.
Both units have psm's and features at bottom of level 2. Move crews to features at east end. We have to decide if

we will open additional units at west end.

At 2:30 PM we were driven out by violent thunderstorms. These came out of north instead of down the river. Practically no warning at all, followed by over 2" of rain and violent discharges. This was most violent storm I have experienced at Kingley site - needless to say we had to stop for the day.

June 17 - Lab day...

June 20 (Monday) - Last week for AU fieldschool. Hot and sunny today, but there is a nice breeze that comes up often.

Most of view is working on features at east end of site as on funding units near center of site. T-storms have at least left the site a bit moister. Morning of drawing, shooting elevations, and careful excavation of features

East End

Feature 63 - small circular stain, probably pot holder.

Fea 70 - same as above

Fea 64 - same as above

Fea 53 - more of a trash pit, bone, artifacts, etc, coming out.

West End -

Fea 50 - small circular stain, probably pot holder

Fea 66 - small circular stain, probably pot holder. This feature had ash and red sandy deposits at surface.

Opened new unit 28N/80 - An lv 1

June 21 (Tuesday - First Day of Summer) Cloudy, buggy, humid... Starting to x-section pm's and backfill. Hot + humid in PM.

Feature 53 is large, deep trash pit - We have half of it out

by close of business. Rest of crew has been excavating circular feature - probably pot holder.

Unit 28N/8E is down through level 2. A small feature and a few pms is about it. I was hoping that a line of pm's from adjacent unit to south was extend into this square. ... of course not... This is the last unit we will excavate at this site - ever... It's fitting that another one of my many "house patterns" has cropped out in it. No one house - just many pieces. Oh well, can't seem to isolate one this time around.

Having crew begin to sort out old plastic for disposal. Starting to wirebrush shovels for painting on the morrow. Running out of things to do...

22 June (Wednesday) - Excavating Tea 53 at east end. Substantial trash pit. Many another tool and large

piece of elk antler. Just full of pottery

Fea 55 is being cleaned out at west end. Maybe pit (shallow) associated with palisade line.

Photographed two of what appear to be at least three palisade line. Third runs next to Fea 55.

X-sectioning pin's hile there is no tomorrow.

Hot, but not humid...

One more day to go with AV fieldwork.

23 June (Thursday) - Last day for AV. Very hot and heavy.

We finish deep pit at east end - Fea 53.

Feature 55 at west end is also finished just as it started to sprinkle. Palisade line runs right through it. That is at least line #3.

Spend day photographing palisade,

x-sectioning, shooting in features with laser transits... We have the fieldschool replace soil in units at the end which we did not screen. Soil matrix from each was kept separate for return to particular units. Spent the rest of the day disposing of old plastic, painting shovels, cleaning up, etc. Uris and I will need to do about 2-3 days of work on our own - x-sectioning pin's, backfilling, checking records, etc. Day ended with a group photo and water-ballon fight among the crew. Beer and dinner at Chief Ske's Mambo Room with fieldschool this evening. Uris was offered a job at Smithsonian on our return to AU. Much to celebrate.

24 June (Friday) - Equipment runs back to AU and work putting things away in storeroom

Uris started audit of records to give us a chance to cover any mistakes before site is backfilled. Tremendous downpour at 4:30 PM. Uris hosted dinner party that evening.

25 June (Sat) - Back in field to shoot features with laser transit and x-section pins. Bugs are unbelievable after rain last night. My father visited the site today. Got all features shot in with laser transit -

David Folty, from Federal Community College, brought his class over for tour of site. Uris and I went over to turf farm to examine some of fields. Curious about location of Stephen Barracks site. Tidwell, who had excavated there showed me location, but we could find no pottery whatsoever

in the location he pointed out. I wonder if he remembers correctly? Site supposedly yielded Keyser ware. Home by 6:30 with dinner at AV's Italian Rest. on New York ave, this evening. A liter of wine and good food is great way to end a day...

26 June (Sunday) - In field to x-section remaining pm's and maybe(?) finish up. Still a few other odds and ends, but we have a chance of completing our work for the season.

Fea 57 was in plan view what appeared to be a post - complete with intact section. On x-sectioning it was still going down at 68 cm with section curving off to south. We feel it might be a large tree root? Will not date charcoal as the whole feature is now

viewed as suspect. Don't like how deep the profile is or the fact that it is curving off to south the deeper we excavate. Never seen anything like this at the site.

X-sectioning postmolds. We have them all done with exception of palisade and miscellaneous pm's around it. We have also lower mapped pm's in three palisade lines.

All pm's X-sectioned and units we excavated without screening are filled with original matrix at 5:25 PM.

All fire-cracked rock was returned to site and dumped in pile at approximately 2.68 South, 12.76 East. Some of it is even labeled. Pile of FRCO is just within true line 12.76 meters to east of site datum and transit datum.

Finished off some last details,

polished up our big piece of platter and did one last tour of the site to make sure nothing was left behind.

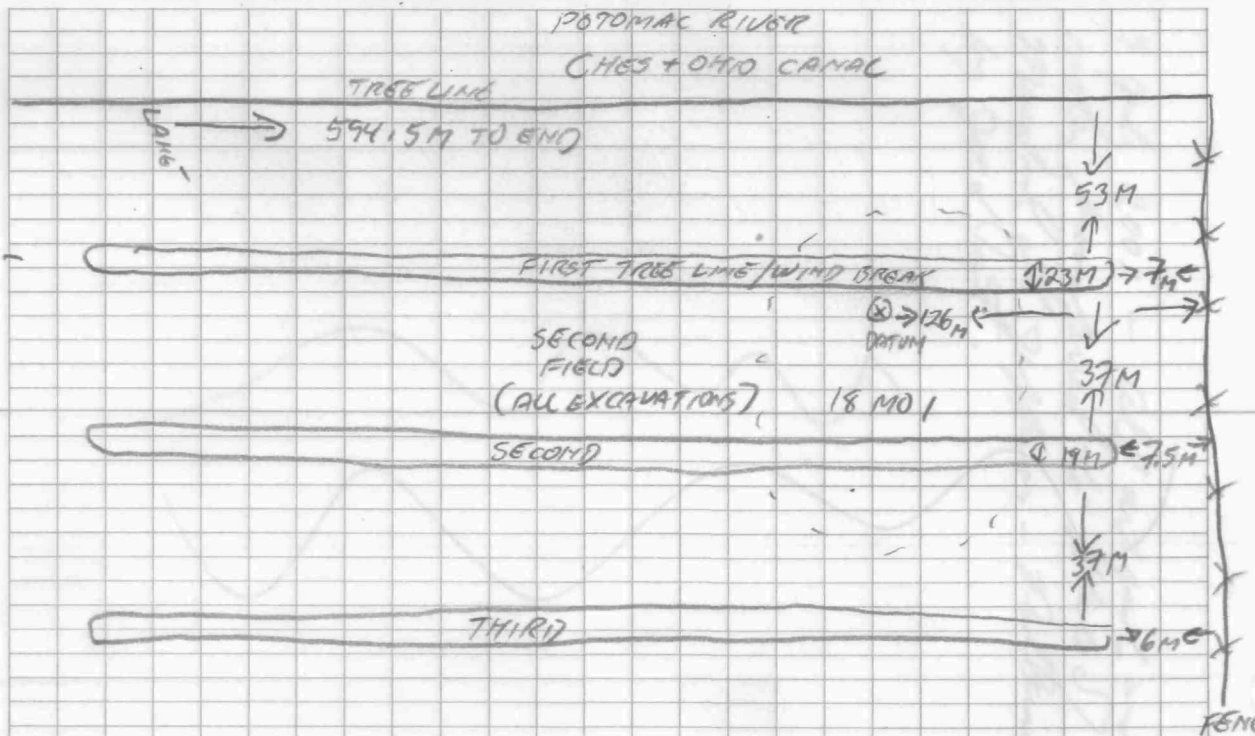
Field work on our water at the Hughes site is now complete after three seasons. We did the best we could with what we had. To anyone who might read this in the future, good fortune to you if you return to this site....

RETURNED TO SHOOT DATUM COORDINATES WITH GPS ± 10 METER ACC.

39° 4 MIN 36 SEC NORTH
77° 25 MIN 30 SEC WEST

UTM

18 290 202 E
43 280 073 N


POTOMAC RIVER
CHES + OHIO CANAL
TREE LINE
LAKE
594.5M TO END
53M
FIRST TREE LINE/WIND BREAK
23M
7M
126M
DATUM
SECOND
FIELD
(ALL EXCAVATIONS)
18 MO
37M
SECOND
19M
7.5M
37M
THIRD
6M
TURF FARM
SYCAMORE CANOING
PARKING AREA
FENCE
117

9 July 2001 – All artifact and notes transferred to State of Maryland at Jefferson-Patterson by Joe Dent.

23 MCS
DUCHOTS

ASM

1994 Field School

Friday May 20 27 adults

May 21 46 adults
2 children

May 22 46 adults
6 children

May 23 39 adults

May 24 36 adults

May 25 38 adults

May 26 40 adults
1 children

May 27
45 adults
2 children

May 28 54 adults
7 children

May 29 44 adults
7 children

May 30 26 adults
2 children

Include 5 students and teacher from Calvert Hall

5/22 - J. Sorenson ; teacher with 6-8 boys early teens

- Group of 10 3RD GRADERS to attend with teacher as a tour only.
not to dig