18BA 282
August 6, 85

Stone 180N/460W

Corner 100N-140N
465W-490W

240N 340N

420W 460W

440 480
To Do

Calculate Elevations

[Diagram with labeled elevations: 340, 360, 380, 400, 420]
8/6/85 First day actual excavation.

Have spent the past 3 weeks clearing brush to put in transects. Have had help from two Balt. County summer youth crews - which do a good job when they are working. Today Ede finished putting in grid in Area II - the 100'x80' area to NW of the main 300'x400' area I. Beth, Marty + Betty began SPI's first thing this morning starting on the western most transect of area I at 100N/500W. I told them to go slowly at first until we could see what the soil was like. Robert Henry in his 1983 report I phase I gave no real indication or description of soils - no profiles either. Thus we are initially having to identify a plow zone assuming one exists.

STP 100N/500W - Thin organic loam at surface initially defined as layer 1. Fairly deep plow zone - layer 2 of loose med brown clayey loam - almost a foot in depth - contains a lot of mineral (mica) flakes throughout.

Below plow zone is a med orange clay also with many flecks of mica?

-Small stones - not water worn - quartzite, schist found in all three layers.
8/7/85 - See Daily log - Crew worked on 430W transect. In middle of transect didn't find too much but found more toward S. end.


8/9/85 Spent morning taking few pictures. Then cleared for ST Pts. Still in 460 W transect. On E side ridge top soil in 7-8" below surface and a few pieces of creamware & CE are turning up. In 280N, Marty found 1 cream sherd w/ beads & type decoration.

8/10/85 Got crew organized then clearing machine came. Since I wasn't needed to monitor I was going to begin ST Pts in Area 2 when this came to get help w/ Hill Supply order. Went to lab straightened things out, then laid out soil samples. Monitored machine after lunch then began ST Pts in Area 2.

400N/600W Soil #240 - no artifacts
- Layer 1 = 0-.4' = looks like a combination of A & B horizon. No real horizon A was on surface
10YR 3/2 - silty clay w/mica flakes
- Layer 2 = .4-.65 = orangy brown, silty clay w/mica flake: below this was 7.5YR 5/8 - very silty sandy clay hard packed.
380N/600W F5# 239

Layer 1 - 10YR 3/2 dark brown silty clay w/mica flecks, 0 - 3' - 1 whiteware (spoon)

Layer 2 - 10YR 4/4 orange brown silty clay w/mica flecks, 3' - 6' in same soil, hard packed

This STP is an old road running E/W.

380N/620W Soil #242

- Layer 1 = 10YR 3/2 dark brown silty clay starting from surface 0 - 0.5', many roots - not quite as many mica flecks.
- Layer 2 = 10YR 4/4 orange brown silty clay, this layer fairly hard packed w/fewer mica flecks.

400N/620W Soil #243

No artifacts

Layer 1 = 10YR 3/2 dark brown silty clay w/ few mica flecks - roots 0 - 0.4'

Layer 2 = 10YR 4/4 orange brown silty clay w/mica flecks - fairly hard packed

No evidence of FP.

A total of 44 STPs done today. Clearing machine left at 1. An old black man who has lived in the area all his life came to look at the site area. I pumped him for info and he remembered the barn and house foundation back in the woods. He also remembered a stone wall where the fence line and EW 380 transect is now. That is what I was thinking when we hit the stone in the STPs. The man said he was 75 and was a member of Friends of Brewer.
Wed. 8/14/85 (Happy Anniversary) Stopped by Waltons to buy $10 worth of 60 common mails.

Fri. 8/16/85
Spent morning learning about yellow jacket nests - 5 so far! Then spent afternoon with Marty while Betzy and Ed taped in mails.
Beth 'm lab w/ Kris. After lunch, Bargan St P. I am in Area II:

N. 360/W 600 Soil #238 No artifact
Layer 1 - thin dark brown silty clay 10YR 3/3
0 - .25 - mica flakes - many
Layer 2 - orangy brown silty clay w/ bits of stone & mica flecks. Took down to 1.0 but no change. 10YR 4/4. Fairly hard, packed. No evidence of flow zone, looks like eroded subsoil w/a thin organic zone on surface.

N. 360/W 620 Soil #241 No Artifact
Layer 1 - thin dark brown silty clay 10YR 3/3
0 - .3 w/ many mica flecks
Layer 2 - orangy brown silty clay w/ mica flecks
10YR 4/4 w few stones - not w. Same comment as above - not 2. Took down to .8

N. 360/W 640 Soil #352
Layer 1 - dark brown silty clay 10YR 3/2
0 - .8 on N side, 0 - .5 on S side.
Layer 2 - orangish brown silty clay w/ mica flecks. 10YR 4/4
- Apaipana looks like no PZ is present only eroded and soil w/ organic surface.

380N/640W Soil #350/FS 351 - tinglaze
Layer 1 - Dark brown silty clay 10YR 3/3
O - 2
Layer 2 - Red brown silty clay w/ only little mica flecks & few stones. Took down to 8 10YR 4/3
- Looks like no PZ is present just silty with a thin organic layer on surface.

400N/640W Soil #354 - no artifacts
Layer 1 - Dark brown silty loam w/ few mica flecks 10YR 3/3 O - 2.5
Layer 2 - Orange brown silty clay 10YR 4/4 w/ few mica flecks. Took down to 0.7

400N/660W Soil #357 - no artifacts
Layer 1 - Dark brown silty loam O - 2.5
10YR 3/3 w/ few mica flecks.
Layer 2 - Orange brown silty clay w/ few mica flecks, 10YR 4/4 - took down to 1.47 times if any change but was more except soil turns slightly lighter. - fairly hard packed.
380N/660W Soil #356 No artifacts
Located in noodle bed
Layer 1-thin under-developed organic A horizon
Dark brown silty loam w/very few mica flecks 0-2, 10YR 3/3
Layer 2-orange brown silty clay w/few mica flecks, hard packed, 10YR 4/4. Took down to 85', no sign of blow zone ended subsoil in thin organic surface. Surface S 578
Angles down to west - slightly more orange

380N/660W Soil #355 PS #375 Level
Flint
Layer 1 - starts at surface and goes down to 5' 10YR 3/3 with lots of mica flecks, loam.
Layer 2 - orange brown silty clay 10YR 4/4
Also w/ mica flecks. Soil colors in this STB are same as others in Area 1.
Dist is more mica and layer 1 is deeper.

General Statement of Area II
Almost entire area appears to have thin organic layer 1. Because of location on a hillside, erosion could have drained off much of this surface leaving the subsoil exposed. A thin veneer has since developed over this. The separation bet. Layer 1 & 2 has not been very distinct in this area - i.e., a blending of colors exists at the boundaries of layers. Artifically the area was sparse yet if time permits further testing should be done.
N 240/W 240 Soil #376 FS 1

Layer 1 - PE med brown silty loam, few 2 to 0 - 28, 10YR 5/4 - but not quite
Layer 2 - orange brown hard packed silty clay 10YR 5/6

N 160/W 240 Soil #381 FS 386

Layer 1 - dark brown silty loam - organic surface 10YR 3/3 - 0 - .2
Layer 2 - med brown silty loam 10YR 4/3 - 4/4
Layer 3 - subsoil 10YR 4/4 - mangan - very hard packed. - took to .9

N 100/W 220 Soil #387 FS 383

Layer 1 - organic surface - dk brown charcoal silty loam O - .2, 10YR 3/3 - 4/3 2 cm 1 stone
Layer 2 - .2 - .7 med brown silty loam 10YR 4/4 - 5/4
Layer 3 - orange brown silty clay hard packed 10YR 5/6 took to .8

N 140/W 220 Soil #394 FS 400

Layer 1 - thin dk brown silty loam 10YR 3/3 - 4/3 O - .2
Layer 2 - mixture of typical layer 2 + layer 3.
Matrix is 10YR 5/4 .2 - .8
Layer 3 - orange brown silty clay 10YR 5/6
N 380/W 220 - just S of fence line

Layer 1 - Dark brown silty loam 0 - 0.1
10YR 3/3

Layer 2 - Medium brown silty loam 0.1 - 1.1
10YR 4/3 - 4/4

Layer 3 - Orange brown silty clay 10YR 5/6