Leith Smith

18BA 282

August 6, 85

Stone 180N/460W

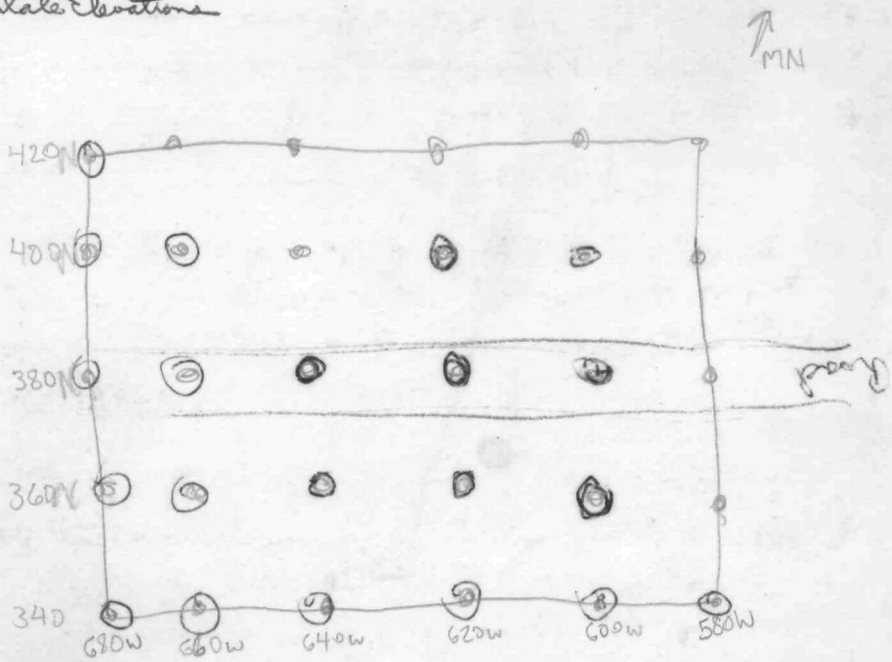
Corner 100N-140N
465W-490W

240N-340N

~~420~~W-~~460~~W
440 480

TO DO

Calculate Elevations



8/6/85 First day of actual excavation.

Have spent the past 3 weeks clearing brush to put in transects. Have had help from two Balto County summer youth crews which do a good job when they are working. Today Edi finished putting in grid in Area II - the 100'x80' area to NW of the main 300'x400' area I. Beth, Marty + Betsy began STP'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 Harry in his 1983 report of phase I gave no real indication or descriptions 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 silty loam - almost a foot in depth. - contains lots of mineral (mica?) flecks 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 480W transect. In middle of transect didn't find too much but found more toward S. end.

8/8/85 Rained in morning. Working Northward in 460 W. transect. Not too many artifacts Marty in 180N hit stones about 6" below surface.

8/9/85 Spent morning taking few pictures. Then ~~[illegible]~~ cleared for STP's. Still in 460 W transect. On ~~[illegible]~~ side of ridge top soil is 7-8" below surface and a few pieces of creamware + CC are turning up. In 280N, Marty found 1 cream sherd w/ Weildon type decoration.

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

400N/600W Soil #240 - no artifacts
- Layer 1 = 0 - .4' - looks like ~~[illegible]~~ combination of A + B horizon. No real organic A was on surface. 10YR 3/2 - silty clay w/ mica flecks
- Layer 2 = .4 - .65 - orange brown silty clay w/ mica (- below this was 7.5YR 5/8 - very silty - sandy clay hard packed. loose packed

380N/600W Soil FS# 239 artifact FS#

Layer 1 - 10YR 3/2 dk brown silty clay w/ mica flecks. 0-.3' - 1 whiteware (sponge)

Layer 2 - 10YR 4/4 Orange brown silty clay w mica flecks Stopped at .6 in same soil. - hard packed

This STP is in old road running E.W.

380N/620W Soil #242, No artifacts - in old road

- Layer 1 = 10YR 3/2 dk brown silty clay starting from surface - 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 dk brown silty clay w/ few mica flecks + roots 0-.4'

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

No evidence of P.2.

A total of 44 STPs done today. Cleaning 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 of when we hit the stones in the STPs. The man said he was 75 and was a member of Friends of Bannecker.

Wed. 8/14/85 (happy anniversary) Stopped by Wilsons to buy $10 worth of 60 common nails.

Fri. 8/16/85 Spent morning burning out yellow jacket nests - 5 so far. Then redid elevations w/ Marty while Betsy + Edi taped in nails. Bath in lab w/ Kris. After lunch began STPs. I am in Area II:

N 360/ W 600 Soil # 238 No artifacts
Layer 1 - thin dk brown silty clay 10YR 3/3
0 - .25 - mica flecks - 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 plow zone. Looks like eroded subsoil w/ a thin organic zone on surface.

N. 360/W 620 Soil # 241 - No Artifacts
Layer 1 thin dk 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 ww. Same comment as above - not PZ. Took down to .8

N. 360/W 640 Soil #352 FS# 353 1 coal
Layer 1 dk brown silty loam 10YR 3/2
0 - .8 on N side, 0 - .5 on S. side.

Layer 2 - orange brown silty clay w/ mica flecks 10YR 4/4
Again looks like no PZ is present - only eroded subsoil w/ organic surface.

380N/640W Soil #350 / FS 351 - 1 tin glaze, 1 nail
Layer 1 - Dk brown silty clay 10YR 3/3 0-.2
Layer 2 - Med brown silty clay w/ only little mica flecks + few stones. Took down to .8 10YR 4/3
Looks like no PZ is present, just subsoil with a thin organic layer on surface.

Sat 8/17/85 Marty + Kris not here today
400N/640W Soil #354 - No artifact
Layer 1 Dark brown silty loam w/ few mica flecks 10YR 3/3 0-.25
Layer 2 Orange brown silty clay 10YR 4/4 w/ few mica flecks. Took down to .7

400N/660W Soil #357 - no artefact
Layer 1 dk brown silty loam 0-.25 10YR 3/3 w/ few mica flecks.
Layer 2 - orange brown silty clay w/ few mica flecks, 10YR 4/4 - took down to 1.4 to see if any change but was none except soil turns slightly lighter. - fairly hard packed.

380N/660W Soil # 356 No artifacts
-located in roadbed
Layer 1 - thin under-developed organic A horizon
Dk. 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 plow zone - eroded subsoil w/ thin organic surface. Surface of STP sloped down to west. - slightly more orange at bottom.

310N/660W Soil # 355 FS # 375 2 coal 1 flint
Layer 1 - starts at surface and goes down to .55 10YR 3/3 with lots of mica flecks, dk. brown silty loam.
Layer 2 - Orange brown silty clay 10YR 4/4 also w/ mica flecks. Soil colors in this STP are same as others in Area II but 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 hill side, erosion could have drained off much of this surface leaving the subsoil exposed. A thin lens has since developed over this. The separation bet. Layer 1 + 2 - has not been very distinct in this area - is a blending of colors exists at the boundaries of layers. Artifactually the area was sparse yet if time permits further testing should be done.

N 240/W 240 Soil # 376 FS 6 coal 1 iron ore

Layer 1 - PZ med brown silty loam, few roots 0 - .8, 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 - med brown silty loam - organic surface 10YR 3/3 - 0 - .15

Layer 2 med brown silty loam 10YR 4/3-4/4 .15 - .85 lighter

Layer 3 - subsoil 10YR 4/4 - orange - very hard packed. - took to .9

N100/W 220 Soil # 387 FS # 393 Artifacts 1 clear glass 1 charcoal 2 coal 1 stone

Layer 1 - organic surface - dk brown silty loam 0 - .2, 10YR 3/3-4/3

Layer 2 - .2 - .7 med brown silty loam 10YR 4/4-5/4 few inclusions of subsoil.

Layer 3 - orange brown silty clay, hard packed 10YR 5/6 took to .8

N 180/W 220 Soil # 394 FS # 400

Layer 1 - Thin dk brown silty loam 10YR 3/3-4/3 0 - .2

Layer 2 = mixture of typical layer 2 + layer 3. Matrix is 10YR 5/4 .2 - .8 - med brown silty loam

Layer 3 - orange brown silty clay. 10YR 5/6

N.380/W.220 - just S. of fence line

Layer 1 - Dk. med. brown silty loam w/ roots
10YR 3/3 0 - .1

Layer 2 - Med brown silty loam .1 - 1.1
10YR 4/3 - 4/4

Layer 3 Orange brown silty clay 10YR 5/6