E.C. Coker
18BA282
Banneker Project
1986 Field Season

18 BA282 8-6-86

Banneker Site

Removed back fill from Fea. 10 - Root Cellar. Hot and humid. Crew - Edie, Camille, Ann, me w/ John as crew + interp. and Mosses at int.

8-7-86

Continued to remove back fill from Fea 10. Cleaned South tier of units for use during John's first presentation. Very humid, some rain, hot in afternoon.

Completely cleared and opened previously excavated north half of Fea. 10. Read over paper work from last season re: fea. Robert and Kate trying to reconnect w/ grid but unsuccessful so far. Apparently, our 460 line wavered. Could offer no explanation other than fact that much of clearing was done by machine after grid was set in.

8-8-86

Cleaned out Fea. 10 and re-examined profile - at close of last season, we decided that the excavation had not reached the subsoil, but only a clay liner - now we will try to remove liner by tracing out micaceous sand sub. found only in side cuts at bottom. May not be able to determine outside of slip if it's too similar to clay loam subsoil (above sand subsoil)

Will remove floor first to see if wall liner underlies it - check Munsells on floor, north wall, and L-11 to see if any similarity. Does not appear to be very deep level -

8-9-86

Bench Elev. + BS = HI − Elev. = Elev.

376.41 + 0.48 = 376.89 − 5.11 = 371.78 ① Quad Wall
Base of L-8 − 5.30 = 371.59 ② Mouth Slope
− 5.61 = 371.28 ③ Deep pit at profile

Assuming that 376.41 is correct reading for stump adjacent to Fea. 10. Leith apparently did not reference the various stumps.

Drawing addition to west profile.

Cleaned North wall and base of excavation in preparation for planview photo.

In looking at North wall, it is obvious that transition from clay subsoil to sand is very gradual and that the edge of the clay liner can be detected most of the way up - so perhaps it can be felt if not actually seen as layer 9 is excavated.

8-12-86

Took new elevations for the base of L-8 and top of L-9

376.41 (Bench)
+ 0.30 (Nail)

376.71 − 5.02 △4 = 371.69
− 4.95 △5 = 371.76
− 4.66 △6 = 372.05
− 2.47 △7 = 374.24
− 2.53 △8 = 374.18

Cool and cloudy - Good day for arch! Will now begin to remove L-9 in NW Quad. beginning w/ sand edge at bottom - the liner did peel back rather easily except close to top edge where it seems indistinguishable from clay loam subsoil. Liner was approximately 1.5' deep across bottom of NW Quad. whether originally packed that way

or due to standing water. - Some pockets of sand and numerous pockets of dark organic silt loam which may indicate episodes of standing during years of use.

8-13-86

Cool and cloudy again - need to complete paper work on Feature 10 and perhaps begin water screening.

Bottom Elev. - Base of L-9 376.71 - 5.88 = 370.83 1
- 5.85 = 370.86 2
- 5.90 = 370.81 3
- 5.88 = 370.83 4
- 5.85 = 370.86 5
- 5.86 = 370.85 6
- 2.47 = 374.24 7
- 2.53 = 374.18 8

8-14-86

Put Feat. 10 on hold for a while until a 5×5 can be continued down well into subsoil for sort. Clarity - in the interim, have been water screening Feat 10, L-8 + 9 and some of L-10. Today - generally sunny, mid 80's - pleasant.

8-15-86

Entered all elevations and calculations in survey log.
Continuing work on N235 W460 - will take down into subsoil - L-2 contains L-1 that Leith took out last year and

8-16-86

Have plowed N235 W460 for the season and did STP's in Area 5 for the rest of the day. Very humid day.

8-19-86

Back to N235 W460 w/ Jane - very wet and sticky -

Elevations Base of L-2

SW 1.34	0.33	= 1.01
NW 1.47		= 1.14
NE 1.36		= 1.03
SE 1.30		= 0.97
CTR 1.33		= 1.00

TAKING NORTH HALF DOWN - STRATIGRAPHIC CUT -

8-20-86

RAIN - IN LAB - SOME ORGANIZATION AND WASHING OF ARTIFACTS (ALL COLLECTED TO DATE)

8-21-86

RAIN - IN LAB - CREATED SOME DISTRIBUTION MAPS FOR WHITE SALT GLACE + RHENISH - AREAS I, II + III AND COARSE EARTHENWARE FOR AREA III

LOOKED AT CATEGORIES OF CE IN PREP. FOR ENCODING

8-22-86

BALED UNITS, DID STP'S, HELPED TRIANGULATE UNITS - RELATIVELY COOL - HIGH HUMIDITY

8-23-86

WEATHER PLEASANT - DON AND JANE DUNSMORE AND I TOOK OUT AND SCREENED N140 W245 TO SUBSOIL - NO FEATURES ENCOUNTERED -

8-26-86

CONTINUE TAKING OUT NORTH HALF OF N235 W460 LOOKS VERY WET STILL - JOHN OFF FOR TWO DAYS - I SHOULD HAVE KNOWN HE WOULD ESCAPE THIS UNIT.

8-27-86

CONTINUED IN JOHN'S N170 W260 L-1 SINCE I NOW NEED A SHORT HANDLED SHOVEL TO WORK IN N235 W460.

8-28-86

RAIN. SPENT MOST OF DAY IN LAB WASHING ARTIFACTS. CLEARED IN AFTERNOON. TROWELED OFF FEATURE 10. TOM AND ETHEL CAME OUT.

8-29-86

FINISHED TROWELING DOWN N170 W260 - FEATURE APPEARED IN NW QUAD. PASS POST MOLD IN CENTER. CANNOT FINISH PAPERWORK UNTIL PHOTO IS TAKEN. WILL DO STP BETWEEN FEA 10 & 22 IN INTERIM

9-2-86

RAIN - IN LAB TILL ABOUT 1:30 WASHING ARTIFACTS. THEN OUT AT SITE TO DO STP'S.

9-3-86

WORKED W/ JOHN ON N175 W260 TILL HE WAS PULLED OFF TO ANOTHER UNIT - OVERCAST - PROB. RAIN

9-4-86.

COMPLETED PAPERWORK ON N175 W260 - IDENTIFIED DISTURBANCE IN SUBSOIL AS FEA 85 INCLUDING BURNED AREAS
OVERCAST

9-5 through 9-17 have been perfectly reconstructed.

9-5-86 Profiled North Wall N235 W460
w/ Kate and Carolle

9-6-86- ?

Tues
9-9-86 Unit Excav. N200 W450

WED.
9-10-86 Cont. in N200 W450

Thurs
9-11-86 STP's Break

FRI
9-12-86 Set out 4 unit - began N220 W465

Sat
9-13-86 Unit Excav N190 W445

Tues -
9-16-86 Unit Excavation - N190 W445

WED
9-17-86 Unit Excavation - N195 W445

9-18-86 - N195 W445 w/ Anne

9-19-86 - N195 W445 w/ Anne again
set in units for kids

9-20-86 Cool and overcaste - Excavation of
N300 W430 w/ Ralph Doyle and Brandon
and Stacy - kids were helpful, careful and
interested

9-23-86 - Continuation of N300 W430
Relatively hot and humid - will set out more
units for large group of kids coming tomorrow.
Mapped and recorded but not photographed.

9-24-86 - N325 W430 w/ Rotating groups of kids
Incredibly horrible morning - kids not bad
but not nearly so easily controlled as Ralph
Doyle's group - also not particularly interested.
Unit strange w/ subsoil - very high in NE
corner - looked on it w/ Carille in afternoon.

9-25-86 Rain in morning - Stayed in lab until
1:30 - Group from Jamercy (?) cancelled - in
afternoon, Anne and I opened North half
of N145 W255 to look for extent of
intrusion into sub notes in N150 W255

9-26-87 Cont. w/ Anne on N145 W255 North half only - Received punctured from glass in screen - (Stupid) at end of day - still have to draw plan view.

9-27-86 - Starting N210 W480 in order to accomodate Lee Preston's group -

9-30-86 - Anne + I drew planview of probable root disturbance in North half of N145 W255 - Edie and I trowelled down two units at East Edge of Fea. 22 - amorphous area of dark soil intruding into subsoil - Sprayed it down and covered it - Sprayed three units at South Edge and recovered them - Help Camille take points on two poss. post molds in her unit and sprayed + covered it

10-1-86 - Helped Anne draw planview and take elevations + Munsell.
Worked on profile and descriptions for deep unit - Began work on Fea 22 (N180 W455) Took elevat. on exposed stones, new munsells, new elevat. on top of level - Barely began excavation - Did so many little piddly things yesterday and today, do not feel I've accomplished much.

10-2-86 - Took Fea 22 N180 W455 down 0.10' cleaned off, took some elev., photographed and went to water screen, but did not get to own soil.

10-3-86 - Much consultation re: last year's base of PZ planview and addition of newly uncovered stones. It was decided that a new map would be made - Anne and I began to do so - Broke to put in new units during rain - Back to mapping.

10-4-86 Anne + I have mapped all stones and artifacts visible - I took elevations on the larger ones and painted their numbers

on them in gessd which probably will not stay - have pulled all artifacts (provenienced artifacts have been bagged separately) and stones which do not extend into soil more than 0.10' in preparation for continuing in Layer 1, Level 1 at least another tenth. Have still not water screened any of this material. In mapping, it became evident that the unit as set up this year is slightly askew from the way it was established last year. Now set about 0.15' south and approx 0.05' east of west wall - Not much we can do w/ east wall at this stage since N180 W450 has been excavated. It was rained lightly all day

10-7-86 Large group of kids coming - will continue in John's unit of last week N225 W445 - morning is clear and brisk - beautiful - will do a 20 min. stint at washing artifacts w/kids.

10-8-86 Unbackfilled unit west of Fea. 18 and backfilled N235 W460 (deep unit). Spent remainder of the day water screening soil from Fea. 22 - N180 W455 - ceramics, particularly CF, small pieces of charcoal i.e. wood, nuts + charred bone. Collected small rocks from screen and bagged separately. All rocks from Layer are being kept together.

10-9-86 Fea. 22 N180 W455

Taking out next 0.50' soil appears to change texturally - very silty, damp + loose in NE quad - becomes quite hard and dry in SE quad, particularly near SE corner - may be also some difference in color - looking for an edge of some sort.

10-10-86

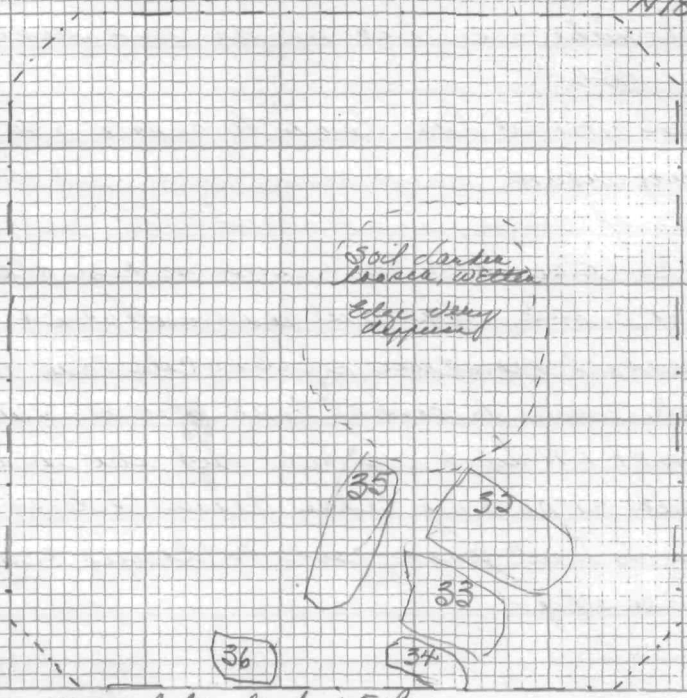
Began excavating a third 0.10' and took elevations on newly exposed rocks #32-36 which are all large and deeply embedded but have not been mapped - so numbers must be maintained on rock surfaces - water screened wheel barrow load and then worked w/ CCB students on N225 W445 (which was very hard + compact and had few artifacts)

10-11-86

Will record on this page approx. position of #32-36 in Fea 22 N180 W455 - these have appeared about midway through Layer 1 - level 1

FEATURE 22

N180 W455



Water-screened for last 1.5 hrs.

Took 1/2 hr for lunch in spite of volunteers but stayed till 4:00 to make up for 1 hour lunch?

10-14-86

Rain - stayed in lab.

10-15-86 - Cold - sunny

Back to Fea. 22 N180 W455 - rain appears to have washed through but no apparent change. Have been looking for clarification of a difference in soil texture and color as sketched on rushed and inaccurate planview on previous page. Am not entirely sure this really exists. The difference is greater from that near south wall than any other part of unit - that near south wall is harder and drier as well as less dark. But because of this difference will terminate the level at 0.4' rather than 0.5'. Am removing all small rubble as I go, as per instruction from Kate.

Have removed level down to approx. 0.40' all the way around except along south wall which because of stones, is at about 0.30'. Dark soil area has changed and seems to run along strip of rubble. am still concerned about differential moisture affecting color and texture.

Kate wants to start of level it out - NW corner is now at 1.71 below nail head and she wants as much as possible taken down at least to 1.65. Trying to level among rock to clarify any possible edge.

10-16-86

Water screened all morning - afternoon back in Fea. 22 - still leveling to about 1.65
Except that now we are not levelling to 1.65 because that would take the NE corner below the 0.50' level which in that corner would be 1.54 - unfortunately, that is about where it was when I began excavating just now so I have gone below level (in my effort to get to 1.65'.
Will now try to get hump out of center betw/ rocks and clean up so Robert can look.

Next will take out Fea. 22 in N175 W455 which appears to be a narrow strip along North edge - then the triangular part of Fea 22 in N180 W 460 - both presumably at 0.50' levels

10-17-86 Light rain - overcoats - dark

Am temporarily abandoning N180 W455 and will trowell down the EAST WEDGE OF N180 W460 w/in the SE Quad of FEA. 22.

10-18-86

Sunny and brisk - Field workshop day - mapping of Fea 22 N180 W455 at base of Layer 1, Level 1 - w/ help from Al Godrey - got finished far more that it initially seemed would be possible - only a few rocks in NW corner not yet done.

10-21-86

Cold and clear - w/ help from Anne, finished up planview of Fea. 22 N180 W455 at Base of Layer 1, Level 1. Still need elevations but Kate wants to wait till Robert has scratched around for edge of darker soil among rocks -

In meantime need to trace last year's planview of FEA 22 N180 W460 onto this year's level sheet - take elevations before beginning to excavate. Will take down 0.10' and map again, then excavate down to current level of N180 W455.
w/ Camille & Kate, removed balks at N175 W460 and N180 W460.

10-22-86

Clear and warmer - continuing in Fea. 22 N180W460

In removing the top 0.10' and bringing it back toward the south wall I have encountered the edge of feature North of the south wall of the unit. Kate instructed me to remove the 0.10' to the wall anyway in an effort to clarify the edge - It would seem that the PE was not totally removed, which we should have expected -

* Will now call this 0.10' "Layer 1, Level 1a" and go back to N180 W455 and divide off the mapped artifacts as being of that level too. Will need to do new level sheets for both units

10-23-86

Down w/a cold - did not come in.

10-24-86 - Came in but should not have. Worked on water screen most of the day and dry screened for Al and Camille.

10-25-86

Bronchial difficulty - did not come in.

10-28-86

Baited and trowelling down N175 W455, N175W460 + N175 W465.

Still need to do new level sheets as indicated above *.

10-29-86

W/help from Kate, Robert + Edie (separately) I mapped N180 W460 Fea 22 base of Layer 1, Level 1a (the first 0.10')

Bunch for John.

10-30-86
Will remove area around rocks left by Al Jodrey in N185 N460 w/in Fea 22.
Then will continue in N180 W460 to take it down to base of Layer 1, Level 1.

10-31-86
Kake appeared to be concerned w/ how deep I was so I've decided to close this level at least for the present at 0.35'. There has been a lot of charcoal among the rocks, some of which has been large enough to collect - artifact content has seemed low -
Soil in SW corner of SE Quad of Fea. 22 (N180 W460) (about center of South half of Unit N180 W460) seems different in texture if not in color - South edge in general is very difficult - boundary is not clear, but gradual diffuse - textural differences appear first, then color change becomes apparent. Profile (WEST) does not reflect perceived changes in soil which becomes more compact, gritty w/ increase in clay content and lightening in color - But light is very poor now that the sun is lower. Soil, even while changing toward South edge, still contains flecks of charcoal and rocks similar to those w/in Fea 22. Am not certain that what has been left as the edge is really subsoil because it is so heavily mottled and includes one large mottle of very light colored and very fine clay. Will stop work at this point on N180 W460 and move over to clean up N180 W455 and remove some stones and soil still sitting fairly high, before photo tomorrow.

11-1-86
OVERCASTE AND COOL - CLEANED UP FEA 22 and photographed all of Base of Layer 1, Level 1.
Next, will need to correct Planview for N180 W455 and do new planview of N180 W460. Then begin new level.

11-4-86 Rain - In lab

11-5-86 Rain - In lab

11-6-86 Mapped N180 W460, N185 W460 AND N185 W455 of Fea. 22.

11-7-86 Took elevations and nunsells and generally tried to reconstruct for level sheets for Layer 1, Level 1a and Layer 1, Level 1 of N180 W455 and N180 W460 of Fea. 22.

Cleaning west profile of N180 W450 and N185 W450 and trowelling down N180 W455 and N180 W460

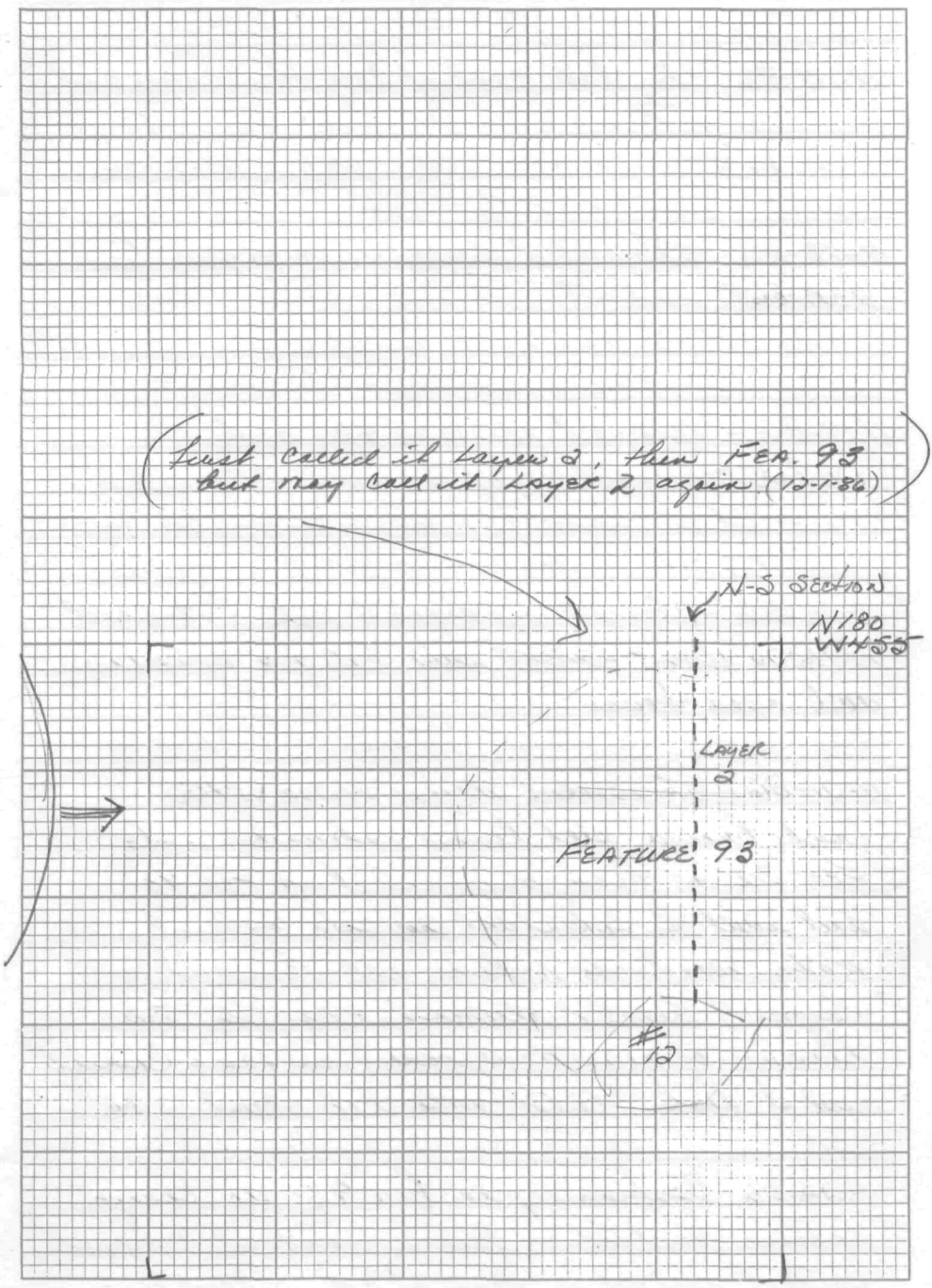
11-8-86
Work on N250 W450 and then went into lab - rainy and cold.

11-11-86
Rained all day in lab

11-12-86
Baled - went into lab - came back out in afternoon

11-13-86 - Trowelled down FER 2.2 N180 W455 and N180 W460 to enable Lab. to look at edge of dark area. It was decided to section it (dark area) N-S parallel to grid and excavate East portion - calling it Layer 2. Established 0.70' from East wall. Will excavate from South end inward to more easily define North edge
Stones under removed back in SW corner of N185 W450 have a different appearance from those in N180 W455 and N180 W460 in that they seem more weathered, pitted, etc. - less angular

(first called it Layer 2, then FEA. 93
but may call it Layer 2 again (12-1-86))



11-14-86 ?

11-15-86 In lab part of day then came out
?

11-18-86 Trowelled down N210 W480 to
subsoil. and ?

11-19-86 - mapped N210 W480 and
water screened in afternoon - horrible.

11-20-86 - Cleaned up around site - mapped
in N220 W465 - went into lab for afternoon
and open house

11-21-86 Trowelled down N200 W450
Dark brown silt loam intrusion into
Fea. 22 is being designated as Fea. 93
and will be taken out in its entirety.
Kahn wants to retake all Base of
Layer 1, Level 1 elevations for Fea. 22
because of some discrepancy in these Cornelle
and I took. Went into lab about 3:00

11-22-86 Continuing in Fea. 93 - no longer
appears roasted - fair amount of artifacts
present including base of CE w/lead glaze.
Soil is very loose, moist, organic silt loam dark

than sandier silt loam of Fea. 22. More stones showing up - Robt. suggested that they may be in situ. Gritty also and mottling are showing up along rim but not below. Robert suggests that this may be the next stratigraphic layer which is just appearing higher here than elsewhere. Straight pin was found but lost in transit to lab.

Have been instructed to remove lightly mottled silt loam among and north of rocks to see if it overlies darker, stickier silt loam of what is still being called Fea. 93 - Will call this lightly mottled stuff Layer 1, Level 2. and will remove it in 0.10' increments.

11-25-86

Continued trowelling back layer 1, level 2 in Fea 22 and can better see the transition to a mixed fill around large rocks in South half of N180 W455. At west wall there is an area of mix - dark organic silt loam, lighter sandy silt loam, charcoal and burned clay. Am no longer following the original slope as at the beginning - but neither is it being leveled, just something in between.

Have also trowelled down the north half of N180 W460. Will go to water screen for afternoon.

11-26-86

Rain all day - Stayed in lab

11-27-86
11-28-86] off for Thanksgiving
11-29-86

12-1-86 In lab for an hour or so in morning
Trowelled down (and shovelled) N180 W470
Spent some of afternoon on water screen.

12-2-86 In lab all day

12-3-86 On water screen all day

12-4-86 Trowelled down and mapped N200 W450 and N200 W455
Began trowelling in Fea. 22 N185 W455
Layer 1 Level 2 - trying to come down hopefully on darker, silter Layer 2

12-5-86

Continued work in Fea. 22 N185W455 Layer 1, Level 2. Removed approx. 0.20' in all - Began by tracing out linear area of sandy mottles per Robert's instructions in expectation of coming down onto darker, siltier soil as in Fea 93 (or Layer 2) At first it appeared to do exactly that but not consistently - Even along south wall directly adjacent to darker soil in N180 W455 the soil appeared to be normal gritty, Layer 1, level 1 mottled soil.

So it was decided to sort of carefully treat it as Layer 1, level 2 even in SE quadrant where the soil is very dark and sort of greasy - Fragments of window glass while not prevalent are present throughout. Robert says that suggests the soil is probably the same stuff even if there are vague color and textural differences.

12-6-86

Very cold - in lab for the morning.

12-30-86

Kate collected journals and did not return them again until around Sec. 22. We were in the lab for most of that time. She collected them again Sec. 23. So I cannot record my activities in the field since the 6th.

In lab now - will be in field in afternoon.

Last week - (12-22 + 23) trowelled down a few units for photo, did some mapping

and Russello - Some water screening on 12-19-86
Cold, but sunny.

1	1.18
2	1.29
3	1.12
4	1.17
5	1.05
6	1.07
7	1.12
8	1.10
9	1.24
10	1.37
11	1.21
12	1.24