18 AN 489

HIGGINS SITE

Phase III

7/88 – 11/89

CAC FIELD NOTES

PHASE III

HIGGINS SITE 18 AN 489

Principal Investigator/Field Director: Ebright CAC
Assistant Field Director: White LCW

Crew: Coerper ALC Nozick JEN
Lee RSL Rosenthal DJR
Greist DLG Perley MRB
Bilderback DRB Kirkpatrick DLK
Germer JVG [illegible]
Bibler DCB
Guan GXG
Curry TPC
Rodriguez LJR
Ford VAR
[illegible] WED
Cirello CJC
Ward ETW [illegible]

HOLIDAY INN 6323 Ritchie Hwy
636-4300
Anne Caruso ext. 143

Nel 426-5339

Next Fea. #-8

White - 243-2687
229 E. 33rd St., Apt. B-2
Balt. MD 21218

Bilderback - 563-5310

Greist - 734-6726 - 676-6254

Lee - 596-5402

Cooper - 366-2044

Dorshow - 747-8854

Germer - ~~405~~

Bibler -

Guan - ~~431~~

Currey (Kirkpatrick) - 889-1248

Rodriguez - 498-8813

Reigel - 235-8127

Civello - 235-8127

Nozick - 235-6625

Rosenthal - 583-4882

Burley - 734-4516

Chisholm - 547-7309

7-11-88

Weather: muggy + hot ~100°, very hazy
Crew: CAE, ECW, RSL, ALC, DRB, WBD

1st day of Phase III. Got out here about 9:30 + showed new people around briefly. Started Esther re-setting grid from original Phase II datum N900-W900. Will put in wooden stakes every 15 m within the project area plus next stake outside.

ALC + DRB cleared area around Unit 2, + also around Unit 3. Broke both axes. Left most of big trees in around Unit 3 intact + will cut them down as necessary.

Site area is generally undisturbed w. most of the pin flags still in place. No evidence of vandalism. Area is very dry + many groundhog burrows in evidence on the ridge edge in the southern site area. Fill is very white + extremely dry, apparently at relatively great depths.

Quit around 4:30.

7-12-88

CAE in. Rest of crew out. Raining off + on today so they are clearing more area.

Stakes set in * outside project area

*N 900 W 885
N 900 W 870

*N 870 W 900

*N 855 W 900
N 840 W 900

W 825 W 900
* W 810 W 900

7-13-88

Slightly cooler + less muggy. ECW + crew are mapping today. I went out at noon. Web is doing the map plotting on the spot. Will use .25 m contour interval. RSL + MLC clearing + manning the rod. ECW appears to be doing quite well with the transit.

DRB + I cleared a swath from the fire road back to Unit 2 area to make the transit station visible to all blocks.

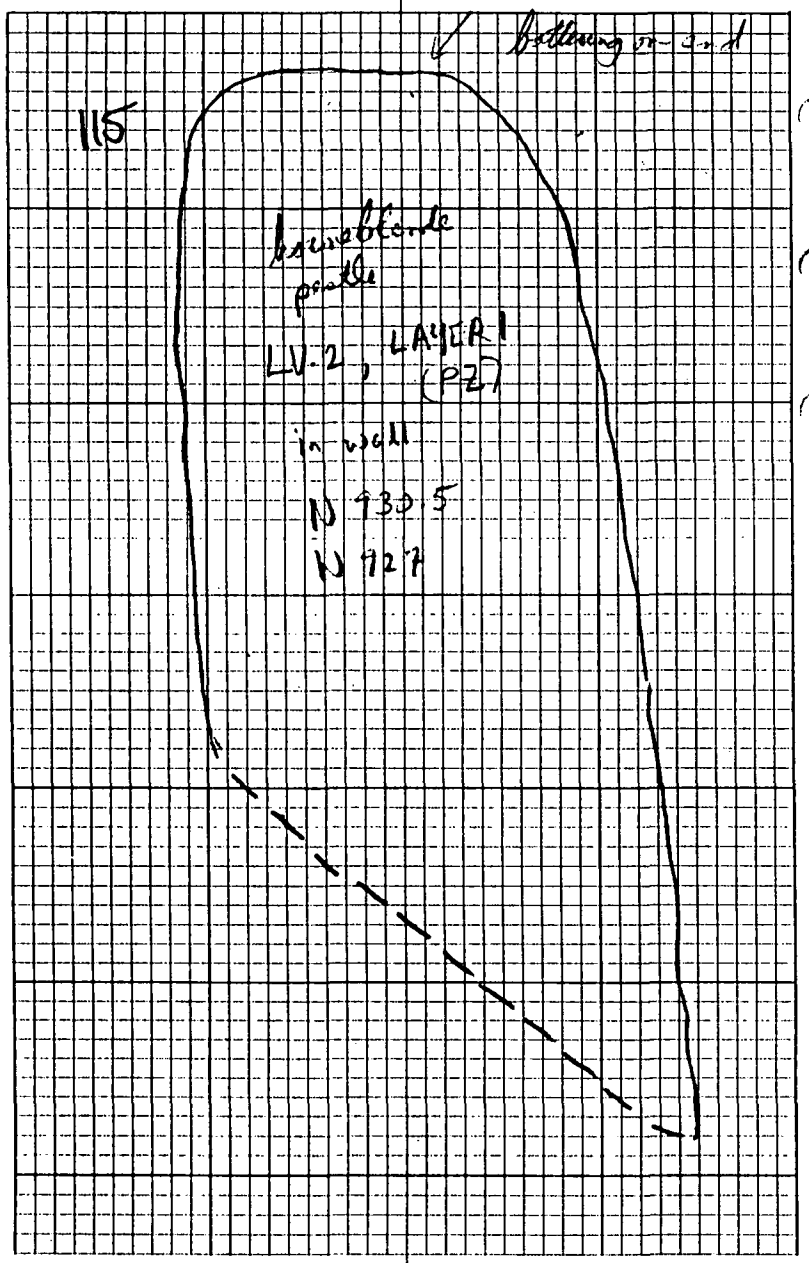
7-14-88

ECW is out with crew. I stayed in for Dobbie second interview + to keep hiring people for Higgins. Full crew by end of day

7-15-88

Orientation day. All crews inside. 1st day for Bibler, Cirello, Rodriguez, Gomez, Curry. Owen had car accident + couldn't make it today. Gave Reigel to Rich to use for drafting after orientation. Put Scott in charge of loading supplies. MLC working for Rich. Others washing stuff from Shoal Creek.

Potential problem w. rented vans vs. state bureaucracy developed Friday afternoon



7-18-88

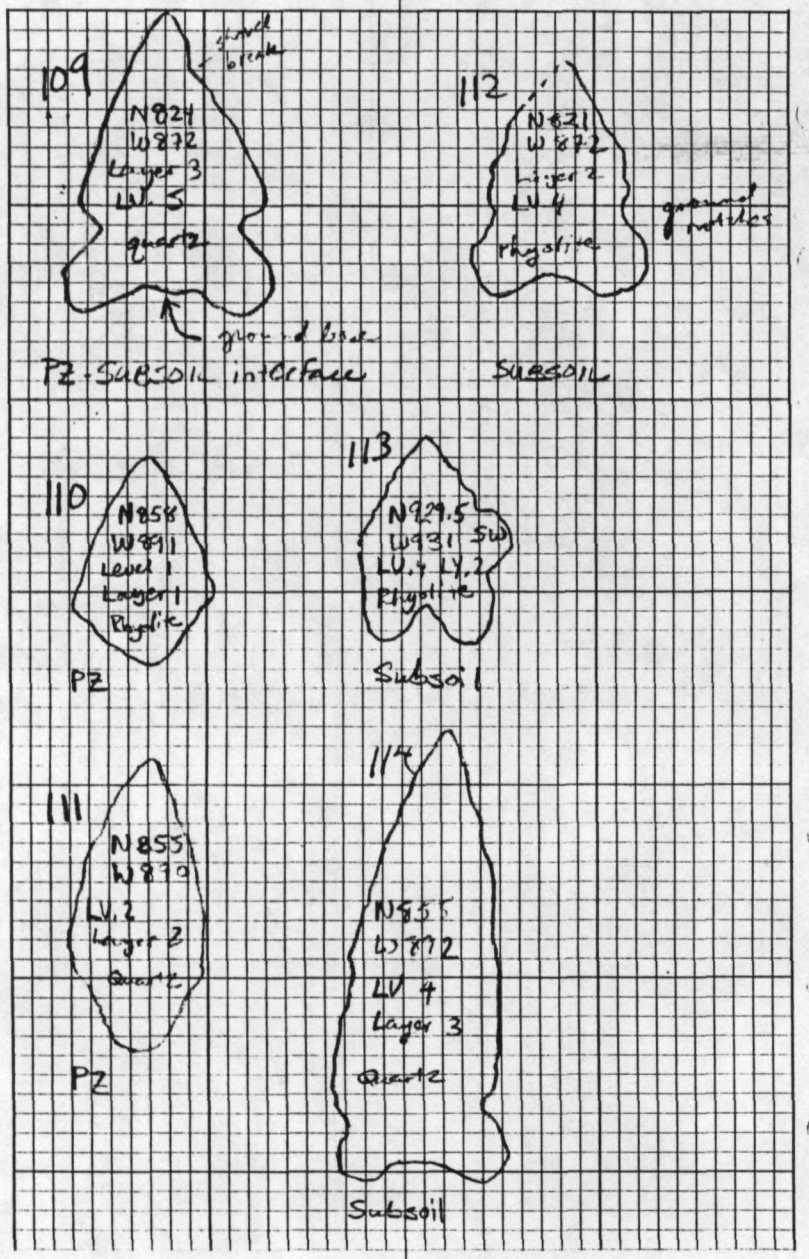
ECW off this week
Crew: CAE, RSL, ALC, DCB, DRB, JVG, TPC, WBD, DLG, GXG, LJR, CJC
Weather: hot ~ high 90's, moderate humidity.

Started excavations in all 3 blocks this morning. RSL set up transit station in the road using iron pipes. Instrument height is 1.565 which theoretically should remain the same throughout the project for following ECW's method of adding 100 to IH to avoid negative #'s. Gary arrived this morning okay, but still hasn't signed contract.

Put ALC with Geist + Gerner to lay out a 1 x 4 unit just west of the fire road. This will be the nucleus of Block 1. Subsequently put WBD + DLG together in N855 W891 and TPC + JVG together in N857 W891.

Block 3 is centered on Phase II Unit 3. DRB set out 2 1x4 units N + S of it; DRB + DCB are working in N824 W872. Dan had trouble coordinating the two grids + units are offset to the N about 10 cm or so

Block 2 is centered on Phase II Unit 2. LJR + CJC are working together on N928.5 W. GXG + RSL are



together. They found a pestle in P2 this morning in the N wall which RSL pulled out. Although he put it back, the hole was too big + soil too dry to make it stay, so I had him collect it. Finding some large flakes.

All units but DRB's + DCB are down into the subsoil at the end of the day. They found a quartz, Otter Creek point in the screen at the end of the day.

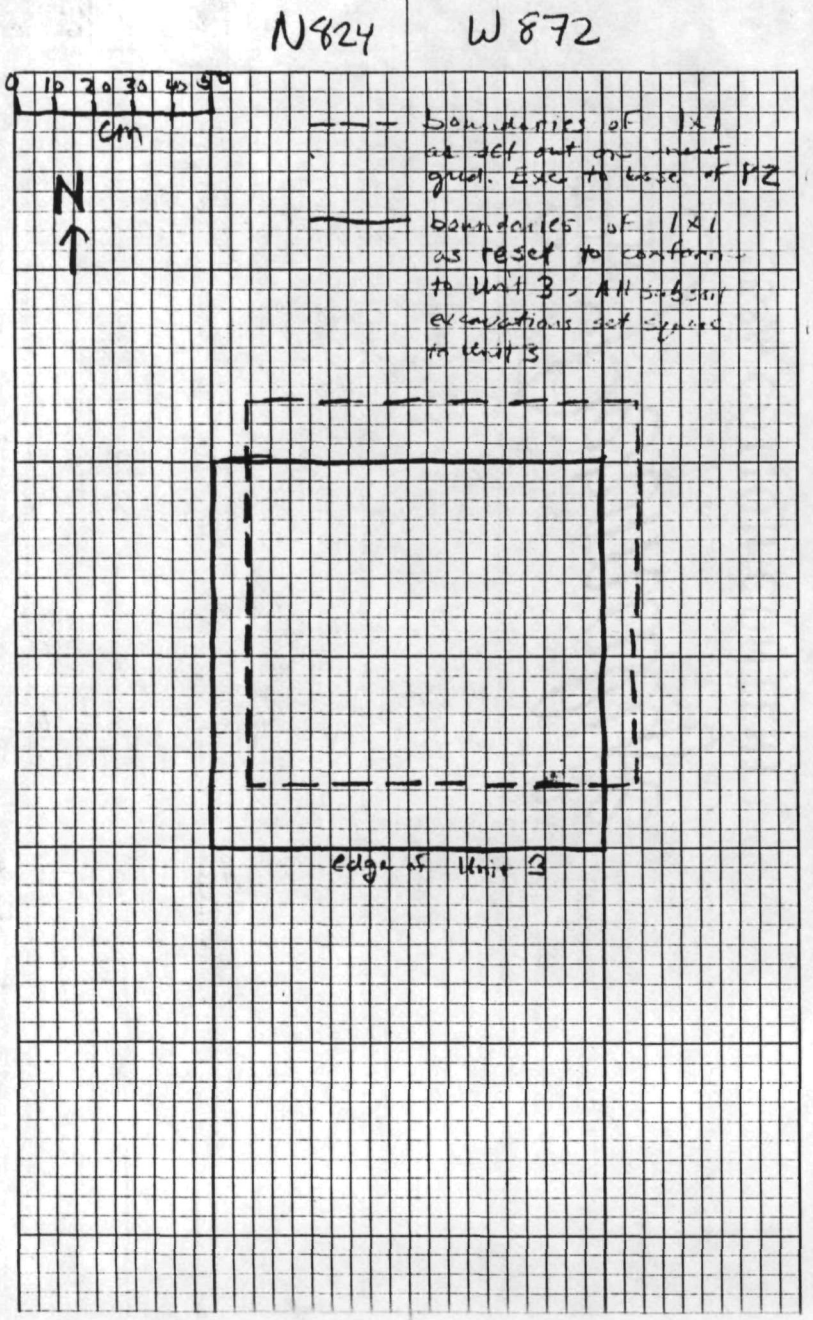
Iron called last night to say people were complaining about having to carry their lunches & insisted that I give people the option of eating off the site. I objected citing past problems in getting to a place to eat & back in an hour, but he wouldn't believe

7-19-88

Weather: slightly cooler. High of 90-92° predicted, but higher humidity.

Crew: CAE, RSL, ALC, DRB, DCB, WBD, DLG, JVG, TPC, LJR, CJC, GXG

Transit height the same 1.565 this morning. Restruing DRC + DCB's unit this morning so that it was square with unit 3 in Block 3. Also reset ALC's north unit N821 W872 to the south. DRC + DCB reached the top of subsoil yesterday but did not



penetrate it. This means that the units N + E of N824 W872 will be "short" in these layers, but this shouldn't be a problem since only disturbed PZ is affected.

Discovered that ECW didn't mark exact sightlines on the tops of the stakes she put at 15cm intervals in the project area. Since the transit had to be moved numerous times, and accurate sight-backs could not be made, this probably accounts for the grid being off as much as 15 cm in this area.

CJC + LJR uncovered rocks in their unit — large slabs of limonite of which only the top surfaces are exposed at the base of 1st level in the subsoil. Moved LJR to adjacent unit to the E.

WBD has an FCR scatter in the subsoil in N855 W891. TPC has a smaller on N857 W891. Neither is discrete enough to consider a feature. WBD started to remove the intervening block this afternoon.

Had DLG + JVG start the "end" unit, N858 W891. Will open all 4 units to the west of the initial group of 4.

Features

8 (GXG)	BLOCK 2	N927.5	W928	FCR cluster
9 (JR)	BLOCK 2	N928.5	W927	FCR cluster
10 (WD)	BLOCK 1	N856	W890	FCR cluster
11 (JVG)	BLOCK 1	N857	W890	FCR w. Limonite, Rhyolite Chunks
12 (VAR)	BLOCK 3	N824	W870	FCR cluster
13 (JR)	BLOCK 3	N826	W870	FCR cluster w. shards
14 (ALC)	BLOCK 2	N930.5 931.5	W933	FCR cluster
15 (GXG)	BLOCK 1	N852	W888 889	FCR cluster
16 (DCB)	BLOCK 1	N860	W892	Ft. + FCR cluster
17 (RSL)	BLOCK 1	N854	W879	Ft + FCR cluster
18 (ALC)	BLOCK 1	N857	W879	Hearth ditch
19 (WD)	BLOCK 1	N855	W875	FCR cluster
20 (DCB)	BLOCK 2	N929	W949	FCR cluster
21 (VAR)	BLOCK 3	N826	W869-8	prob. tree
22 (TTC)	BLOCK 1	N847	W868	prob. tree
23 (VAR)	BLOCK 2	N930.5	W934	FCR cluster
24 (VAR)	BLOCK 2	N929.5	W934	FCR cluster

RSL + GXG are well into the subsoil. They are getting flakes but no FCR or additional tools. Started RSL on adjacent square to the west N W which abuts old Unit 2. After moving RSL over, discovered that GXG was not bagging artifacts by quadrant even though he was digging by quadrant. We were able to reconstruct what went with what quadrant, although GXG claims to have found nothing in the western 2 quadrants.

Ned Ward came out at lunch time. I left him to screen for DRB who opened N825 W872 which he just started. This unit has a large stump in it. Told DRB he could do this unit to the east at the same time if it would make stump removal easier.

DCB found 2 apparent shards this afternoon in the subsoil of N824 W872. Both are hard red paste w. no evidence of cord-marking, poss. bonebland tempering + rather thick.

ALC found a rhyolite SN point associated w. a piece of FCR in the center of 1 sq. point. No other features or artifacts in the vicinity. Took photo.

Features (cont'd)

25 JVG	BLOCK	1	N867 W892		circular Limonite cluster
25a (CJC)			N867 W893		
26 JVG	BLOCK	1	N868 W892		Limonite cluster
27 JVG	BLOCK	1	N868 W892		FCR + limonite
28 CJC	BLOCK	1	N867 W893		FCR cluster + point
29 GXG	BLOCK	1	N867 W890-1		FCR + limonite cluster w. pt.
30 (WJR)	BLOCK	1	N868 W894		FCR cluster
31 (VAR)	BLOCK	1	N869 W891	LV. 7-4	Conc. of large Limonite (may be natural)
32 (VAR)	BLOCK	1	N868 W891	LV. 5	FCR cluster near Flaked Pt.

7-20-88

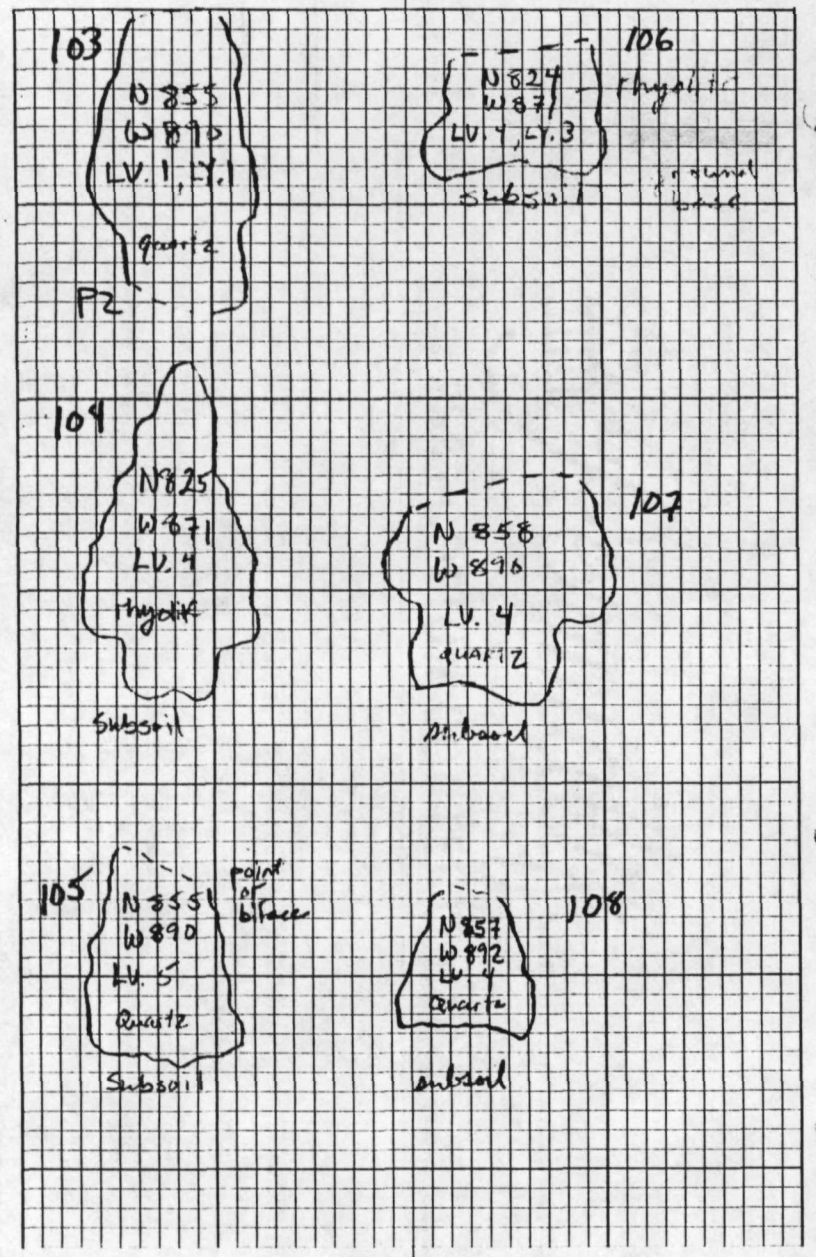
Weather: hot - high ~92°, high humidity, overcast.

Crew: CAE, ALC, RSL, VAR, TPC, DRB, DLG, JVG, WBD, DCB, CJC, WJR, GXG, NCL, Ward (not full)

WBD is continuing in N856 W871. He is removing the entire spoil pile down to top of PZ in a single level. ~~Had~~ TPC + DLG lay out 4 more 1x1's just to the W of the original 1x4. TPC will start at S end in N855 W872. DLG will start in N end in N858 W872. JVG starting to get rocks in subsoil in N858 W871.

VAR's 1st day in field. I put her in Block 3 to help screen; then had her help me lay in more squares N of ALC's & started her in N820 W872.

ALC uncovered more FCR in N821 W872 in LV. 5 but no feature. Photographed, + pulled FCR. DRB started squares to E but had trouble getting transit readings due to trees. Called in WBD to do his chainsaw thing. He felled a large tree which landed the wrong way in among the units. Decided to clear the area while he took out the rest. Ran out of gas + chain saw lubricant & sent him to get more.



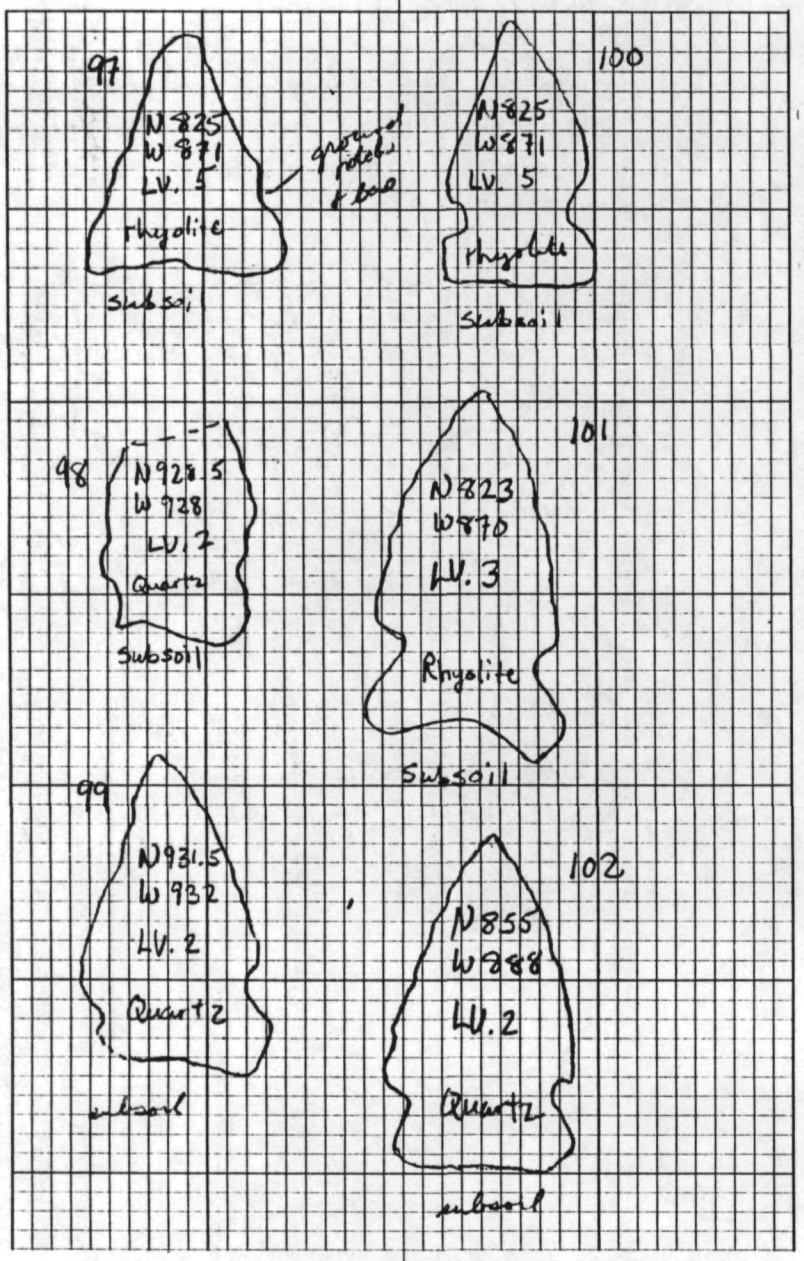
Sent ALC + Ned up to Block 2 to start a new unit N929.5 W931 until these are cleared in Block 3. Will leave Ned up there to finish that on his own.

RSL has numerous flakes in the subsoil in N930.5 W928 but virtually no rock. GXG has a little FCR in adjacent N929.5 W928 + fewer flakes but I suspect he is being less careful in screening.

CJC + LTR moving very slowly. CJC has numerous large slabs of hematite in the floor of N928.5 W930. LTR has some FCR in adjacent N928.5 W929 + may expose a feature in the next level.

DLG + JVG also moving very slowly. DLG is just starting into the subsoil in N858 W892. JVG has dispersed FCR in LV. 5 in W858 W891

VAR started labeling level / layers wrong, by starting with level 1 each time she hit a new layer. Several bags were returned to the lab before this error could be corrected.



7-21-88

Weather: hot + muggy. Overcast, high in low to mid 90's

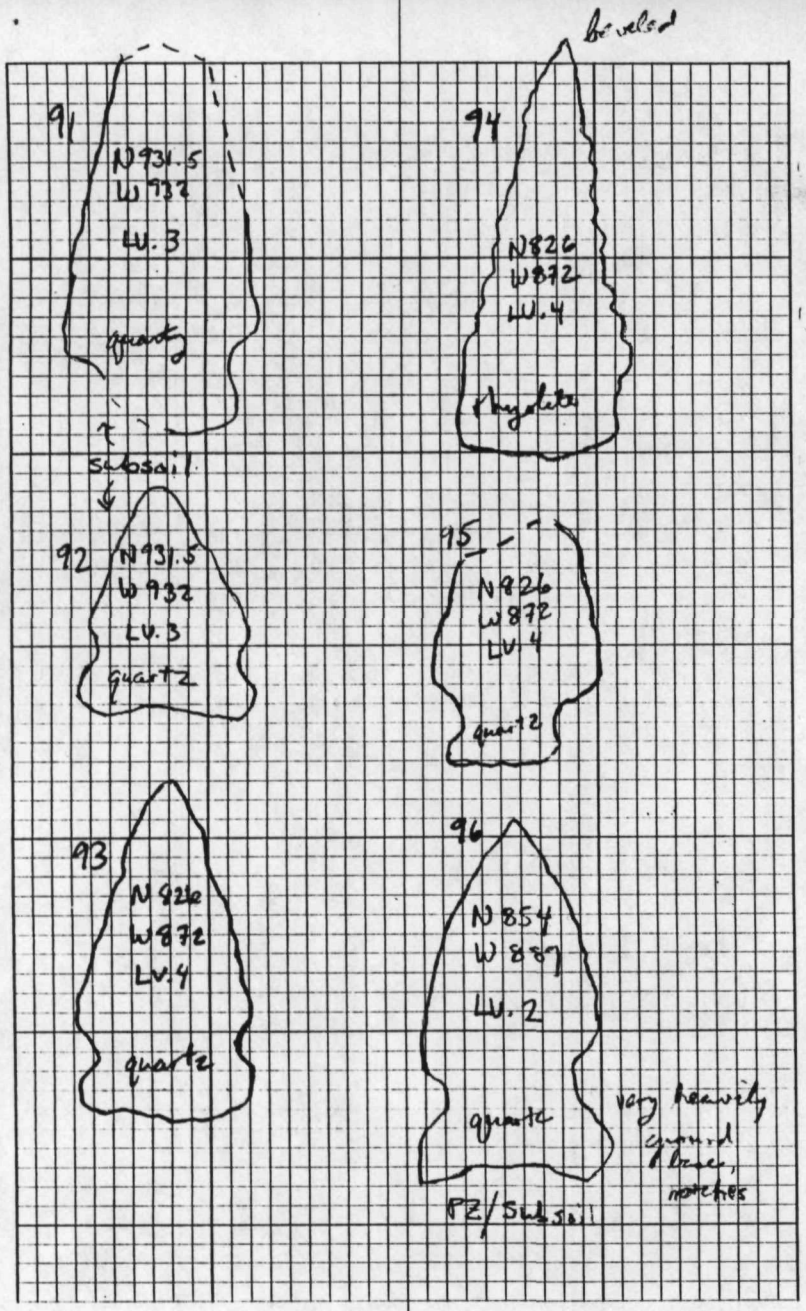
Crew: CAE, VAR, ALC, DRB, DCB, WBD, TPC
DLG, JVG, RSL, GXG, LTR, CJC, NTW

Had WBD cut down a few more large trees this morning, but will leave DRB + DCB to saw them up + haul them away. After brief delay, VAR + ALC went back to their units on the S side of old unit 3. ALC is pretty much out of the cultural material layers, but this unit N821 W872 will be taken down deeper to verify WGS + KAH's stratigraphy from Phase II. ALC had a biface in the wall. VAR had 2 pieces of FCR in N820 W872 but very little else.

WBC cleaned out his unit in Block 1 for photographs + then picked mapped + picked up the FCR/FLAKE scatter. Started him on the two units immediately to the east. Also photographed FCR in JVG's unit + started her on the next unit east, N858 W890

DLG still high up in the subsoil, but some FCR is starting to show up in N858 W.892

GXG exposed a little lump of FCR which will be Fea 8, in N W
Fea only contained 5 rocks, [illegible]



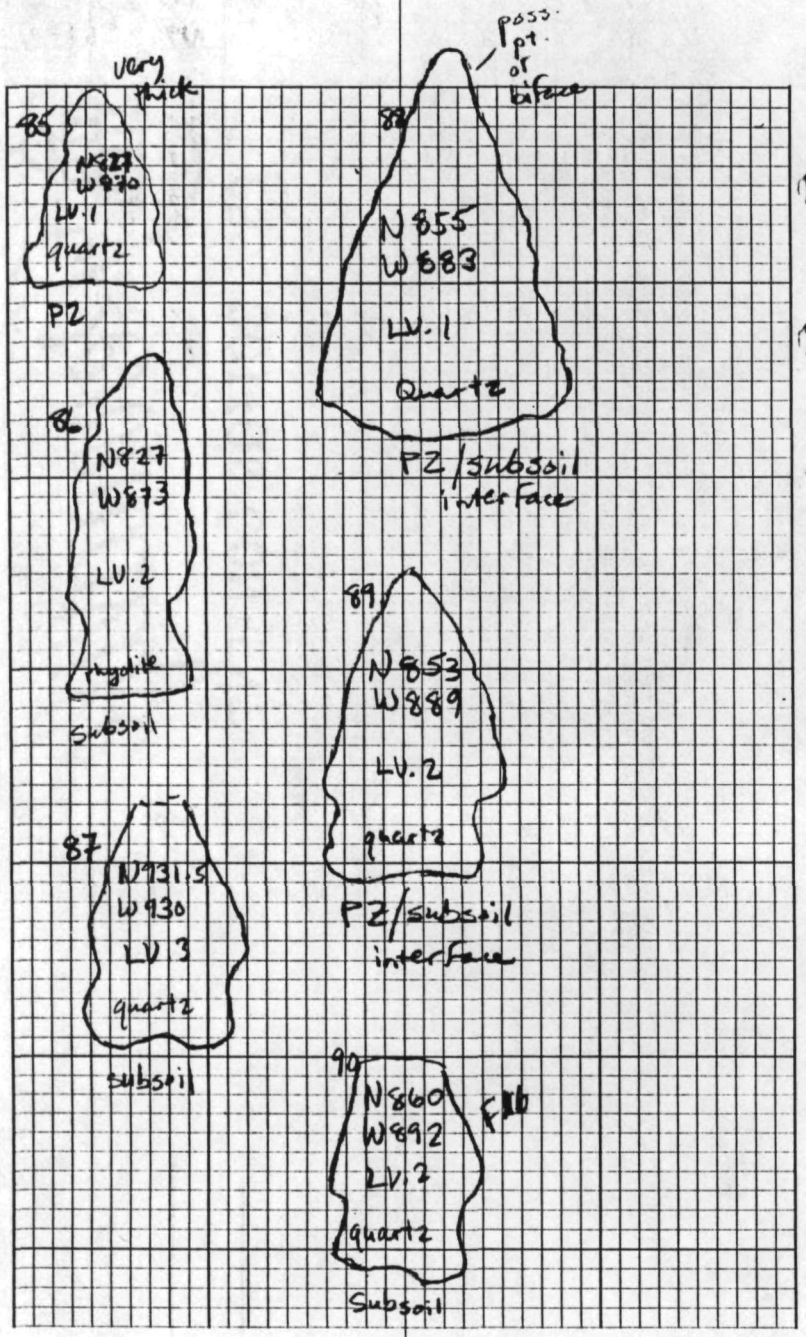
appears to be just FCR. He also has the tops of a bunch of limonite slabs just starting appear.

NTW found a rhyolite biface at the 1st level of the subsoil in N929.5 W931. There are also a few scattered pieces of FCR but no clear feas. yet. CJC finally exposed the limonite in the end level of the subsoil + we photographed it prior to mapping (N928.5 W930)

LJR exposed a FCR cluster in N W which will be Fea. 9. This is very similar to Feas. 2, 3, + 4 from Phase II. RSL is not finding rocks but is still getting large #'s of flakes.

This afternoon, DRB + DCB started excavating again in N827 W871 w.l.l. they are digging as a pair, more or less. DCB found another sherd in the PZ — same as previous sherds, but w. a sort of scalloped rim.

Had Scott cover Block 2 tonight, but left Block 1 open in case of rain to get it wet down & make the walls more stable.



9-22-88

Weather: overcast & drizzling in AM. High in upper 80's - low 90's predicted

Crew: CAE, VAR, ALC, DRB, DCB, WBD, TPC, DLG, JVG, RSL, GXG, LJR, CJC, NTW

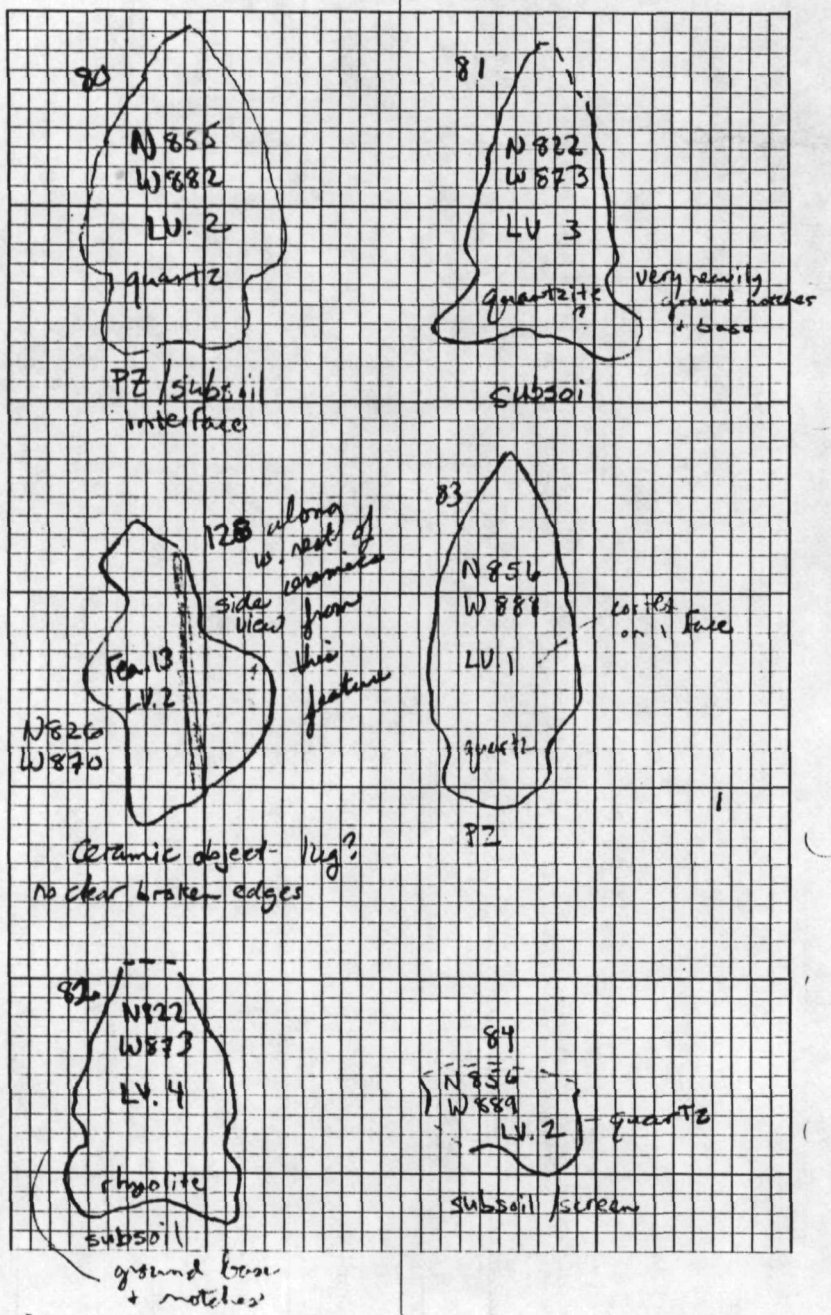
Moderate rain last night which soaked down Block 1 & should make it easier to excavate, although messier to screen.

Neil went too deep in the W ½ of the 1st level in the subsoil and is correcting the discrepancy in the 2nd level. He is still getting flakes but no more rocks.

CJC continues to remove soil around big limonite slabs in N 928.5 W930. Moving slowly. LJR still cleaning off areas around Fea. 9. Only removed ½ of 1 level all day today.

GXG and RSL are working in adjacent squares at the same depths. Both are uncovering limonite - what appears to be the eastern boundary of the rocks settles in Block 2. RSL still getting flakes, but GXG getting very little in N 930.5 W 928.

WBD continues to remove spoil pile + PZ from N856 + 856 W890. Found 2 points, but both in disturbed context. He has a large slump to deal with N855 W890.



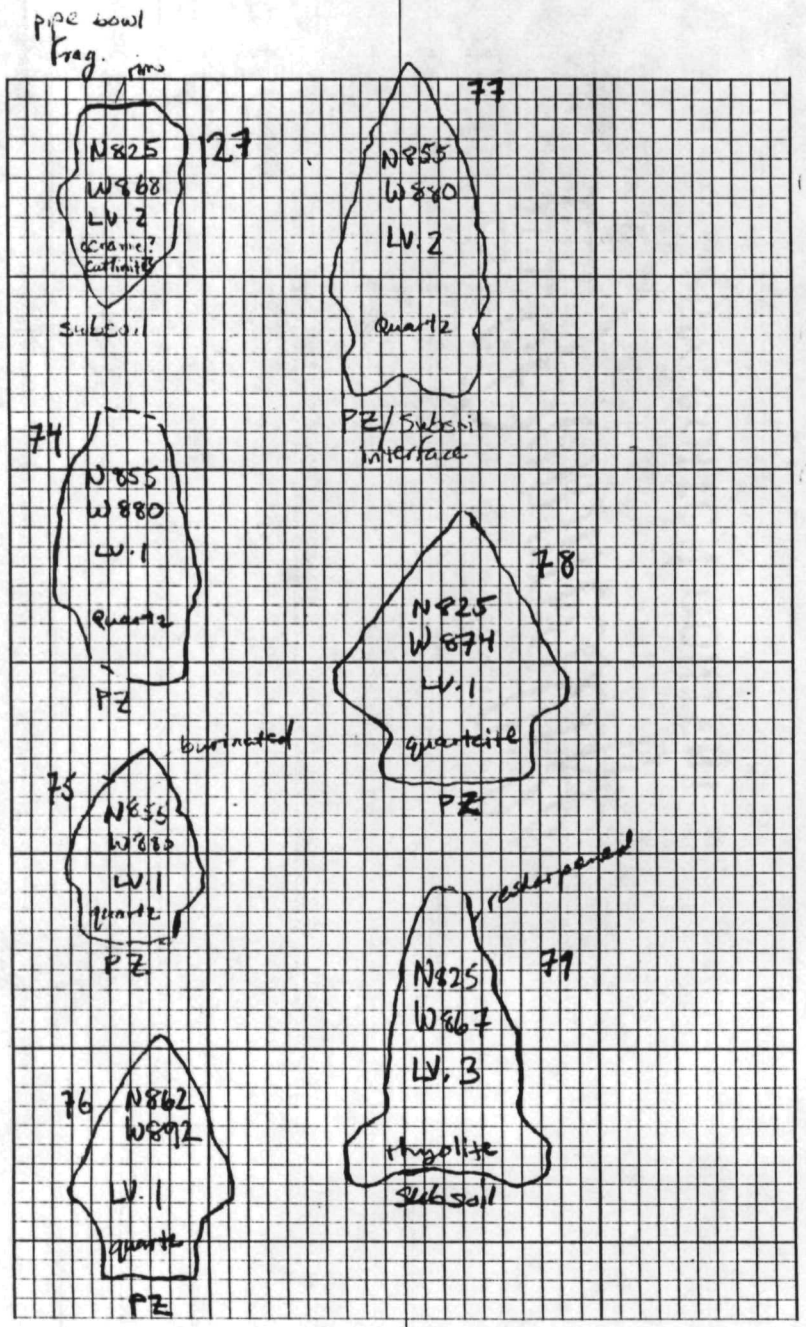
TPC found a large quartz narrow bladed side-notched point in place in the subsoil in N855W892, but no associated rocks or other tools. He cleaned this off + we photographed it.

DLG + JVG both are finding FCR in N858 W892 and N858W890. Both going slowly.

DCB in Block 3 in finding rhyolite pt. fragments in N824 W871 but so far they don't fit together — only 1 base of large SN pt. DRB subsequently found a large rhyolite serrated pt. with very small indented base in N823W872. DRB still dealing w. large stumps.

ALC finished N821 W872 and I started her in N819 W872 this afternoon. VAR still in N823W872 but not getting much. Should get 1 more level out of this one.

Heavy rain over weekend 7-23+24 which caused many walls adjacent to backfilled Phase II units to collapse.



7-25-86

Weather: clear and warm. High in the upper 80's w. high humidity

Crew: CAE, ECW, ALC, VAR, DRB, DCB, WBD, TPC, DLG, JVG, RSL, GXG, CJC, LJR

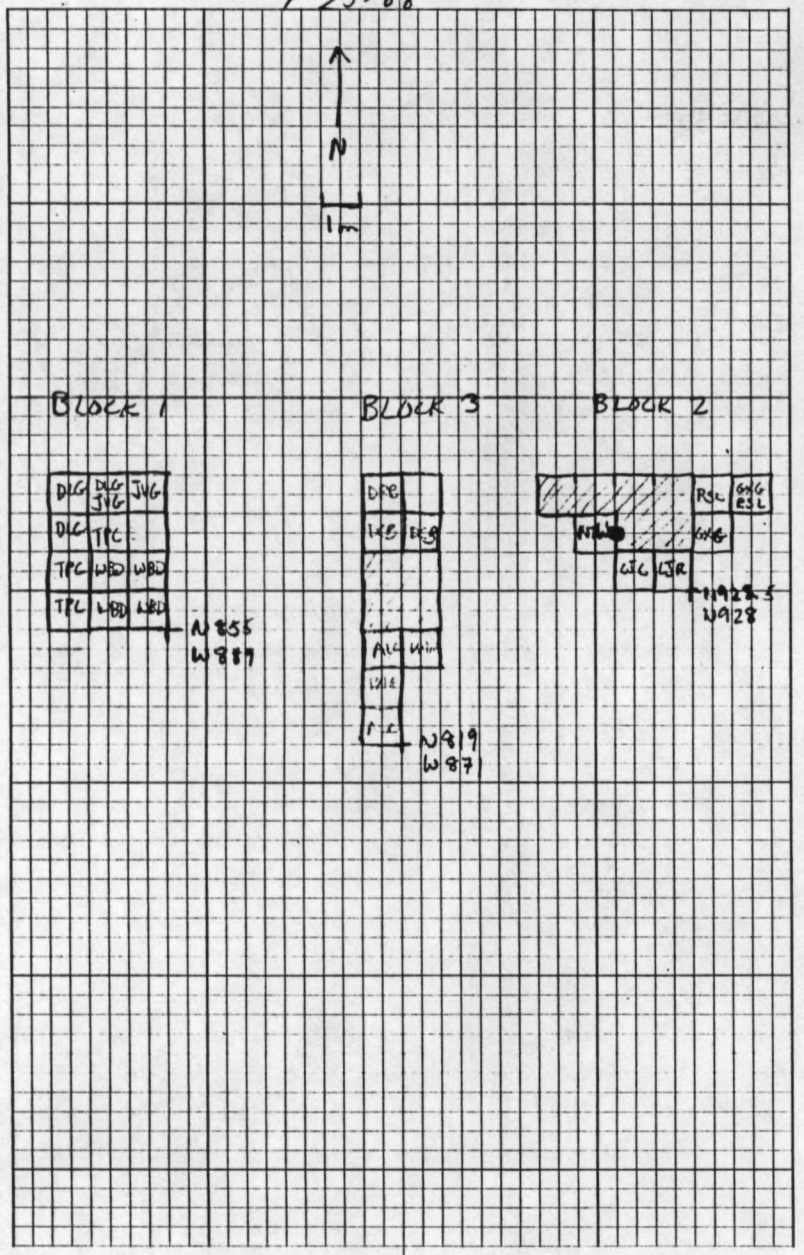
Esther's 1st day since the excavations started. I am assigning her Block 1 and part of Block 2.

Debbie Leonard came out this morning & I showed her around to get her opinions on the potential for pollen preservation & how to take samples. She suggested keeping the pedestals around tools, stratigraphic samples, and from inside & outside the limonite in Block 2. Told us to use steels i.e. washed spoons or trowels & to collect about a quart.

VAR found a scattering of limonite in LV. 7 below the artifact bearing levels in N820 W872. There was no similar limonite in the unit to the N. Will leave this in place & left ALC get down to this depth in N819 W872 before pulling the rocks. VAR will start N821 W871 today.

WBD cleared another large tree in Block 3 and managed to knock another one down in the process. DRB & DCB continuing in their 2×2 after photography.

7-25-88



JVG found a quartz ups stone pt. in N 858 W 890 this morning along w. the FCR scatter. ECW photographed this unit + DLG's.

TPC is continuing excavating on bowl in N 856 W 892.

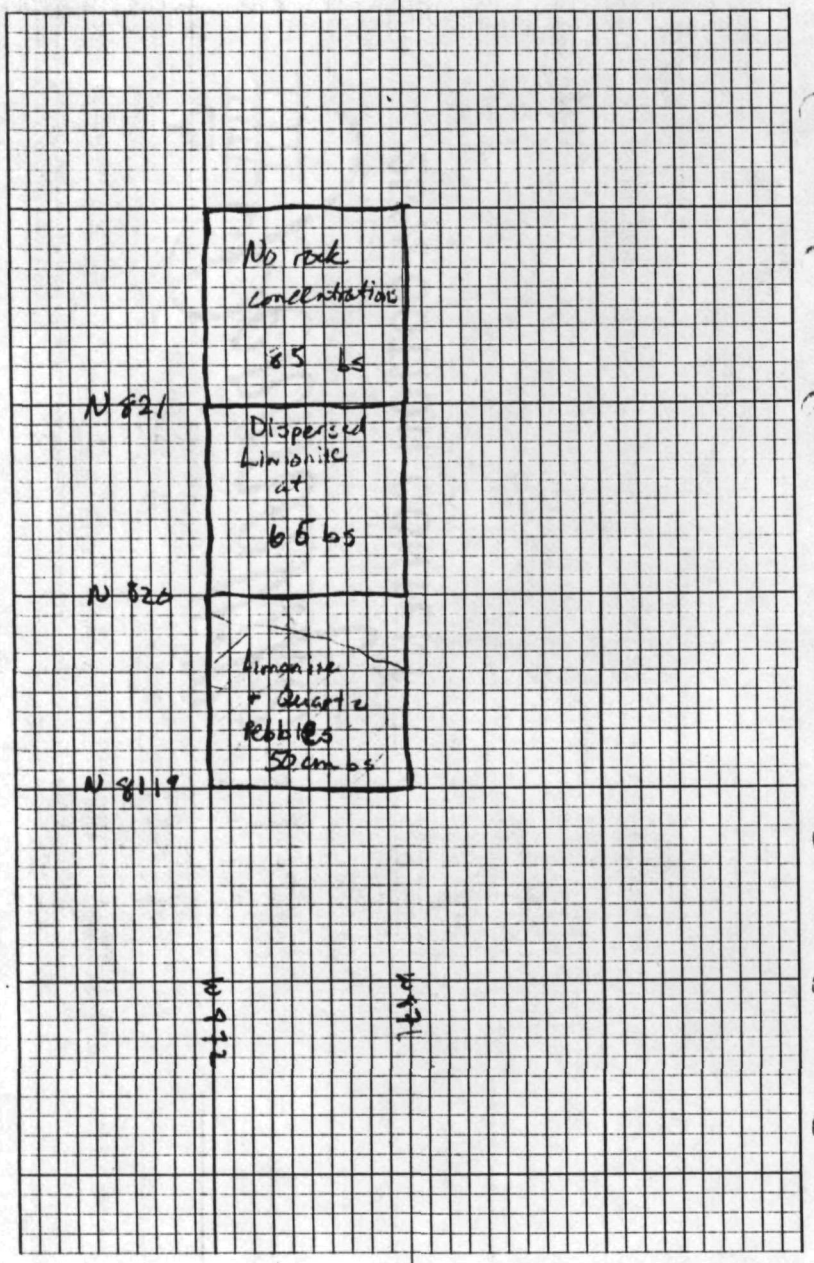
I left field early today for Dr. appt.

7-26-88

Weather: overcast, warm, high in upper 80's

Crew: CAE, ECW, VAR, ALC, DRB, DCB, WBD, TPC, DLG, JVG, RSL, GXG, WTR, CJC.

In BLOCK 3, ALC has encountered a layer of mixed quartz pebbles + small/med. limonite frags in LV. 6 of N 819 W 872. Although pebbles were present in adjacent N 820 W 872, the compact layer was absent, + limonite fragments of appreciable size were present only in LV. 7. Upon full exposure, this gravel appears to represent a gully location. Since this rock concentration appears natural it was not given a feature number. In



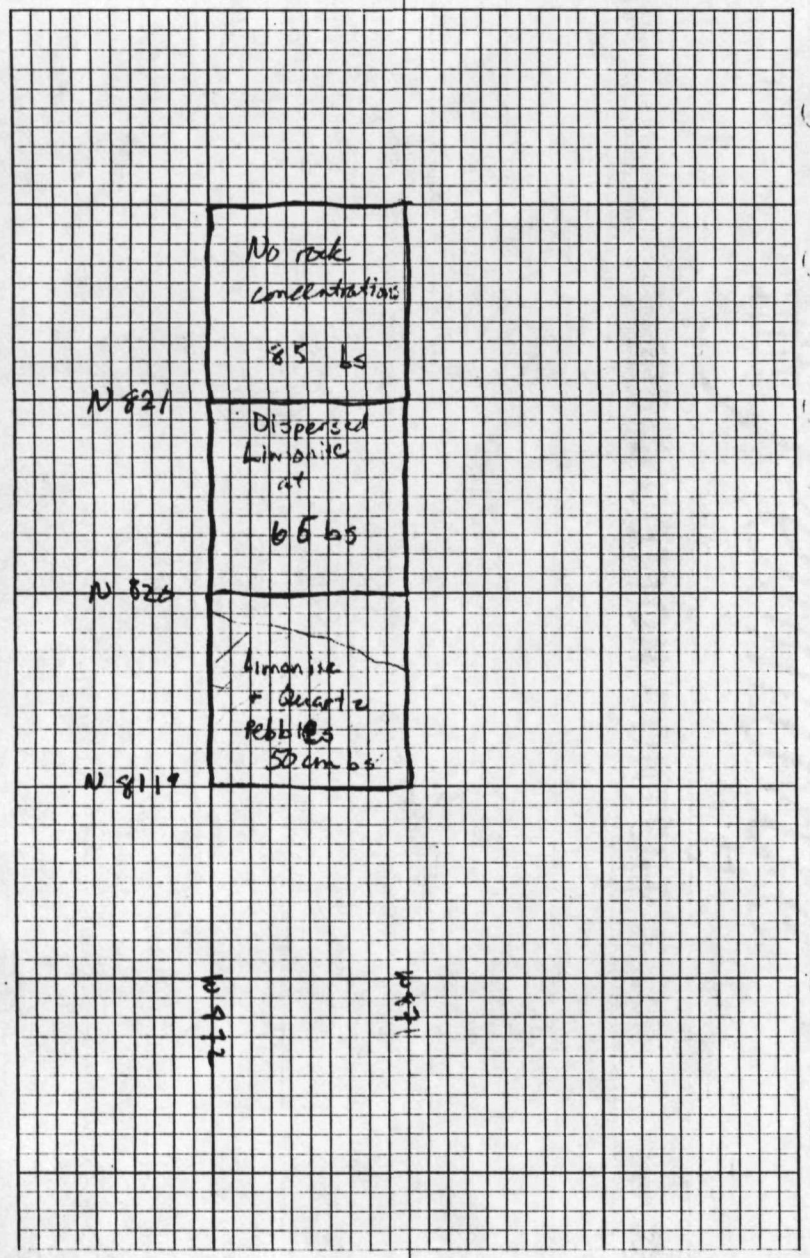
mapping within LV. 6, only a general range of elevations were taken for the rocks instead of getting specific elevations for each item. Quartz cobbles/pebbles were saved as a lithic sample; limonite discarded.

Esther is watching over Block 1 + part of Block 2. We decided to run 2 1x4 m trenches E + W of the south units in the blocks. The E-trench will probably hit the road. DLG found a quartz triangular point just into the subsoil in N857 W892.

Not much new in Block 2. CJC + LJR still cleaning around limonite. RSL is going deeper in N930.5 W928. GXG started N929.5 W928.

DCB found another rim sherd of the same type as previous sherds in N824 W871 along w. a small dispersed FCR scatter. Photographed it.

WBD found a scatter of FCR in N856 W890 which will be Fea. 10. He pulled a lot of FCR in adjacent areas before realizing it. Also contains 3 large pieces of rhyolite.



7-27-88

Weather: partly cloudy, high in upper 80's
high humidity

Crew: CAE, VAR, ALC, DRB, DCB, ELW, WBD, TPC, DLG, JVG, LJR, CJC, RSL, GXG, Ned Ward, Alice Dorshow, Al Norton

Block 2. CJC + LJR units had water in them, so postponed photographs of LV. 5 until the afternoon. CJC completed mapping and started on N928.5 W 930.

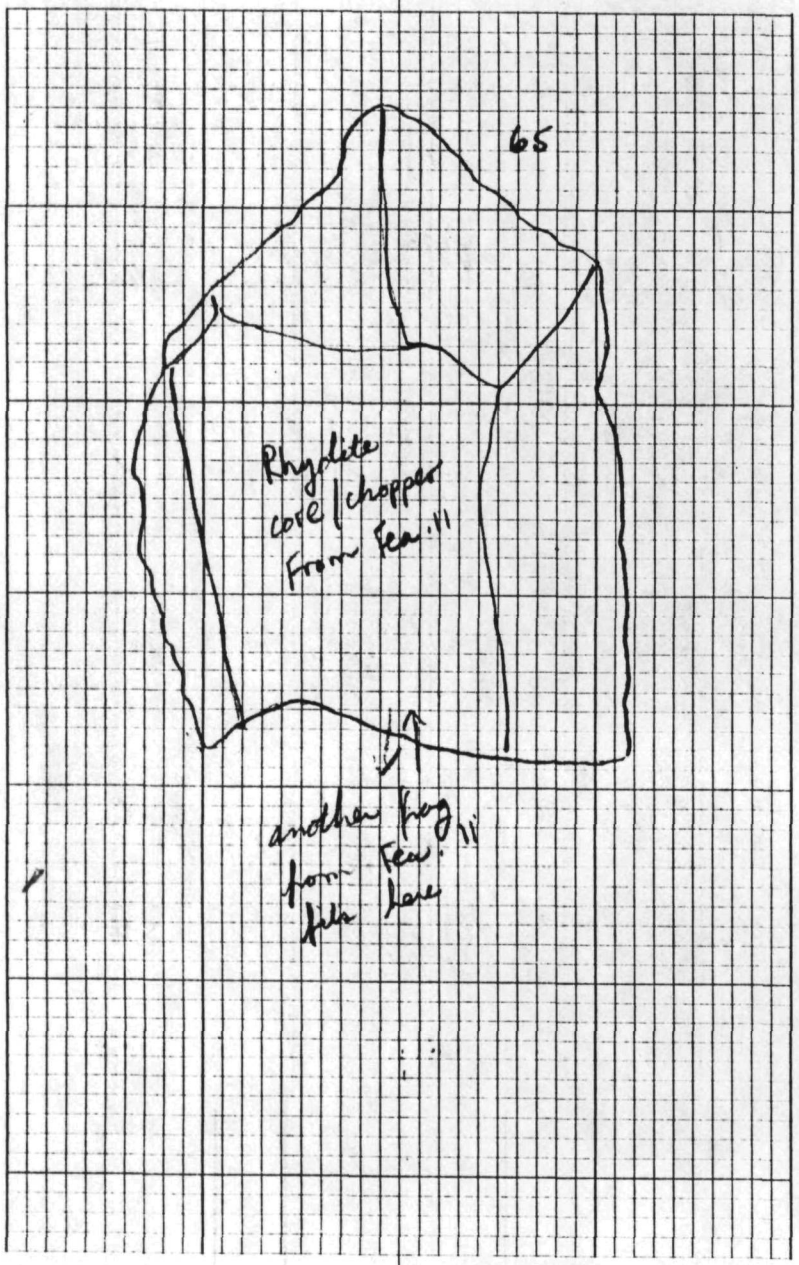
LJR finished mapping + I sent her to work in Block 1 in hopes of getting more work + less talk out of her.

Ned came out in mid-morning + continued into the next level in N 929.5 W 931. He is starting to encounter large pieces of limonite

RSL is continuing to excavate more deeply in N930.5 W 928 He is out of the cultural material, but this will be the deep unit in the block

GXG found a SN quartz pt in the 2nd level in the subsoil. It was vaguely associated w. 1 other piece of FCR.

In the PM started ALC in N 931.5 W 932 which is N of old Phase II unit 2.



Block 1. Both TPC & WBD continued deeper in their units in the W892 & W890 lines respectively. Neither found much CM in the levels below the FCR concentration. WCB's mother & friend helped screen for this block.

WBD & I laid out 4 more 1x1's on the N855 line going E from N855 W890 & he started on the 1st one of these N855 W889 this afternoon.

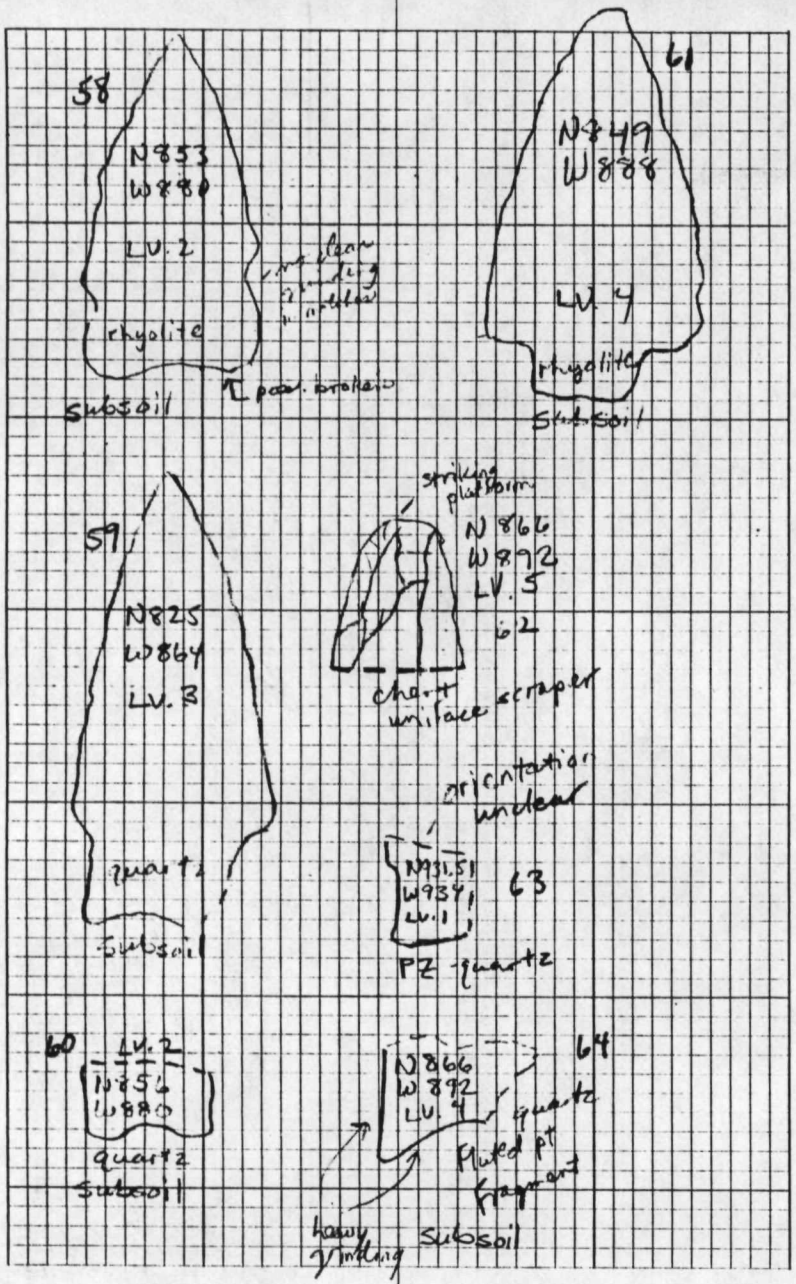
JVG discovered an FCR, Limonite, Rhyolite cluster (Feat. 11) in N857 W890. Contains large chunks of rhyolite, one of which is pointed in hand-axe style (next page) Photographed this & DLG's small FCR scatter in N857 W892

TPC drawing profiles of W walls before heading Westward on N855 line

BLOCK 3.

DCB found a biface frag. in the 2nd level of the subsoil with no apparent cause for it's being there. Also a slight scatter of FCR in N W

DRB found a rhyolite pt w FCR in LV.5 N825 W871. It appears to be triangular but close examination shows it to be a reworked SDV pt.



The floor of this level contained a Rhyolite "Otter Creek" pt.

VAR getting very little in N821 W871 + will terminate this unit soon

I continued excavating in the area started by Ira, N824 W870. Soil is very mucky, esp. in old STP location.

Moved LJR to Block 1. She started N823 W870.

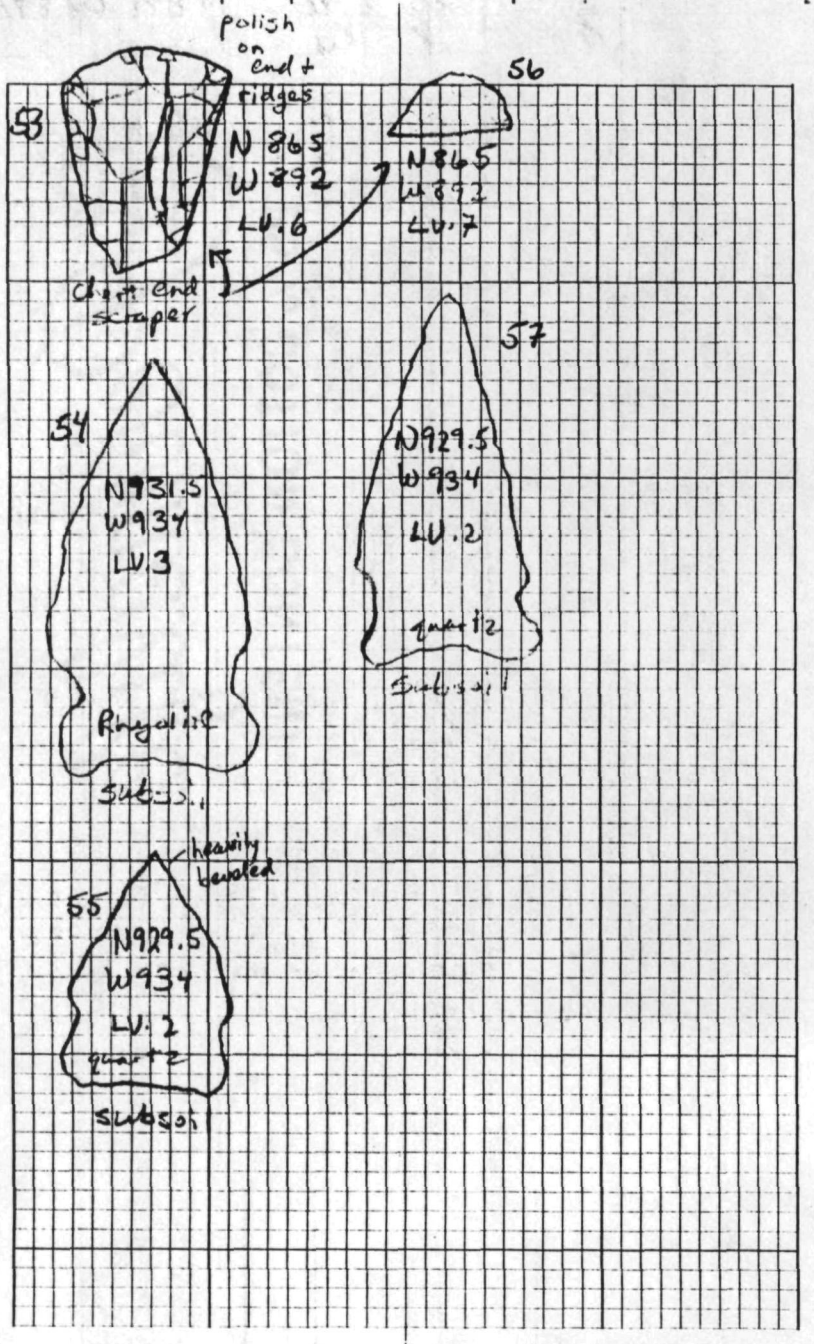
7-28-88

Weather: warm, overcast, high humidity. high in upper 80s

Crew: CAL, VAR, DRB, DCB, LJR, ECW, WBD, TPC, DLG, JVG, RSL, ALC, CJC, GXG

DCR + DRB finished LV. 6 in the 2×2 north of Phase II Unit 3. Many very small flakes, but no FCR.

VAR started in N825 W870. She will also finish N824 W870. LJR continues in W823 W870 + will start N822 W870. LJR has FCR + a pt. in N823 which may be the beginnings of a feature. LJR talking less + working more



WBD moving eastward in N855 W889 + N855 W888. He is getting a lot of debitage + also 1 SN point in the subsoil upper levels.

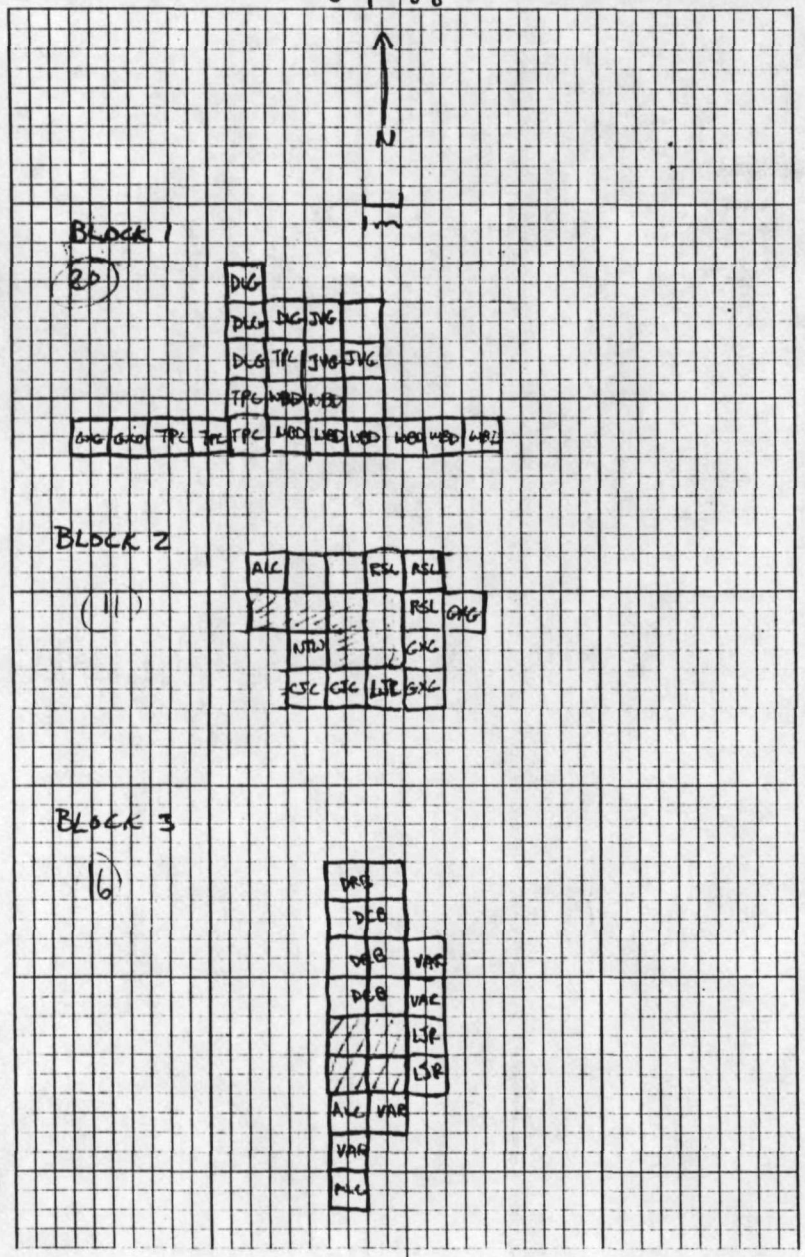
TPC is moving westward on the N855 line starting in W893 + W894. GXG started in W895 + W896. Both are still removing plowzone.

DLG is still moving very slowly in N857 W892. Removed 1½ levels by the end of the day.

JVG mapped + recorded Fea. 11 + then jumped E to begin N857 W889 which should reveal the rest of this Fea. Also strung units to the N + S. Removed PZ in afternoon from new unit ECW + I screened for people in Block 1 nearly all day today + had trouble keeping up — everyone was removing PZ.

Back in Block 2, RSL removed PZ from N931.5 W928. He should expose more of the chipping cluster in this area. ALC continued in N931.5 W932. Found a quartz pt. angled in the top level of subsoil + the beginnings of an FCR scatter.

8-1-88



CJC finished mapping rock in N928.5 W931 that were under the large limonite slabs. She then moved the adjacent west square & removed P2. This was slow going due to 3 very contorted stumps.

7-29-88

Dr. appt. today for bone scan. Had to take the whole day off. ECW in charge

8-1-88

Weather: hot, hazy, 85% humidity, highs in mid-90's

Crew: CAE, ECW, VAR, LJR, DRB, DCB, WBD, TPC, GXG, DLG, JVG, RSL, ALC, CJC

— ECW left at 12 to get her gas & electric turned on

VAR has a small FCR scatter in N824 W870 which I assigned Feat. 12. It has two discrete areas, A & B & may have extended into ajacent squares - will have to check maps to reconstruct.

LJR continues in N823-2 W870 & is

having trouble with the adjacent unit 2 walls collapsing. She is getting less CM in 822 than in 823

DCR + DCB removed PZ in 2x2 N of the u. last set of 4 units. One of the ditches runs through this unit but does not appear to have cut into the subsoil

WBD is finishing up in N855 W889-888 - still getting flakes 4 level into the subsoil. He will start N855 W887-886, this afternoon.

JVG fully exposed Fea 11 which is half in N857 W890 + half in N857 W889. She will pedestal the whole fea. for removal of the next level. 1 grandy biface in association.

ALC has 2 points w. FCR scatter in N931.5 W932 (exposed Fri, photographed today). Very large #'s of associated FCRs 100-200.

8-2-88

Weather: hot, hazy, + humid. Mid 90's, humidity ~90%!

Crew: I came out at 12 after spending the morning in the office to do misc. stuff + COMA mailing. DRD had dentist appt. + came out at 1 PM.
ECW, DCB, VAR, LJR, DLG, JVG, WBD, TPC, GXG, RSL, ALC, CJC, Ned Ward

DCB had 3 proj. pts. in a single level in N826 W872 - one serrated, stemmed rhyolite + 2 SN quartz. Former looks Early Archaic. VAR + LJR continue in N828-825 W870. They are really out of the CM now. VAR continues to get more than LJR.

JVG exposed more of Fea. 11 which is still "contained" in the LB below. This looks more hearth-like than the other FCR scatters.

WBD has a scatter of FCR in N855 W887-6. Photographed both squares at once, but didn't assign a feature #.

TPC + GXG are both pretty much below cultural levels in N855 W893-6. GXG still getting considerably less than TPC.

9-3-88

Weather: hot, hazy, humid (97%). High in low 90's.

Crew: full crew + Ned.

ECW + S laid out 10 more units in Block 1 S + E of existing open units. TPC removed lower level of squares originally excavated down the W891 line, + drew profiles of portions of the W855 wall. GXG drew other part. + ECW completed sequence.

DLC uncovered a metate in N859 W892, LV. 5 pretty much below the levels where most of the flakes were coming out.

JVG continued working on Fea. 11 which is pedestalled in LV. 3. Most appears to be totally contained in LV. 3 although JVG thinks it may extend partly into LV. 4

CJC finished N928.5 W931 except for mapping which will take a good bit longer due to the large number of limonite frags.

ALC finished N931.5 W932 which extends down into a red "gravelly" hematite layer. She is now working on N931.5-930.5 W933.

RSL moving slow today. He will also open up N931.5 W929-930 to see if any of his FCR is part of a feature, extending into adjacent squares.

VAR + LJR are working in tandem shoveling out the lower levels in N822-825 W870. VAR will move E to N824-825 W870 LJR will move N to N826-827 W870.

DCB + DRB finished N826 W871-872 + began N827 W871-872. DCB found 2 large thick shards with very small "steatite" temper, about 1/3" thick, 1 side flat + smoothed, the other is irregular. Looks Early Woodland but not particularly like Marcy Creek.

RSL left early to go to MGS to sign contract papers.

8-4-88

Weather: hot, hazy, humid (95%).
high in low 90's

Crew: full crew + Ned

Block 2. Several major wall collapses concealed + old Unit 3. Had VAR do a series of profiles of the W869 exposed walls, part of the W872 wall in danger of destruction. LJR did the S wall of N822 W870 to show a feature disturbance which was also visible in old Unit 3.

LJR removed PZ in N826 W870.
VAR " " " N825 W869.
DRB + DCB removed much of the subsoil in N827 W871-2, but are finding little.

Block 1. WBD did profiles of the N855 wall for W886-887 + the W wall in the road for N855 W886. Removed most of PZ from N855 W885-4

TPC removed PZ from N856 W887 + N857 W887, which are both on the edge of the road.

JVG continues mapping Fea. 11, + exposing more limonite.

DLG cleaned area around the metate which was photographed. Removed 2 quadrants of next level

Block 3. CJC still mapping limonite in N928.8 W731. Slow going.

ALC uncovered FCR scatter in N930.5-931.5 W928. She may have found part of the "axe" that remained in wall in old Unit 2, but only a bit-like area is exposed. I was expecting the pole. Definition should be clearer with the removal of the next level.

RSL removed PZ from N932.5 W
Ned screened for him + ALC today.

8-5-88

Weather: hot, hazy, humid
High in mid-90's

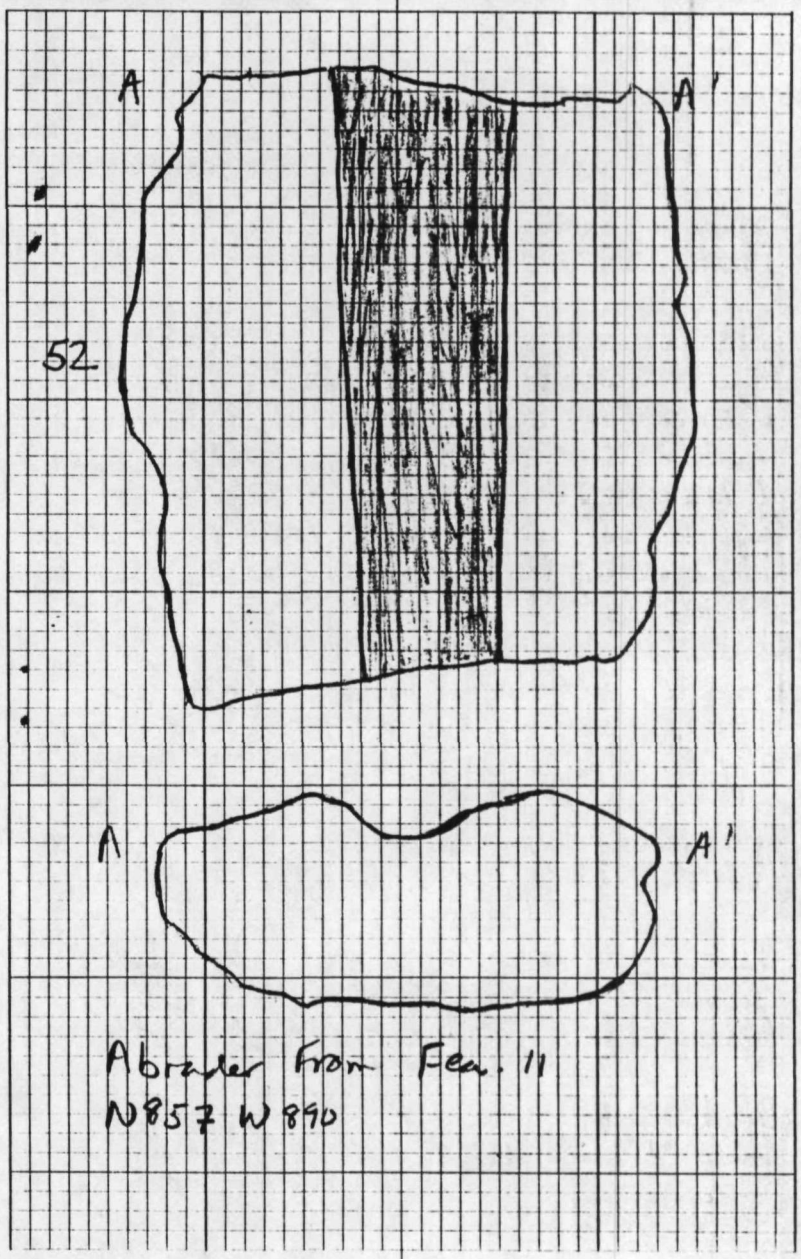
Crew: Full crew except DLG who went to a funeral today. RSL late - went to MGS to begin contract. RSL left ~11AM to go get car repaired.

Block 3. DRB + DCB finished N827 W871-2. Had them lay out an new 1x1's adjacent to + W of old Unit 3 + their already opened units. They removed PZ from 3 of these by the end of the day. Also profiled the N826-7 W872 wall.

VAR removed PZ from N 824 W869 +

UNITS OPEN 7-5-88

Block 1	28
Block 2	16
Block 3	22
	66



began removing lower levels in N824-825 W869.

LJR removed PZ from N827 W870 & began lower levels in N826-7 W870. A FCR concentration w. 2 large shards showed up in the S half of N826 W870. We refrained from exposing the rest of this - Fea. 13 - to avoid having it fully open over the weekend.

Block 1. WBD has dispersed FCR in N855 W885-4 & is getting a moderate # of Flks. in both these units.

TPC also getting dispersed FCR in N856-7 W887. Flk. density is dropping to the N.

JVG continues to map & remove limonite from Fea. 11. Has a possible ferruginous SS shaft straightener.

Block 2. RSL removed more subsoil from units N of old Unit 2. No features are materializing.

CJC continues mapping rocks. Should come close to finishing today.

ALC has lots of FCR in N9 .5 - 9 .5 W932. Many Flks - 200-400 in preceding level and 2nd level into subsoil.

Ira came out ~10 AM & I showed him around. He searched for people in Block 2. RR people also came out & briefly walked around & asked if we were on schedule. Mr. Field, a developer getting ready to build on land on the other side of Stony Run, asked various budget, level of effort, & strategy questions. He apparently also teaches school & asked if he could bring students out. Told him yes.

8-8-88

Weather: clear hot, humid. High 105
Crew: full crew

Block 1. DLG started a new unit, N860 W992 and will continue northward on this line. WBD is getting very little in the road below the 1st level in the subsoil. We are expecting the artifacts to pick up again on the other side.

JVG got the last rocks of Fea. 11 out & is removing the next level in the 3 adjacent squares. She will excavate both squares N & S of Fea. 11

TPC & GXC are both getting FCR, but not much debitage in N856-7 W887 and N854 W889-888.

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Block 2. CJC finished N928.5 W931 and I moved her down to Block 3.

ALL finished uncovering FCR + limonite in N930.5-931.5 W933. The "axe" turned out to be FCR, possibly part of a pestle, but definitely not an axe. Feature is fairly defined, but I gave it a Fea. # - 14. This includes some of the limonite, for which there is a good boundary here.

RSL is getting very little in the units S of old Unit 2.

Block 3. LJR exposed more of Fea. 13 which is largely in N 826 W870. VAR removed PZ + 1st subsoil level in adjacent N826 W869 + found very little. Fea. extends only slightly into this unit. A very large tree stump occurs here. LJR removed PZ + 1st subsoil level in N827 W869 + also is finding little. A number of rocks, however, are embedded under and around the stump.

DCB + DRB are taking down N827 W873, + N826 W873. DCB found an Orient Fishtail in the 1st subsoil level in the former.

CJC started taking down N822-823 W873 from which the DB's had already removed the PZ.

Charlie LeDicher came out ~ 2PM + I showed him around. He was surprised by the size of our rocks. Ron Thomas + Ted Payne were supposed to show, but didn't.

A bunch of surveyors for SPA were out + wandered around most of day looking lost. They searching for monuments left by previous surveyors.

8-9-88

Weather: hot, hazy, humid. High in mid 100s. Pollution is notably bad.
Crew: full crew

I went into the office for a couple of hours this morning to take care of paper things and get film processed.

Block 3. LJR finished cleaning levels in units around Fea. 13. Some FCR present but generally not too many artifacts. Photographed features + LJR started mapping.

VAR took down N824-5 W869 2 more levels + is finding fairly large quantities of flakes.

CJC is finding some FCR, but very little

else in N822-3 W873. Expected more from these units.

DCB + DRB removed most of units N826-7 W873. Most debitage seems to be occurring the NW corner of the present block.

Block 2. ALC mapped + picked up FCR. Much more limonite showed up in the floor in the next level + a fair quantity of large flakes in the NW corner. Unfortunately this means another level to be removed among the rhyolite boulders in this unit - N930.5 931.5 W933.

RSL still finding little in units N of old unit 2.

Block 1. GXG removed P2 from N852-3 W889. WBD removed P2 from N855 W883-4 which are the last 2 units in the road. JVG removed P2 from N856 W889. All 3 found points or pt. frags. WBD also drew profiles of the S wall in W885-4.

DLG began removing subsoil from N860 W892. Found a few flakes + a proj. pt. DLG sprained her ankle late in the day + was having trouble walking well. ECW + I told her to see an MD. or go to an emergency room when she got home + to call us w. the results.

8-10-88

Weather: hot, hazy, humid. High in upper 90's.

Crew: full crew except DLG. Ned Ward. ALC's nephews Ben + Jeremy came out. According to ECW, DLG called a doctor last night who told her to stay home for 3 days. However, no one examined her foot. Called Ira this morning to let him know of the situation.

Block 1. GXG exposed part of a possible feature in N852 W889. ECW + I moved the backdirt pile to the E and strung out 2 more units to allow full exposure. GXG removed part of P2 in N853 W888 in afternoon there is also proj. pt. in N853 W889.

TPC continued removing N856-857 W888 subsoil. Some scattered FCR present but little else. JVG had more concentrated FCR in N856 W889 but no feature. Contained a quartz point tip + large rhyolite chunk.

WBD wiped out most of N855 W883-882. Found a quartz stemmed pt. at the P2/subsoil interface in N855 W882.

Jeremy screened dirt in this block most of the day + did a good job.

Block 2. ALC continued removing levels around the limonite boulders in N930.5 931.5 W933.

She is finding a rather large # of flakes of the NW quadrant of N931-5 W933.

RSL is finding scattered limonite slabs in Level 3 in the units N of Phase 2 unit 2, but not much cultural material

Block 3. CJC found 2 points, both Otter Creeks, in N822 W873 in the floor of level 3. Some dispersed FCR is also present in N822-3

DCB had dispersed FCR + a biface in the same level in N824 W873 but DRB had very little immediately to the N in N825 W873.

LJR continues to number artifacts + map Fea. 13.

VAR found numerous flakes in N824-5 W869 in levels 2, 3, 4, + 5. More are in N825. Ned screened for her + others in this block most of the day.

8-11-88

Weather: hot, hazy, humid. High in mid-90's.

Crew: full crew except DLG. Ned came out ~8 to 3.

Ira, Tyler, Maureen, + Ken Weaver came out this morning ~9:00, + I showed them around. ICB kept trying to prevent me from talking to TJB + Weaver - not intentionally, but it was annoying.

Block 3. Removed some major trees this morning so VAR could start on N825 W868-866. Tree still needs to be cut up but we are waiting for the chain saw to be repaired. VAR found pipebowl frag. in N825W868 which may be prehistoric

4 DCB + DRB finished N824-825 W873 and strung out 12 new squares W of the existing block. A large tree also had to be felled in this area + backdirt moved westward.

LJR still mapping Fea. 13.

CJC finished level 3 in N822-823 W873 + we photographed these 2 units. Little turning up in level 4 in the way of FCR or debitage.

Block 1. WBD finished up N855 W882-3 + profiled S + E walls. E wall has a strange line which almost looks like a discontinuity,

Cut is probably related to fire road construction. He removed a tree & laid out 2 more units on the N855 line. Both are on the E side of the road. PZ in N855 W880 produced 2 points.

GXG exposed level 3, in N852-3 W888. and fully exposed Fea. 15. He also uncovered 2 large bifaces with cobble cortex on both ends in N853 W888 – both very thin considering what the knapper must have started out with. There is also a hammerstone & other FCR in this 2×2 area.

JVG & TPC getting only moderate amounts of material in their units at N856 W889 & N856-857 W888.

Block 2. RSL has hit a limonite in N931.5 W931, but is getting little cultural material.

ALC is still hacking away in among limonite slabs. She is still getting flakes in the NW corner in N931.5 W933 in level.
She is coming down on red hematite "gravel" which appears to end of the cultural deposits.

MGS people didn't say much. MK thought the pottery from Fea. 13 might be Selden Island. Ken Weaver thought the limonite might be in place & that part of the site deflated more than others. Couldn't tell what Tyler thought in general.

8-12-88

Weather: hot, hazy, humid
Crew: full crew except DLG. Ned & John Wardcame out ~ 11:00 AM.

Got a new camera tripod this morning w. legs that don't collapse!

Block 1. GXG mapped & picked up artifacts in his 2×2 m unit around Fea. 15. This took him most of the day.

JVG continued removing PZ & subsoil in N858 W889. Some FCR & a biface turned up in the upper subsoil levels.

TPC completed N856-7 W888 & started clearing a 2×2 m area south of GXG.

WBD removed most N855 W881-880 today. Flakes appear to be increasing to the E.

Block 2. RSL finished level 4 in N931.5 W931 and began mapping. Took photos of all 4 units at this level – W928-931.

ALC started removing level 6 in N931.5 W933. This level extends down into the red hematitic "gravel". CM drops off.

8-12-86	Units Open	Units Completed
BLOCK 1	40	31
BLOCK 2	15	9
BLOCK 3	34	18
	89	58

Block 3. VAR began removing LV. 2 in N825 W868-867, + then also removed PZ from N825 W866. The latter unit has a very large stump in it which is difficult to work around.

LJR continues to work on Fea. 13. She mapped + removed the W 1/2 top layer. There is little material underlying this, + no more sherds. One of the sherds removed has a semi-circular indentation into which the lug fits.

DRB + DCB removed PZ from N827-4 W874. The northernmost unit also has a large tree stump. Ned + John screened for them.

Had Ned remove most of the PZ from N822-3 W874, but left a bulk next to CJC's units to the E.

CJC got down to level 5 in N822-3 W873. She is still getting a small amount of cultural material

8-15-88

Weather: hot, humid, less polluted today. High ~ 102

Crew: full crew except DLG

DCB came out over the weekend + chopped up one of the trees W of Block 3!!!

Block 3. LJR removed most of Fea. 13 which was fairly shallow. Few underlying rocks or sherds. Large sherd turned out to be part of a crenated rim.

VAR finished 2nd level in N825 W869-7 + began 3rd. Large tree stump in W874 is still presenting a major problem. Proj. Pt., bifaco, + FCR showed up in 3rd level in this set of 3 units.

CJC uncovered a small bunch of limonite slabs in the SW corner of N822 W873 in level 6. So far, the limonite is [illegible] to that small area.

ALC finished her unit in Block 2 + started working in N822-3 W874 that Ned removed the PZ from yesterday.

DRB + DCB are getting virtually nothing in N826-827 W874. They finished most of these units today.

Block 2. RSL removed level in N931.5 W - + was still recovering

flakes in the SW + SE quads respectively. Decided to take out just the south half in the right level in these squares.

ALC finished N931.5 W933 did profiles of N + W walls. Some flakes were still appearing in level 6 in the NW quad. Not so much limonite at the deeper levels.

Block 1. JVG finished N856 W888 late in the afternoon. She will start N858 W888-9 tomorrow.

WBD completed N855 W881-880 + did S wall profiles. He + I laid out 2 more units eastward in this line + he began removing PZ.

TPC started removing PZ from a 2x2 - N851-50 W888-9. He has a large stump in N851 W889 w. very contorted roots.

GXG going deeper in his 2x2 N852-3 W888-9 but is generally out of the cultural material.

DLG was supposed to be out this morning but didn't show. She had left a message not to wait for her past 7 AM

8-16-88

Weather: clear, cool (95°), low humidity. It's pleasant!!! Unfortunately, little evidence of rain last night.

Crew: full except DLG. Ned came out around 9:30.

DLG didn't show up again this morning although she told ECW last night that she would be here. DLG apparently called ECW this morning + said she had a "relapse" + wouldn't be in. I called Ira this morning to let him know the situation. He will talk to Tim Via about what Workman's Comp. will pay.

Block 1. JVG removed the PZ from N858 W888-9 this morning. She found a steatite sherd in the PZ which appears to have food residue on it. A quartzite point tip also came out of this area along w. a fair # of flakes.

TPC removed PZ from the southern units in his 2x2 + began removal of subsoil. Found a large thin biface very similar to those found by GXG just to the north.

WBD continuing eastward in N855 W879-8. Removed rest of PZ + began excavating subsoil. Found a large gneiss pestle in the subsoil of N855 W879, along w. some FCR. Not enough

N 855 granodiorite/gneiss
W 879 pestle
4, 2 34 cm. long
Subsoil

to call a feature. Will expand off of this set of units.

GXG is below dense cultural zone and will finish up N852-3 W888-9 today.

Block 3. ALC removed level 2 in N822-3 W874. Uncovered a dispersed scatter of FCR + limonite. Very little debitage mixed in. CJC is getting very little of everything in N821-5 W874 in level 2

DRB + DCB finished N826-7 W874 this morning. They laid out 5 more units N of the existing block N828 W873-869 + began removing PZ from E to W.

VAR completed level 3 in N825 W868-6. Photographed her pt. + FCR scatter, mostly in N825 W867. She is getting little so far in level 4

Block 2. PSL took out one more level in the 4 southern quadrants of N931.5 W928-9, to try to get to the bottom of the flake concentration. He drew profiles of the N wall of 928—931.

8-17-88

Weather: hot, hazy, humid again. High ~100

Crew: full crew + Ned. DLG drove out herself this morning + is limping somewhat theatrically. WBD arrived around 9 AM after taking a neighbor to the emergency room.

Block 3. VAR removed level 5 w shovel in N825 W868-866. Large stamps in NE corner is still problematic. There is very little CM as one moves eastward. VAR laid out, but did not start N826 W868-7.

ALC has dispersed FCR + limonite in N822-3 W874 but little debitage or tools in levels 2-3. CJC is getting even less in N821-5 W874.

DCB + DRB finished removing PZ from units in the N828 row + began removing subsoil in N828 W872-3. Only ~10-20 flakes/level showing in upper portion of subsoil.

LJR finally finished Feat. 12 + began removing LV.3 in her 2x2. Didn't get very far today. LJR has a really nasty rash over her legs which may be sun poisoning. She called her mother, a R.N., yesterday to check it out.

Block 1. WBD also is looking green today

and thinks he got too much sun of the leeches last weekend. Told him he could leave early but he stuck it out. He finished removing most of the subsoil in N855 W879-78. Very little CM below level 2.

RSL started a branch off the Dorchow trench N859-853 W879 adjacent to where WBD found the pestle. Much prehistoric stuff in the PZ, + RSL found a rock cluster embedded in the subsoil but right at the PZ boundary. Stump very close to cluster

GKG finished N852-3 W888-9 + moved to extend the Greist trench northward. He began N861-2 W892. Again, there was considerable prehistoric stuff in the PZ and a medium, but complicated, tree stump.

DLG is again working at N860 W892. Removal of level revealed a somewhat consolidated cluster of rocks + a point. Gave this a feature # - 16 - but it's pretty marginal. She removed only about 3/4 of 1 level today. Her parents came out at noon + I showed them around.

TPC is contending w. a large nasty stump in N851 W889. Spent a lot of time in root removal. Level 2 producing a good quantity of flakes.

8-18-88

Weather: hot, humid, partly cloudy
High in mid-70's

Crew: full crew except LJR who apparently wrenched her back out last night. Ned came out ~9

Blocks 3. VAR finished N825 W868-6 and she + Ned removed PZ from N826 W868-7. Top level of subsoil in these 2 units isn't producing much.

After lunch NTW + I strung out two more units east of VAR's on the N825 line. NTW started to remove the PZ from N825 W866. Large stump in this square w. lots of roots.

ALC is getting lots of gravel but little CM from level 6 in N822-3 W874. Should finish these this afternoon. CJC is getting slightly less gravel + no CM in N824-5 W874.

DRB + DCB finished N828 W872-3. Little CM. DRB started in on the northern portion of the 2x2 previously started by LJR - N827 W870-869. DCB started on N829 W871-70.

In general, we seem to have reached the edge of the cultural material on all sides of Block 3. Plan to transfer some people to Block 1, and may also call Charles Tipton, the dowser, for

some assistance.

Block 2. WBD finished N855W879-8 + started N855W877-6. Much cultural material found in the PZ + top level of subsoil.

RSL found a thin exp. stem quartz proj pt. with his rock cluster in N854 W879 - gave this feature #17. Will have to remove N854W880 to reveal its full extent. Nasty tree stump near feature.

DLG actually got out 2 levels today. She is still finding flakes in level 6. in N860 W892.

Material seems to be deeper in this northern area. GXG is also getting a lot of flakes + FCR in level 3 in N861-2 W892.

JVG exposed more rock in level 2 of N858-9 W887-8, but so far not enough to call a feature. We may have had a roughly stemmed large quartz biface stolen last night. Today it was missing but JVG thinks she might have bagged it accidentally.

TPC is getting much debitage from level 2 in N850-1 W868-9. Also a FCR scatter is present.

Covered JVG's unit this evening after spraying. It's supposed to rain tonight + get cool.

8-19-88

Weather: cloudy, much cooler, high in the low 80's. Intermittent drizzle. Crew: full crew except LJR

Surveyors out today backing out the main property boundaries. Our maps correspond fairly closely. They will get us an elevation on our datum stake.

Block 3. LRJ absent again today so VAR invaded her 2x2. She is removing level 3 from N825 W866-867. Some debitage is present but not much.

LJR reported in at noon + said that she didn't want to work the rest of the day. She will be back full-time on Monday. VAR reported that LJR was shooting baskets last night.

DRB completed N827W870 + removed much of N827W871. Little material was

ELEVATION

Stake 18+00 elevation on top of 1.6
92.56 ft. MD system

recovered. He also removed parts of the mega-structure that is still present around Fea. 13.

DCB completed N828 W871 + started on N828 W870. Little recovered so far.

CJC + ALC both finished their units of the western side and moved to Block 1.

Block 1. CJC started a 2x2 due S of TPC N888-7 W848-9. Square was difficult to string out for some reason + units may not be trustworthy. CJC removed PZ from N888 W849 in afternoon

ALC moved to N856-7 W879 off of the Doshow Trench + removed the PZ. She found the remains of an historic ditch whose profile shows clearly in the PZ. Must be relatively recent. Gave it Fea. #18. Shallow.

RSL opened the 1x2 west of N854-3 W879, to try to expose more of Fea. 17. Removed PZ in afternoon. More FCR

WBD continued removing subsoil in N855 W877-6. Finding a moderate amount of material.

DLG finished N860 W892 + moved to N863-4 W892 She removed part of the plowzone in N864 W892

GKG finished level 4 in N861-2 W872 + is still getting quite a lot of material. In general, material appears to be deeper to the N.

TPC still getting lots of flakes. Found a skyglite point in the screen from level 3. He is out of the FCR weather, though.

Quit at 3:10 due to rains.

8-22-88

Weather: clear, cool, low humidity
High ~80. Pleasant!!

Crew: full crew except DRB

Ira sent out evaluation sheets which ECW + I filled out this morning. DRB missing w. no messages. Possibly his grandmother took a turn for the worse.

Block 3. LTR is back today + is removing N826 W870 where Fea. 13 was. There are still many flakes in the SW quadrant + even in the deeper levels. VAR is also encountering a few flakes in adjacent N826 W869 around the tree stump which is still rather formidable. The remainder of her units in the N826 line are pretty sterile.

DCB completed N828 W870 + started on N828 W869. Not much turning up.

8-23-88

	UNITS STARTED	UNITS COMPLETED
BLOCK 1	73	47
BLOCK 3	49	42
BLOCK 2	15	15
	137	104

Block 1. CJC finished removing the PZ from 3 of the squares in N888 9 W848-9. There is a lot of historic stuff and moderate quantity of flakes. She finished 1 quad in N888 W847 of subsoil - some flakes; no FCR.

ALC uncovered an appreciable rock scatter in N856-7 W879 so we laid out 2 more units to the west. She removed PZ in the afternoon.

RSL is still uncovering FCR in Level 2 of his 2x2. Fea. 17 turned out to be less discrete than it looked like it was going to be. There is no clear concentration.

WBL opened a new set of 1x1's in the Dorshow Trench N855 W875-4. He removed the PZ and uncovered part of a feature - #19 which looks like an FCR cluster. Not much debitage present in the vicinity.

TPC removed level 4 in N887-6 W848-9. Still getting flakes but density is decreasing. Concentration by the tree stumps next to GXG's old unit.

DLG is still removing PZ from N863-4 W892. GXG helped her remove a nasty set of roots. Much debitage & historic stuff in the PZ.

GXG finished N861-2 W892 and started N865-6 W892. N866 cuts through another spoil pile.

DCB called DRB at lunch but no answer. I called the office but DRB had left no messages.

8-23-88

Weather: overcast, threatening rain. High about 80

Crew: full crew except DRB.

I stayed in the office this morning to catch up on mail, etc. Gave Ira evaluation sheets & picked up contact sheets from Service Photo. Still no messages from DRB. Arrived at site ~10:15. No one heard from Dan. DCB will stop by his house tonight to check things out.

Block 3. DCB uncovered part of an FCR cluster - Fea. 20 in N828 W869. It is really in level 3 - DCB dug 100 deep in level 2. He laid out N829 W869 to a N828 W868 to expose the remainder. Removed PZ in PM

VAR uncovered a lighter sandy discoloration in N826 N869 which extends into N827 W869 + N826. She is treating it as if it were a feature - drawing plans + profiles, but so far we have not assigned it a fea. #. The discoloration starts below the levels with most of the cultural material. It is

roughly circular w. an irregular bottom containing some limonite chunks. Fill is sterile but contains lots of small limonite fragments & quartz gravel. Looks trash but could possibly be a leached out cultural feature.

LJR finished N826 W870 and began working on the trench going E on the N825 line. She inherited the unit the NTW started N825 W865, and will work on N825 W864

Block 1. RSL finally finished uncovering FCR scatter in N854-3 W879-80. Found a rhyolite SN point. Mapped & photoed. Will restrict Fea. 17 to a small cluster of FCR & adjacent quartz point found in N854 W879.

ALC is still removing level 2 from N856-7 W879-880. She has less rocks than RSL.

TPC is still getting many flakes in level 4 in N850-1 W889 so this area will go deeper.

CJC is removing level 2 in N849-8 W889-8. Her cultural material is also concentrated on the W side.

JVG is uncovering a scatter of limonite and occassional FCR in level 3 of N888-9 W888-7. Not clear if the limonite is cultural, but it appears to be at the moment.

WBD cleaned up, mapped, & picked up Fea. 19. Continuing to remove subsoil but few artifacts are showing up in this area.

DLG & GXG are working in upper levels of W892 N863-6. There are many artifacts but no features as of yet.

Went to WBD's house in PM for a party. Pleasant time. DCB stopped by DPB's apt. & ran into him as he was returning from WI. He went to see his grandmother who is, in fact, much worse. Says he left a message to a secretary at MGS.

8-24-88

Weather: warm, sunny, humid. Rain predicted but did not materialize.

Crew: full crew

DPB back — said he called MGS on Sunday and left a message with a [illegible] answering service?? He needs 8-26 off [illegible]

Block 2. VAR finished digging [illegible] stain which is almost certainly [illegible]. Gave it Fea. [illegible] so [illegible] have [illegible] in [illegible] to it. VAR then started N827 W862 which is not expected to contain much, but is near DCB's Fea. 20.

DCB started removing subsoil in units around Fea. 20 but so far the rock lasters appears to be restricted to N828 W869. Very little debitage in surrounding units, although 2 cores are present.

DRB finished level 5 in N827 W869 which was sterile. He then began N821 W [illegible], removing both PZ & the 1st level in the subsoil. Although adjacent units produced both FCR & points he is getting very little.

LJR removed the 1st level in the subsoil in N825 W864-865. Very little debitage but she did get a quartz Blue Island pt. & has a small amount of FCR.

Block 1. RSL mapped & picked the FCR scatter & points. Fea. 17 in N854-3 W879-80. ALC finished uncovering level 2 in N856-7 W879-80. He has a number of hammerstones, bifaces, and 1 point base.

WBD finished N855 W875-4 and started N855 W871-[illegible] [illegible] removed the PZ in the PM.

[illegible] expect much from these 2 units since there was a lot of FCR & debitage in the PZ. Any features that were there appear to have been plowed up.

JVG picked up the limonite scatter in [illegible] in N858-9 W887-8. Not much associated debitage, but occasional large flakes are present.

GXG and DLG are getting alot of material in level 2 in N863-6 W892. Level 3 has a greater concentration than in level 2.

TPC is working on N847 W885 in CJC trying to chase a subtle soil discoloration which is probably a tree. Assigned it Fea. #22.

CJC removed level 2 & part of level 3 in N849-50 W885-6. She is getting lots of flakes but not much FCR.

8-25-88

Weather: warm, sunny, high in mid-80's
Crew: full crew + Ned & John Ward ~9:30.

This is the last day for WBD & DLG who go back to school. VAR & GXG will be going to Pittsburgh to see about registration.

Block 1. WBD started removing subsoil from N855 W872-3. He removed all

but the last level by the end of the day. Subsoil was essentially sterile. Last level + S wall profile remain to be drawn.

TPC followed his "stain" into Chris' block, whereupon we decided that it was an extree. He is continuing to work on N848-9 W888. A small FCR scatter occurs in N848 W888.

CJC continues removing subsoil in N848-9 W889. Much debitage is still present in level 4.

ALC finished mapping & pulling FCR, hammerstones, etc. from N856-7 W879-80. Started removing level 2 where the debitage dropped off sharply but is still plentiful.

PSL, who is well into level 3 in N853-4 W879-80, has a similar situation. No new FCR is showing up.

DLG uncovered an FCR scatter in level 3 of N863-4 W892 which she mapped before the end of the day. Photo remains to be taken.

GXG in level ___ in N865-6 W892 is also still getting lots of debitage. LV 3 has a higher density than level 2 in this area.

ECW + I laid out a 2x2 just W of GXG in N865-6 W893-4. Ned removed PZ from N865 W894. DRB will inherit these units.

Block 3. DCB is still removing LV. 2 from the area around Fea 20 in N828-9 W869-8. A few more pieces of [illegible] turned up, but there is very little [illegible] in this area.

VAP finished N827 W868 + profiles in N825 line. She will be moved up to Block 2 on Monday.

DRB finished N8[illegible] W which produced virtually nothing. Ned + John screened for him in the AM.

LJR finished exposing Level 3 in N825 W864-3. She found another proj. pt. tip frag. — quartz with possible serrations.

Ira came out today to hire people on a more permanent basis. He decided to pick up DRB, DCB, TPC, & Dave Kirkpatrick, with LJR + CJC as alternates. DRB found another job doing historic restoration that pays more so will not stay in. Offer made to LJR. VAP's position is still unclear but we will apparently hold a place for her in 1989.

Took group picture ~ 3PM. WBD cut down his last tree

Surveyor supervisor for crew putting in the SRA property line was out. He looked around for awhile & then left. A number of Westinghouse people also stopped by.

8-26-88

Weather: sunny, warm, mid 80's, nasty air.

Crew: CAE, ECW, ALC, RSL, JVG, TPC, CJC, DCB, LJR

VAR & GXG went back to Pgh. today. DRB left to see his grandmother in WI.

Block 1. ECW & I finished the last level in WBD's 2 units N855 W843-2. They were sterile. ECW did the S wall profile.

I cleared off & photographed LV 3 in DLG's N863-4 W892 & finished her paperwork.

JVG finished N858-9 W887 & at level 5, avg. less than 1 flk. per quadrant.

ALC & RSL are both working in level 3 in their units on both sides of the Dorshow trench. Both are getting some flakes but neither are getting other rocks.

CJC is still getting significant #'s of flakes in N848-9 W889 in level 5. TPC is still in level 4 in N848-9 W888. He found a rhyolite stemmed pt. in the wall of N849 W888.

ECW & I removed the backdirt E of GXG's units prior to setting out a 2x2 there. N865-6 W490-1.

Block 3. Only LJR & DCB working here today. DCB fixed the rope & did in some branches obstructing the road from the tree WBD felled yesterday. He cleared most of level 3 from the units surrounding Fea 20 but it is still not completely exposed.

LJR is poking around in N825 W869-3. Photographed level 3 this morning. She is now working on level 4.

Westinghouse friend of Higgins stopped by & I showed him around. He is also interested in the field school.

8-29-88

Weather: heavy rain today from the remnants of tropical depression "Chris".
Crew: full crew except DRB who presumably is still in WI.

We stayed in today. ALC & VAR worked for Rick Ervin. DCB & TPC worked

Chris Barse washing Rt. 404 stuff after lunch. In the AM the guys retrieved the Phase II soil samples from BCUA. Everyone else started washing artifacts.

8-30-88

Weather: overcast, comfortable. High in upper 70's

Crew: full crew except DRB who has left no messages.

Rain has left site intact but messy.

Block 3. LJR finished removing level 5 in N825W864-5 which contained 3 flks. in both squares. Started removing level 6.

DCB finished clearing off Fea. 20 and surrounding area. We photographed it & he is now mapping it under protest. He apparently hates to map features. (jokingly) Fea. 20 is unlike some of the other FCR clusters in that it contains some large pieces of limonite cemented conglomerate.

Block 2. VAR started N930.5 - 931.5 W934 this morning. These are just W of ALC's two units on the W933 line that contained very high densities of flks. VAR appears to have a remnant PZ in these units, which was not found elsewhere in the Block. Remnant PZ was excavated as a separate layer.

Block 1. GXG found a probable fluted (quarter) point base in LV. 4 in N866W892 this AM!! Since then he has also found a chert unifacial scraper in LV. 5 & a chert flk.

JVG started on the units left unfinished by DLG - N863-4 W892. She has also recovered a few chert artifacts. This is the 1st evidence of concentration of this lithic material on the site.

ALC & RSL are removing levels 4, & 3 respectively in units N & S of the Dorshow Trench on the W879-880 line. ALC got an average of about 7 flks per 1x1. Started LV. 5 in the PM. RSL still getting pretty many flks. in level 3, & a few FCR.

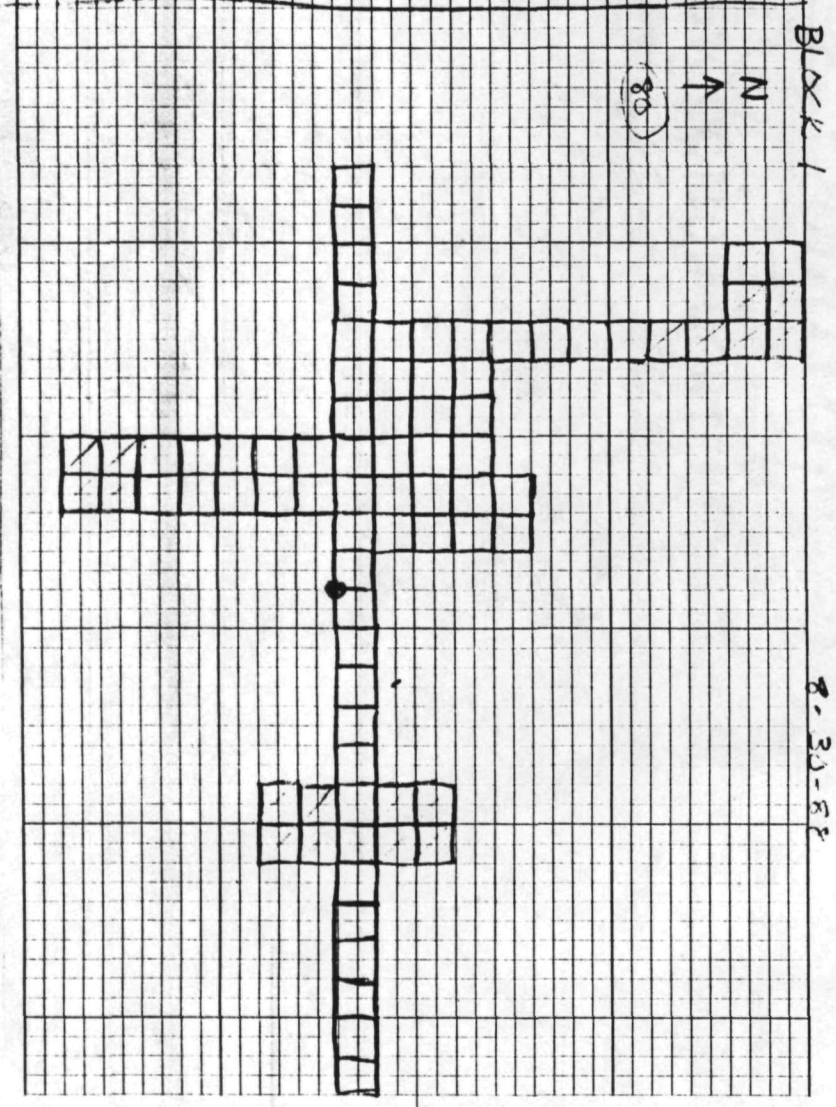
TPC & CJC are both in LV. 6 in N848-9 W888-9. Both still getting a small but significant # of flakes & will have to go deeper.

Called Charles Tipton the water witch. 8-29. He will try to come out this week

BLOCK 1

(80) → N

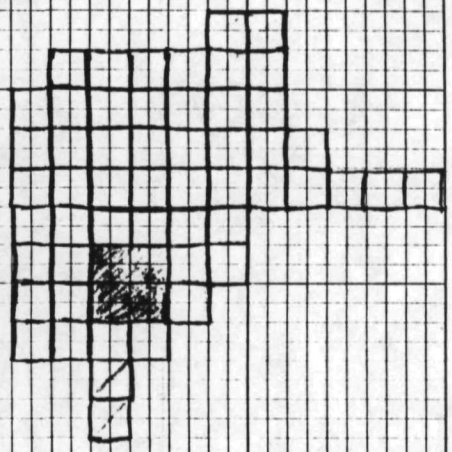
8-30-88



8-30-88

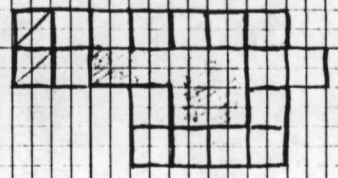
BLOCK 3

(58)



BLOCK 2

(17)



8-31-88

Weather: clear, comfortable, high in upper 90's

Crew: full crew except DRB who has still not gotten in touch with us.

Block 1. G&G found another chert flk. & a green chert end scraper in level 6 of N865 W892. Chert could be Corsackie, although it's lighter; or maybe Attica, although that's very far away. Edge & redge polish. Just the right thing to find with a fluted pt. frag.!

JVG is also still getting flakes in LV.5 in N863-4 W892. Limonite scatter too.

CJC finished N848-9 W889 and started N848-9 W890 just to the W. She finished removing P2 by the end of the day.

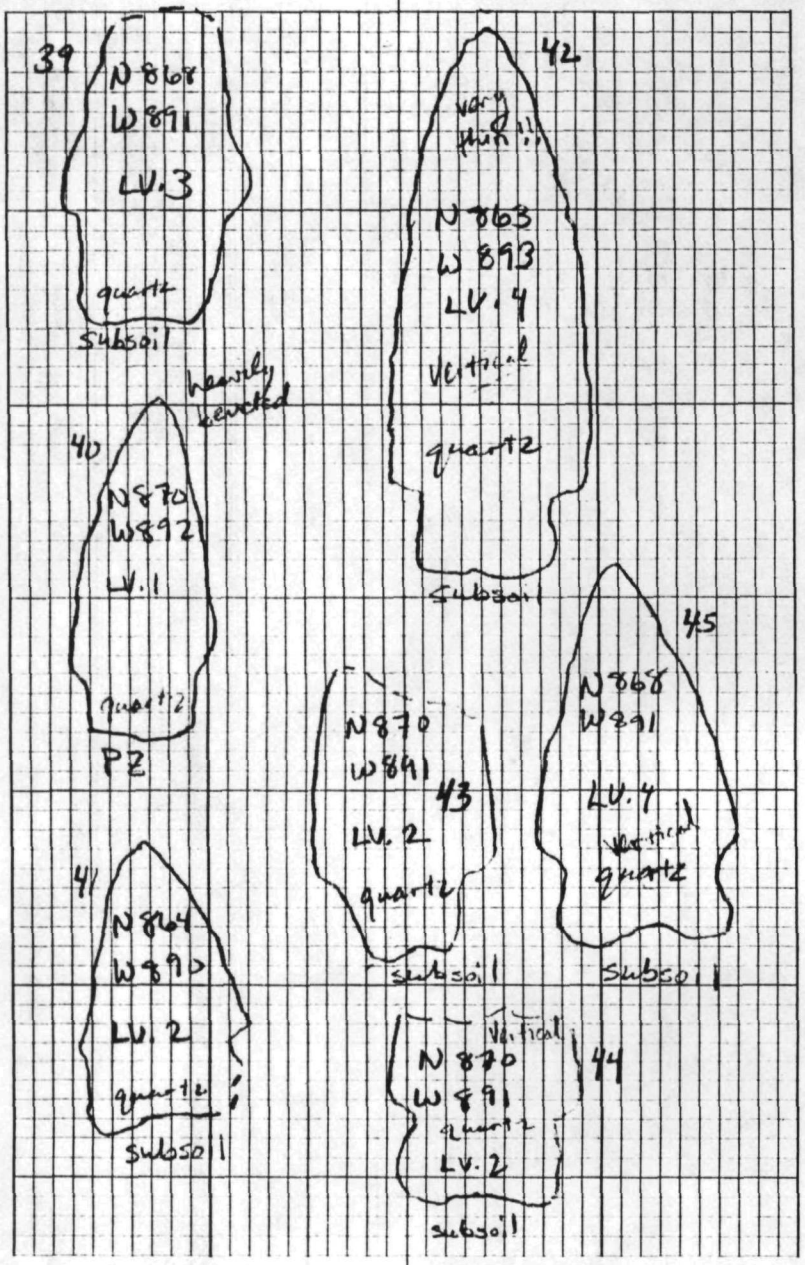
TPC finished N848-9 W888 and started a deep pit at the mouth of the Greist Trench. N859 W892 in a pit previously dug by DLG.

RSL finished levels 4 + ½ of 5 in N854-3 W879-80. He is getting very little. ALC lookout levels 5 + most of 6 in N856-7 W879-80. Lv. 5 was largely sterile. Taking out level 6 to make sure.

BLOCK 3. DCB still working on Fea. 20. He removed the top layer of rocks and found 4 more underneath. 2 FCR & 2 limonite/conglomerate. Should finish early tomorrow.

BLOCK 2. VAR found a good tight FCR cluster in N930.5 W934 in Fea. 23. It goes into the S wall a little bit. Also found a big chyslite [illegible] several quartz biface frags in N931.5 W934. All this in top level of the subsoil. Will have to open N929.5 W934

Called office this morning to ask if DRB had left any messages & to let people there know about the fluted point frag. Talked to Dennis as ICE & TJB were interviewing for secretaries.


39
N868
W891
LV.3
quartz
subsoil
40
heavily leveled
N870
W892
LV.1
quartz
PZ
41
N864
W890
LV.2
quartz
subsoil
42
very thin!!
N863
W893
LV.4
vertical
quartz
subsoil
43
N870
W891
LV.2
quartz
subsoil
44
vertical
N870
W891
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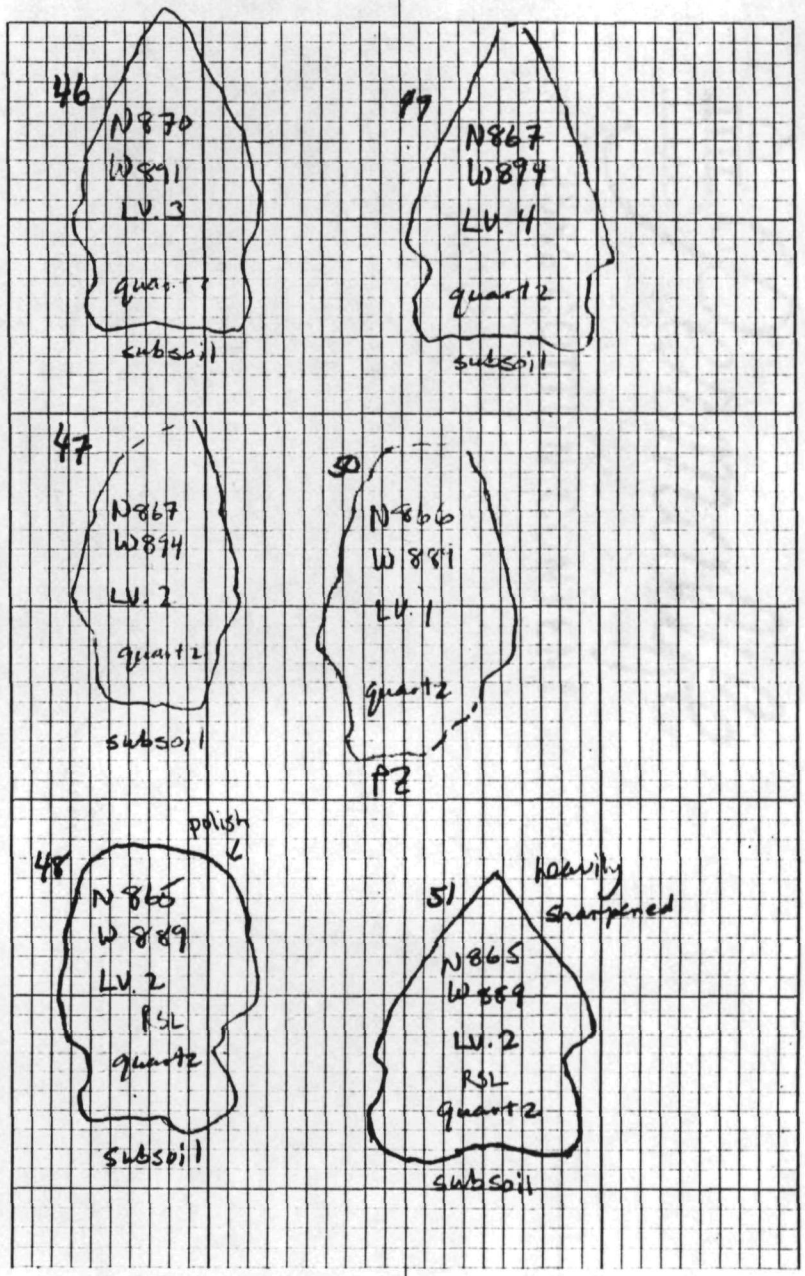
LV.4
vertical
quartz
subsoil


46
N870
W891
LV.3
quartz
subsoil
47
N867
W894
LV.2
quartz
subsoil
48
polish
N865
W889
LV.2
RSL
quartz
subsoil
49
N867
W894
LV.4
quartz
subsoil
50
N866
W891
LV.1
quartz
PZ
51
heavily sharpened
N865
W889
LV.2
RSL
quartz
subsoil

9-1-88

Weather: clear, sunny, comfortable high in low 80's.

Crew: full crew except DRB. ALC is leaving at noon today. She will be back next Wed.

DCB connected w. DRB last night, & said that he wasn't going to be out today, & may miss 2 weeks. Still no message from him directly. I tried to call his apt. this AM but no answer. Called Ira to apprise him of the situation & got Dennis. Left message.

Block 3. DCB finished getting elevations & mapping & picking up Fea. 20 (at last!). He started removing the lower levels of the 2x2. Very little debitage is showing up.

Block 2. VAR removed PZ from N929.5 W934 to expose more of Fea. 23. Found 2 points - neither EA particularly - in the 1st level below the PZ. Remnant PZ in the 1x1 was not separated from younger PZ during excavation.

Block 1. TPC continued excavating the deep pit in N859-60 W892. He got out of the strong brown silty sand and into a new layer of light coarse sand which just falls through the screen and contains only a few small pebbles. Looks like beach sand.

ALC finished removing the remnants of level 6 & profiled the W wall of N856-7 W879-80 & then laid out a new 1x2 at N856-7 W881. She removed all of the PZ from N856 & started on N857. I took off additional PZ after she left for the day. Exceptionally deep plow scars are present - or heavy equipment scars - and there was a lot of FCR & debitage in the PZ. Expect very little in the subsoil here.

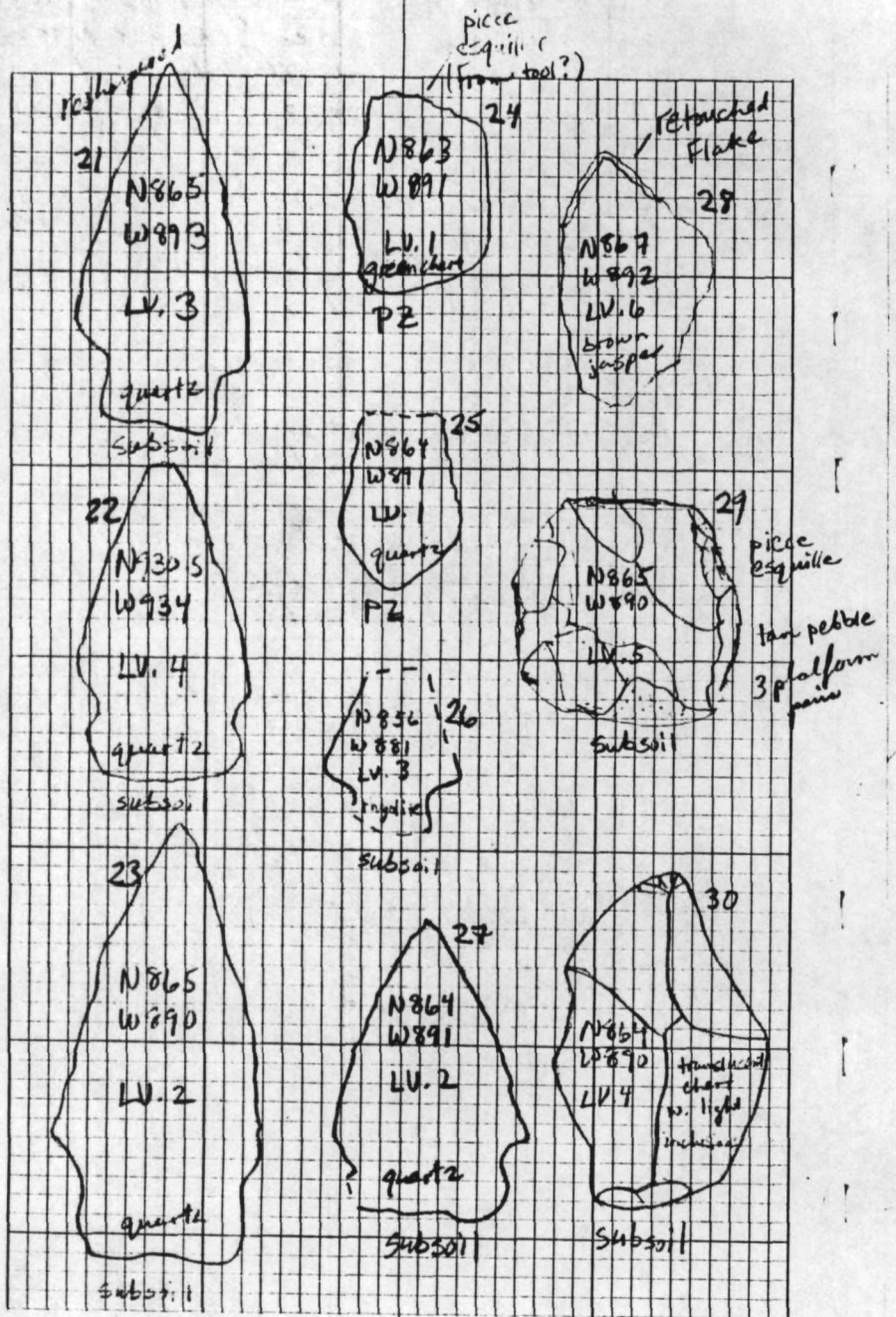
RSL still working on level 5. Had him take out LV.6-7 just in N854 W879 since he was still getting flks. there.

CJC removed the 1st level of subsoil in N848-7 W870. She is getting a moderate quantity of flks. but little rock.

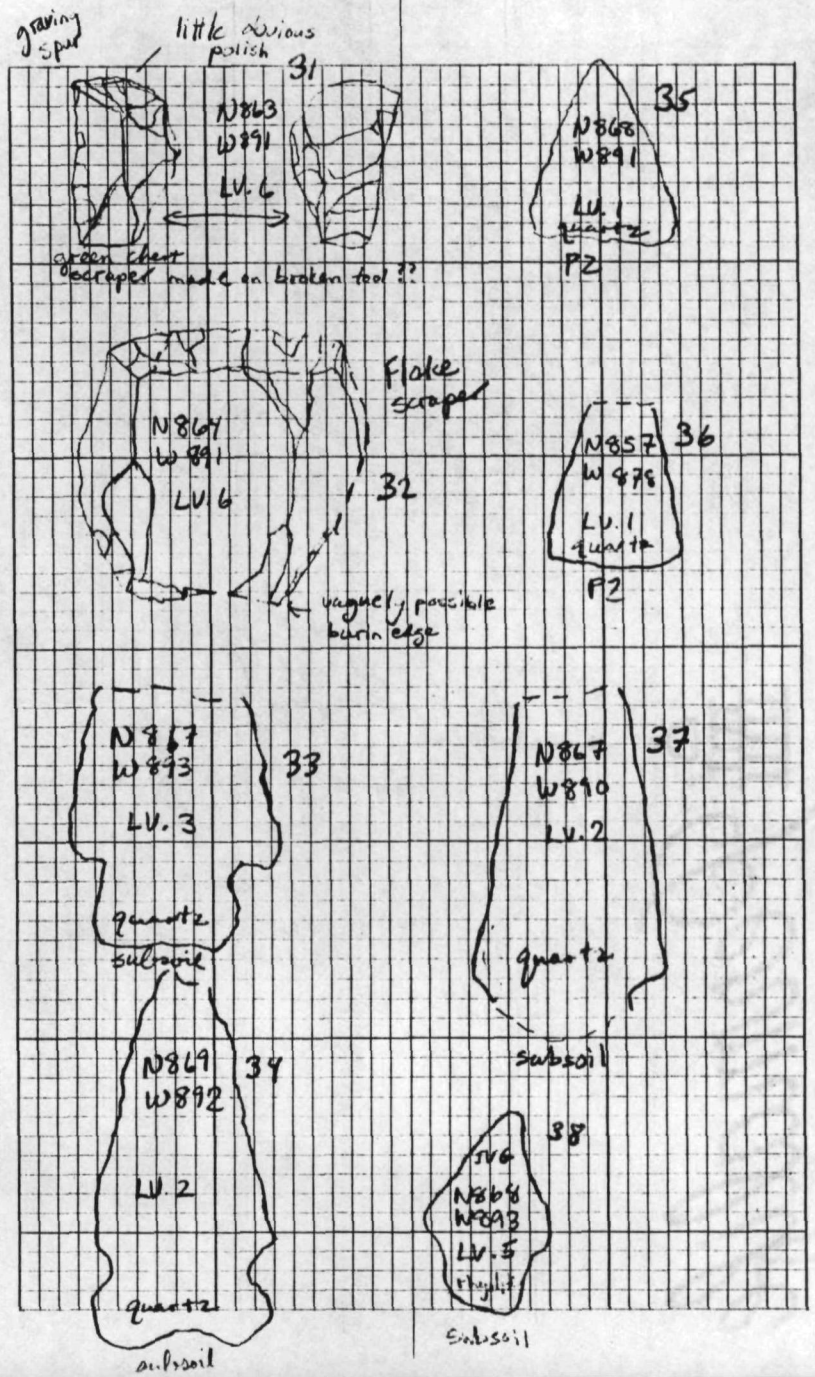
GXG found another green chert scraper frag. in LV. 7 in N865 W892. Took just this 1x1 down further. The interface of the strong brown silty sand & light coarse sand is just showing up in the floor in N8[illegible]

JR removing PZ from N865-6 W893-4.

JVG picked up limonite scatter in N863-4 W892 - little else showing up.



21
N865
W893
LV. 3
quartz
subsoil
22
N930 S
W934
LV. 4
quartz
subsoil
23
N865
W890
LV. 2
quartz
subsoil
24
N863
W891
LV. 1
green chert
PZ
25
N864
W891
LV. 1
quartz
PZ
26
N856
W881
LV. 3
rhyolite
subsoil
27
N864
W891
LV. 2
quartz
subsoil
28
N867
W892
LV. 6
brown jasper
retouched Flake
29
N865
W890
LV. 5
subsoil
piece esquille
tan pebble
3 platform pairs
30
N864
W890
LV. 4
translucent chert w. light inclusion
subsoil



graving spur
little obvious polish
31
N863
W891
LV. 6
green chert
scraper made on broken tool??
32
N864
W891
LV. 6
Flake scraper
vaguely possible burin edge
33
N867
W893
LV. 3
quartz
subsoil
34
N869
W892
LV. 2
quartz
subsoil
35
N868
W891
LV. 1
quartz
PZ
36
N857
W878
LV. 1
quartz
PZ
37
N867
W890
LV. 2
quartz
subsoil
38
N868
W893
LV. 5
rhyolite
subsoil

9-2-88

Weather: clear, sunny, comfortable, high in the low 80's. Pollution bad.

Crew: full crew except ALC + DRB. RSL left after lunch.

Called DRB last night to find out what was going on. Said he was going back to WI for 2 weeks + wouldn't be staying on the project. Told him to be sure he called Ira before he left. ALC off today; back 9-7.

Charles Tipton, the douser, came out this AM to try his hand on an archeological site. He used wires to try to determine the boundaries of the limonite concentrations. Marked out the area with flagging. He felt the limonite extended about 10 meters to the S of Block 2 + was cultural.

He used a pendulum over the site map to pick out general places good for excavation. He particularly noted the area around N825 W900, N795 W855, + N810 W840.

Around specific site areas, he used the end of a fishing pole which bobbed up and down at relevant spots. In Block 3 he was unable to detect any significant cultural material around the perimeter of the excavation. This agreed with what we expected. In Block 1 in the area E of the road he felt we also had gotten most of the cultural material. This did not agree with what we expected.

In the northern extremity of Block 1 in the Paleo-Indian area, he thought that more material would be located N + E of N865-6 W891 + that less would be found in area of LJR's 2×2. By TPL's 2 deep squares - N859-60 W892 he predicted that stuff would be found 6 or 7 ft. deep, just to the W. This would seem to be a case of suggestion based on his noticing where our deep unit was located.

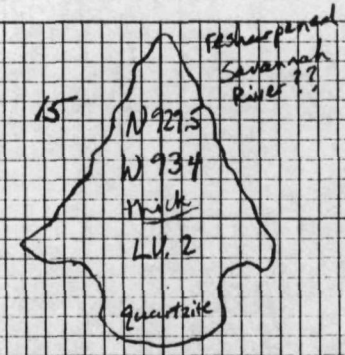
In the southern extremity of Block 1, he thought that cultural material would be concentrated W of CJC's units - N848-9 W890.

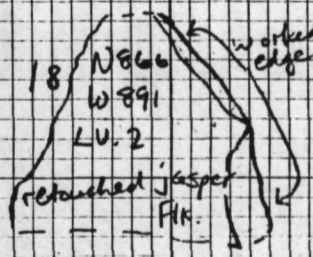
Dennis came out in the afternoon to look around + spread office gossip. Told him he could contact Gardner if he wanted to about the fluted pt. frag.

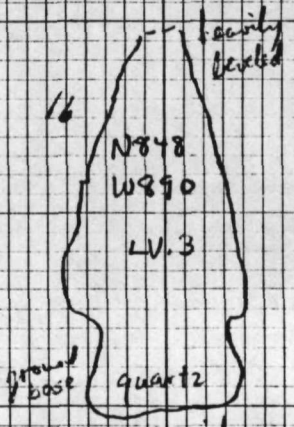
Block 2. VAR finished clearing off the 1st level in the subsoil and found 2 more points - one a Bare Island/Wading River, the other a heavily resharpened wide-shouldered stemmed thing that may be a desperately reworked Savannah River. Another possible feature goes into the west wall of N929.5 W934. Gave it # 24 for future reference. VAR mapped everything + got most of it picked up by the time we left today.

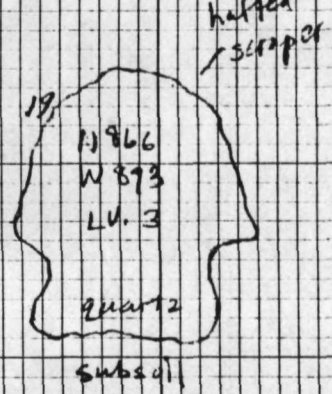
9-2-88

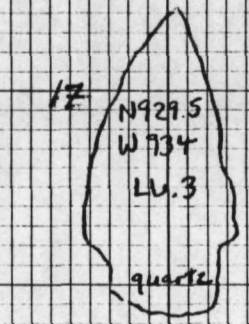
	Units Started	Units Completed
BLOCK 1	87	73
BLOCK 2	18	15
BLOCK 3	52	48
TOTAL	157	136

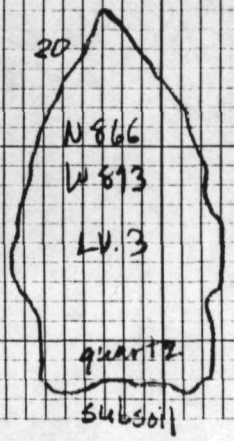












Block 3. DCB finished all the levels in N828-9 W869-70 and now is taking down N829 W870 to 2 meters.

Block 1. GXG uncovered a scatter of FCR, biface + other quartz artifacts in LV. 3 in N865-6 W891. Also got a large jasper retouched flake, + 1 other chert flk. Dense qtz. debitage

LJP removed the way in N865-6 W893 is getting a scatter of small pieces of limonite in level 2 + a lot less debitage.

JVG basically finished up in N863-4 W892. Very little in her lower levels.

RSL laid out a new 1x2 in N853-4 W881 + got off the PZ. There appears to be more intact subsoil here than in ALC's units - N856-7 W881. RSL asked to leave an hour early today. I told him no + then made a deal that he could leave early if he worked through lunch - then RSL snuck out right after lunch!

CJK uncovered a FCR quartz artifact scatter, including a LA point in the 2nd level in the subsoil in N848-9 W890. No clear Feat. however. Picked it up before leaving.

TPC is continuing his deep excavation in N859-60 W892. He got through the light sand and into red, compact sand that contained a relatively large piece of limonite cemented sandstone.

9-5-82

LABOR DAY - holiday

9-6-82

Weather: clear, cool in morning, high in mid-70's

Crew: full crew except VAR + ALC. VAR had car trouble + will miss all of today. ALC returns tomorrow.

Deep units. In Block 1 TPC is down nearly 2 meters + is just hitting the top of the gray Cretaceous marine clay. Above this he had red sandy clay w. some pebbles + limonite, but considerably less rock than DCB is getting in the corresponding level. Tan sand - basic beach sand - overlies this. It contains little cultural material except an occasional small pebble. A single flake came out of this layer but it undoubtedly migrated down - there was not. There were several sterile layers above it.

DEEP UNIT PROFILES

	BLOCK 3	BLOCK 1
* Humus, PZ	0-23 cm	0-18 cm
* SILTY SAND SUBSOIL 7.5YR5/6	23-80	18-98
SANDY SILT w. pebbles + small limonite 7.5YR5/6	80-92	—
Tan sand	—	99-165
Red sandy clay with quartz pebbles + cobbles + limonite frags.	92-	165-189 (fewer rocks)
Gray clay		189+
Red clay w. limonite		
Gray clay		

* contains cultural material

measurements approximate.

see official profiles for more detail

The deep unit in Block 3 is missing the thick sand layer underlying the subsoil containing the cultural material. The silty sand becomes more pebbly at the base & contains limonite frags. This directly overlies a red sandy clay with 50% limonite, quartz pebbles, & a few cobbles. The limonite lies on top of the Cretaceous marine clay, which most likely provided the base for the water table & is the site of limonite precipitation.

Block 1. TPC started a new 1x2 at N847 W888-889. He removed part of the PZ in the PM.

CJC removed level 4 & part of level 5 in N848-9 W892. Significant amounts of debitage are still turning up but less than in levels higher up.

RSL cleaned out the [illegible] in N854-3 W881 & found a [illegible] of FCR in N854. More southern unit appears to be more intact. He got some scattered FCR & quartz cores in lvs 2 in N854.

JVG finished N863-4 W892 & jumped to N867-8 W892 to continue the northward trench. She removed the PZ by the end of the day.

DXG uncovered more FCR & quartz in LV. 4 and also the edge of a possible feature. He opened up 2 more units to the east to try to fully expose this. He removed a small amount of PZ from N866 W890 by yesterday afternoon. We removed the artifact scatter, except for the possible feature, from N866-5 W891.

LJR took out most of LV. 3 in N866-5 W893 & found a total of 3 points — all stemmed, quartz — along with a scatter of limonite pieces & a small quantity of FCR.

Block. 2. No activity as VAR is absent

Block 3. DCB is taking down N829 W869 as a deep unit. Very difficult to dig. Will bring out a pick axe tommorrow.

RSL is making up lost time from last Friday by working through lunches.

I drew the profile of TPC's deep unit

9-7-88

Weather: clear, cool in AM high in mid-70's

Crew: full crew except DRB. VAR's mother is volunteering for 3 days.

DCB finished the deep unit in Block 3 penetrating through the gray clay, into

a red rocky layer + back into gray clay. I profiled it in the PM.

BLOCK 2. VAR finished picking up artifacts from Fea. 23 and started level 3/4 in her 1x3 (with her mother screening). Flake frequencies have dropped off from the preceding level but are still relatively high. A discrete cluster of limonite appeared in N931-5.

BLOCK 3. DCB opened up N863-4 W891. He removed the PZ from N863 by the end of the day.

JVG found a discrete cluster of small pieces of limonite in level 2 of N867 W892 which we gave Fea. 25. Not clear yet if it will extend into the next level.

LJR mapped and picked up her FCR scatter + 3 points from LV. 3 in N865-6 W893. Started level 4.

GXG started removing PZ + level 2 from N865-6 W890. Uncovered part of a possible feature in N866, + a large FCR, quartz artifact scatter, + a quartz stemmed point. Still needs to be cleaned up.

ALC finished taking PZ off of N857 W881 + removed all of LV. 2. Had a small FCR scatter including a part of a horneblende gneiss mano. She had a ~ 40 flks/quadrant this level, despite truncation from road building.

RSL finished level 3 in N854-3 W881. No more rocks + lower flake density than level 2. Also less flakes than ALC to the north.

CJC removed levels 6+7 from N848-9 W890, low flake density, but still significant #'s for this depth.

TPC finished removing PZ from N847 W888-9, + removed most of level 2. No rocks or FCR but a moderate # of flakes recovered.

Tyler came out this morning + I showed him around. He seemed to think that we were okay digging until the end of Sept. He thought we should quit in Block 2, + didn't think we should do anything w. publicity about the Paleo remains without the explicit approval of the RR administration.

9-8-88

Weather: clear, sunny, cool in AM, high in mid 70's.
Crew: full crew except DRB. Ronny Reigel is here today. Hector Ventura came out ~9:30.

Block 2. VAR is removing levels 4,5 in N931.5-929.5 W934. Lot of large limonite slabs are showing up. Flake density has diminished but is still significant

Block 1. TPC removed the rest of lv. 2 + most of lv. 3 today in N847 W888-9. He has a sparse scatter of FCR + not many flakes to go with it.

CJC took out lv. 8 in N848-9 W890 + only got 1 fpv in both units. She moved west + started 1x2 N848-9 W891. Removed most of the PZ by the end of the day. Nasty stuff in N848.

RSL continues removing subsoil in N854.3 W881 - using a shovel. Less flakes than ALC in corresponding levels.

ALC found a little olivolite point in lv. 3 in N856 W881. Flake density has dropped off but is still substantial.

DCB finished removing PZ from N863-4 W891 + started level 2. Found a "corner-notched" quartz point in N864 in a vertical position. About 4/5 of his flakes are also vertical. Did a green chert piece esquillee from the PZ.

GXG spent the day cleaning up level 2 in N865-6 W890, + mapping + picking up artifacts. Although a pot. feature was suspected yesterday no discrete cluster of rock materialized.

JVG removed Lv. 2 from N868 W892. This level contained only a few pieces of limonite. Fea. 25 appears to be a contained cluster of limonite.

LJR removed level 4 from N865-6 W893. No more rocks + only a few flakes. Two chert flakes turned up in this level.

Part of TPC's deep pit in Block 3 started to fall in. I worked on shoring it up this afternoon.

Ira came out this morning + I showed him around. He still doesn't know when Vento is coming out. Spent a long time asking questions that he hasn't thought about 1st, + is getting carried away with the Pa.Bo. artifacts.

9-9-88

I stayed in today to get stuff ready for the Mid-Shore ASM chapter festival on 9-11. ECW + remainder of the crew are in the field.

9-12-88

Defenders' Day. I took off but ECW + remaining crew are in the field. Dennis + Jay Custer were out in the morning, but DCC couldn't get in the safe to show Jay the point base + scraper.

I took Melanie out to show her the site in the PM. No spectacular finds. Rick Erwin was helping out for the day.

Mike Stewart called me later in the day to tell me that a light green chert was present at West Athens Hill Site in NY. I thought that was Corsackie - Mike wasn't sure. He's going to try to get out to the site sometime in the next two weeks.

9-13-88

Rain day. Everyone inside, although the "rain" wasn't significant. Bed call. VAR + ALC worked for Rick Erwin. LJR worked miscellaneous Phase I + Shoal Creek stuff + RSL cut up linoleum + put Shoal Creek stuff away. Picked up photos from Service Photo. Everyone else worked on Higgins clean-up + washing.

9-14-88

Weather clear, cool in AM, highs in low 80's. Crew: full crew except GXG who went to Pittsburgh - he has already made up the time by working through lunch. Neal came out ~ 11AM - 3PM.

Block 2. Had VAR move from here 1x3m to work on GXG's 2x2 so we can expand in Block 1.

Block 1. VAR is finding a limonite + FCR scatter in LV. 5 in N865W891. This is the only area so far with evidence of possible stratification. GXG had other rocks in LVS 2+3. VAR also had a brown jasper flk.

DCB removed lv. 4 but nothing spectacular turned up in N863-4 W891. Flk. concentration in the N end.

LJR finished up N865-6 W893 thru LV. 8 which was sterile except for a poss. limonite Flk. He started N865-6 W894 from which the P2 had been previously removed.

JVG ended up with more limonite in N868 W892 in LV. 3. This is distinct from

Fea. 25 but 2 possible feas. are also present. Fea. 26 is an FCR/limonite scatter in the center of the unit. Fea. 27 is an FCR cluster in the NW corner. JVG will expand W before going down any further in her present 1x2.

Ned removed the PZ from N867 W893. I started taking the PZ from N868 W893. JVG will take over when mapping in done

TPC is nearly finished w. N847 W888-9, removing lv. 7 - so far sterile.

CJC, in N848-9 W891, finished lv. 4. She got a few rocks but still a substantial # of flks. esp. to the N.

ALC finished level 3 which had a few FCR & small # of flks. Also removed LV. 4 & part of LV. 5. Cultural material appears to be petering out in the N in this area

RSL finished uncovering an FCR scatter in LV. 2 in N858 W879-80. He also has a large amount of flks.

9-15-88

Weather: cool in AM, high in low 80's
clear & sunny

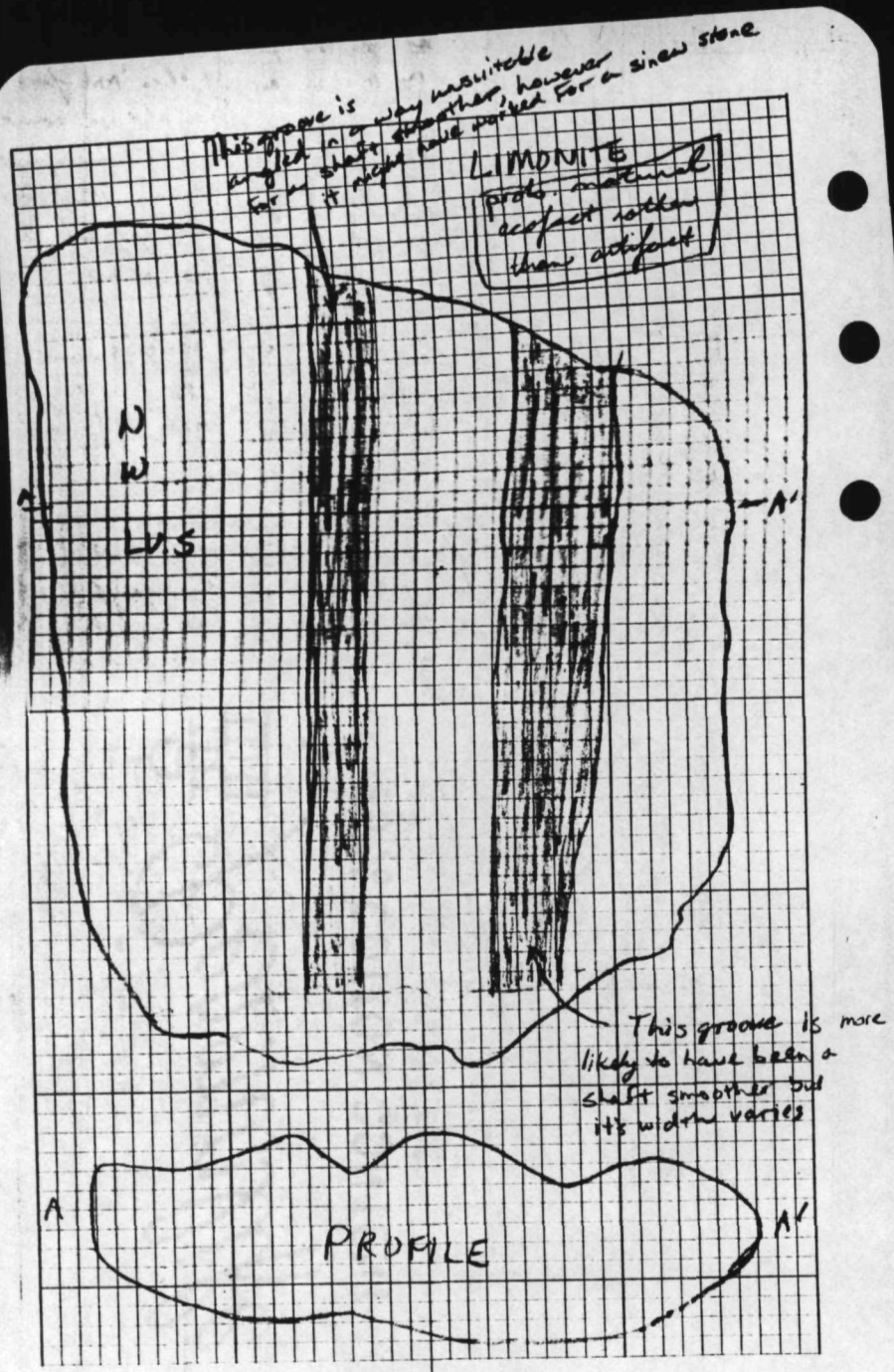
Crew: full crew except GXG, & ALC who is sick Alice Dorshow & Peaka came out this AM for about 1/2 hour. Alice brought us some banana bread for lunch & Peaka just ran around like crazy. Myron Beckenstein came out around 8:45 & stayed til 12. GXG in Pgh to take care of registration

BLOCK 1. TPC finished N847 W888-9 and I sent him up to Block 2 to start a deep unit in N931.5 W934 which VAR is finished with.

CJC is in level 6 & is now removing subsoil w. a shovel. Flk densities have significantly dropped off except in the NE corner of the 1x2. She removed part of level 7 by the end of the day - N848-9 W891.

RSL is removing LV. 3 in N858 W879-80. He has 3 large pieces of limonite in W879 & is coming up with FCR along the the W wall of W880. Flk. densities have dropped off from LV. 2 but are still fairly high.

I took out the rest of the PZ from N868 W893. JVG, ECW, & I also laid out N869 W892-3 which appears to be necessary to fully expose Fea. 27. Myron & JVG took the PZ out of N869 W893 this AM.



9-15-88		Units Started	Units Completed
BLOCK	1	105	85
BLOCK	2	18	16
BLOCK	3	52	52
		175	153

4
11
4
24
175
20
65

VAR working in GxG's 2x2, has uncovered the rest of LV. 5 but the rock scatter appears restricted to N865 W891 for the most part. Another chert piece exquillea was found this morning - this one is clearly pebble derived. A grooved piece of limonite was also recovered, but is more convincing as an ecofact than an artifact.

DCB finished removing LV. 5 in N863-4 W891. This level contained a few pieces of FCR in the N end of N864, but not so much as VAR's neighboring unit. However - DCB's level 5 is 5cm higher than GxG5/VAR's. He got a brown jasper retouched flake this morning. No points.

LJR is working on removing LV. 2 from N865-6 W894 which has some good sized rocks. He is avg. ~40 lbs. / 1x1.

GxG previously made up time by working through lunch

9-16-88

Weather: clear, cool in AM, high in mid 70's
Site is again very dry.
Crew: CAE, ECW, DCB, GxG, JVG, RSL, CJC, VAR, TPL
Both ALC + LJR are sick. RSL is leaving at 11:30 to get his car worked on. He worked through lunches to make up time.

BLOCK 1. GxG is back + started level 6 in N865-6 W891-90. He uncovered no more significant rocks but is still getting flakes. I removed the P2 from N867 W890, but also have the profile of the N wall of GxG's 2x2 before removing the bulk. This will need to be modified when GxG is done.

DCB found 2 more chert or jasper on Lev. 6 in N863-4 W891. One was green, the other gray mottled.

CJC finished N848-9 W891 + moved over N867 W892-3 which JVG previously started. She will finish this 1x2 while JVG works on N868-9 W892-3 to expose Feas. 26 + 27.

RSL continued removing subsoil from N852 W879-80. He is going very slowly. Still getting a fair # of flakes in LV's 3 + 4.

BLOCK 2. VAR is working on finishing up

N929.5 W934. + removing levels 4-5-6
Little cultural material coming out but
lots of limonite to map.

TPC is digging at N931.5 W934 for a deep
profile. He got down to ~ 1.25 meters +
never got out of the red hematite gravel.
Difficulty in digging no longer justifies the
returns, so we will stop here.

Bunches of Westinghouse people today, including
one who brought his Mother.

9-19-88

Weather: foggy in AM. High in low to mid
80's
Crew: full crew. Myron came out around
8:30 – 11:30

Block 2. VAR finished with N929.5 W934.
I did the profiles of the deep unit + also
her 2 southernmost West walls.

Block 1. ALC finished shoveling out the
lower levels in N858 W879-80 + started
N856-7 W878. She removed the PZ in
N856 by the end of the day.

RSL still removing subsoil from N852 W879-80
although little is showing up. He basically
completed these units by the end of the day.

VAR started N868-9 W891 + removed much
of the PZ by the end of the day. These units
are E of JVG + should contain alot of
cult material.

GXG went down to lv. 8 in N865-6 W891-90,
but found very little in the way of flakes in the
last 3 levels. He finished these by the end
of the day.

TPC started N863-4 W893 which includes
part of a very large pine tree. DCB cut it
down, intending it to fall W, but it fell
E across TPC's + DCB's units. It did
little damage, luckily, but will have to be
cut up to move it. TPC removed the PZ
from N864 by the end of the day

DCB went down to level 8 in N863-4
W891, finishing off that 1x2.

CJC excavated lv. 3 in N867 W892-3,
exposing a limonite scatter and a stemmed
quartz point in association w. an FCR
cluster. We gave the limonite scatter Fea.
#25A, as it is uncertain how it relates to
Fea. 25 immediately to the E. The FCR
cluster is Fea. 28, + is embedded in
LV. 4.

JVG uncovered an FCR + limonite scatter
in N869 W892 along w. a concave

base, SN point – not Otter Creek – No clear feature present however.

Called Ira last night to see about DRB's last check, & to get permission to buy a soil saver. Also talked about flotation & Vento.

9-20-88

Weather: overcast & muggy in AM. High in mid to low 80s. Partly sunny in PM

Crew: Full crew.

Vento was here 1st thing. Ira came out about 7:45, followed by Dave Brezinski & Jim Regan of MCS around 8:00. Emory Cleaves came out somewhat later. Consensus of opinion at luncheon was that the sediments are alluvial in origin and derive primarily from Stony Run & Kittery Branch. Red areas beneath the silty sand that contains gravelly pebbles & lenses are thought to be lag deposits. Vento, Brezinski & Regan think they are Pleistocene. Cleaves thinks they are earlier – Cretaceous. There is still a problem in getting the Early Woodland stuff covered. Final solution to that is more mapping and/or overflow from the gully also uncovered in Block 1.

Vento does not expect pollen to be present in significant quantities to be useful due to extreme oxidation. He will do geochemical studies on soil samples from every 5 cm in the profile of the deep pits. He will also do SEM analyses of individual grains to try to pin down their method of transport.

He also brought up blood antigen analyses. Claims that Advanis is really getting genuine data. Will think about sending a sample of paints off to him for analysis, depending on what the situation with Debbie Lenard is (Ira has still not been able to contact her).

Vento also thinks we should try to get core data from the Stony Run swamp near the Amtrak station. This probably was previously done by the RR people.

Richard Keene & Clyde Raleigh came out before noon despite our request to pick another day to visit. Gave them a short tour. They are already planning on expanding. Told them that the significance of the site has increased and that they will have a really difficult time expanding legally. They appear to be considering a back door route to expansion via private ownership.

See Esther's notes on crew activities for today.

9-21-88	Units Started	Units Completed
BLOCK 1	117	97
BLOCK 2	18	18
BLOCK 3	52	52
	187	167

11
4 2
4 2
3 1
11 7
2 2
97

cloudy in PM 7-21-77

Weather: clear, sunny, high in upper 70's

Crew: full crew. RSL late - arrived about 8:15.

Block 1. DCB finally finished the P2 in N863-4 W890, however both stumps are still largely intact & will be problematic in several succeeding levels. He just started Lv. 2 at the end of yesterday.

TPC took out lv. 2 in N863-4 W893. He also has a large stump to contend with, & spent a good deal of time removing major roots. So far, no rock scatters are present & very few flakes.

LJR is pretty much below the cultural levels in N865-6 W894. She completed about 1/2 of Lv. 6 by the afternoon. Two chert flakes came out of Lv. 5.

CJC dug out Lv. 4 around Fea. 28, but uncovered no more rocks in N867 W893 or W892.

JVG straightened out her level problems in her 2x2 by the bottom of Lv. 3 (N868-9 W892-3). Rock scatter diminished to the NW. Other rocks are still scattered around but no new features.

VAR is uncovering an extensive FCR, limonite and quartz artifact scatter in N868-9 W891. A FCR cluster, Fea. 30, is present in N868 W891 and apparently extend into N867 W891 and N867 W890. Unfortunately, a very large tree covers most of N867 W890 & we will have to leave it there.

GXG also uncovered an extensive FCR, limonite, & quartz artifact scatter in N867 W891-90. A quartz stemmed pt. is also in association. A feature is present in this 1x2 but its boundaries are not clear. For now we assigning Fea. 29 to a scatter straddling both 1x1's, but mostly in W891. Am making GXG pedestal the whole thing through Lv 3 to see if the Fea. edges become clearer.

RSL started N853-4 W878 yesterday, removing the P2 & part of level 2. So far, nothing spectacular but a moderate # of flakes.

ALC removed part of lv. 4 & part level 5 in N856-7 W878. Very little turning up & she is shoveling the levels out.

Rescued assorted wildlife - a vole, snake, & toad from the deep unit in Block 1 at the end of the day.

I took out most of the P2 in N867 W894

in the PM but left a bulk next to JVG's unit.

9-22-88

Weather: clear, sunny, high in upper 70's
Crew: full crew except CJC who is sick.
Myron came out 8:30 - 11:30.

Visited by Jan Sarpe of the State Aviation Administration this morning & I gave him a tour. He was very interested and also knowledgeable about the history of the project.

Block 1. TPC finished LV. 3 in N863-4 W893. He has significantly more debitage in the S unit. He appears to have conquered his tree stump.

DCB is still fighting w. his tree. He only made it partway through LV. 2 today. Found a proj. pt. — very reshapened Bare Island — in N864 W890.

LJR finished N865-6 W894. Lv. 7 was sterile. Did profile of the N wall which clearly shows the remnant PZ. This must pinch out in W893 for which we a missing a profile. LJR moved to N865-6 W894 from which Myron & I previously removed the PZ except for bulks adjacent to open squares.

ALC finished N856-7 W878, stopping at LV. 5 in N857 & LV. 6 in N856. This 1x2 was notably un-notable. ALC moved to N870 W892-1 & removed the PZ by the end of the day.

JVG removed LV. 4 from N868-9 W892, fully exposing Fea. 26 and revealing another 1/4? of Fea. 27, along w. additional scattered FCR.

CJC left Fea. 28 in a state of dissarray last night. I cleaned up the pedestal & collected pollen & float samples, but left the removed artifacts in the same position she had left them.

Rescinded VAR's fea. 30 as further excavation by VAR & GXG revealed it to be part of fea. 29. VAR cleaned, mapped & picked up all but her portion of Fea. 29 in N868-9 W891. GXG pedestalled all his level 2 artifacts into level 3. Concentration is greatest towards the east. Drops off west of the feature. VAR got abnormally high #'s of big shuplete flakes in N868 W891.

RSL moving very slowly in N853-4 W878. Finished taking out level 2. Moderate #'s of flakes

Man from Westinghouse stopped by today. He wants to bring a school class out. Told him it was okay as long as we were here.

9-23-88

Weather: clear, warm + humid. High in mid to upper 80's.
Crew: full crew. LJR + TPC left early, but made up hours by working through lunch several days.

I stayed in for a few hours this morning to take care of film processing + other miscellaneous chores. Got to the site just before 10. Tyler came out about 20 mins. later. I showed him around + he took a roll of B/W shots. Richard Hughes + Beth Cole of MHT should be out next Tues.

Block 1. DCB completed lv. 2 and defeated one of his stumps. He got rid of several of the large satellite roots on his major stump, but it will be present for several more days.

TPC left early today after having worked thru lunch. He completed LV. 4 finding a small scatter of FCR and a very thin quartz stemmed pt. in N863-4 W893

LJR left at noon. She finished part of LV. 2 in N867-8 W894. Not much showing up yet

CJC returned today. Picked up + bagged the rocks in Fea. 28, + removed LV. 5. Very little is turning up in these lower levels in N867 W892-3.

JVG worked on removing LV. 4 from N868-9 W893. She fully exposed Feature 27 along w. an FCR scatter. Photographed this even though the 2 northern quads were still in LV. 3, in case it got vandalized over the weekend. Fea. 27 is about 60 x 60 cm — larger than other FCR clusters we've found.

ALC took out level 2 in N87 W892-1 uncovering a dispersed limonite + FCR scatter & 2 points — both quartz expanding stem to SN w. concave bases but no grinding. Moderate # of flks.

VAR finished lv. 4 in N868-9 W891. Flk. count dropped off drastically in this level, although some rocks and a quartz ES/SN point was present.

GXG uncovered + mapped all of LV. 3 in N867 W891-0. We photographed this from several different directions. GXG then picked up everything surrounding Fea. 27 + we photographed it again. The boundaries designated for this fea. are somewhat arbitrary, including a concentration of clear FCR, but eliminating outlying limonite

& FCR.

RSL is going very slowly in N878 W854-3. He is not getting much & has started removing levels w. a shovel.

9-26-88

Weather: clear, sunny, cool in AM. High mid-low 70's.

Crew: full crew.

Al Fuchsberg came out the site this AM at about 10:00. I gave him a tour & brought him up to date on the political side of the project & told him he would need to keep an eye on this property after the project was done.

Bob Wall & Bill Barse came out around 12:30 and I gave them a tour also. Both found the alluvial hypothesis for major deposition on the site to be slightly unbelievable, but both also admit to knowing very little about geomorphology in general. They had been down to West Point earlier in the day, & thought that site was largely natural features which were being mistaken for cultural features.

DCB cut all but the tap root on his major stringer & started Lv. 3. He is getting an FCR scatter but it is hard to see if any patterning is present because of the stringer. He is getting large #'s of flakes.

CXC spent most of the day mapping feat. 29 & the surrounding area. Told him to wait to pick up the rocks until after he got back on Wed.

VAR in N868-9 W891 is starting to get limonite & 1 piece of FCR in level 6. No chert from this square yet & not many flakes in general.

ALC finished Lv. 3 & mapped & picked up her FCR & points. She got moderate quantities of flakes in both N870 W891-2, & an unusually high proportion of rhyolite in W892.

JVG picked up feat. 26 & rocks surrounding feat. 27. She is mapping feat. 27. Also took out the last two quadrants (N) in N869 W893, LV. 4.

CJC finished LV. 6 in N867 W892-3 from which she got a few flakes - mostly chert. She started Lv. 7 which includes

9-27-88

	Units Started	Units Completed
BLOCK 1	122	103
BLOCK 2	18	18
BLOCK 3	52	52
	192	173

Features - 29 of which 3 are trees
(II + III)

9-27-88

Minimum # of Diagnostic Pts. Recovered - 83

Quartzite (3)	Quartz (63)	Rhyolite (17)
III	IIII IIII IIII	IIII IIII IIII
	IIII IIII IIII	II
	IIII IIII IIII	
	IIII IIII IIII	
	III	

III only

Pestles	3	Mercry Creek	
Metate	- 1	Selden Island	
Shaft smoother	- 1	Soapstone	1
Chert scrapers	- 4		

the mottled zone above the light, friable sand in the deep profile.

LJR took out Lv. 2 in N867-8 W894. He got a quartz CS pt. + very light FCR scatter.

TPC finished LV. 4 in N863-4 W893 + mapped + picked up his artifacts.

RSL completed N853-4 W878. Started him on a new 1xx in N862 W893. He just got elevations by the end of the day.

9-27-88

Weather: clear, sunny, cool in AM, high in mid-upper 70's

Crew: full crew except GXG. Myron Beckenstein came out around 8:30-11:30. Ned came out around 10:00-3:00.

Zoo day. Tyler, Ira, Weaver, Cleaves, Reger, + Glaser of MGS came out this morning around 9:30. They were followed shortly thereafter by Richard Hughes, Beth Cole, + Ethel Eaton of the Trust.

Geologists argued among themselves for awhile, finally reversing all their previous positions. The scenario now is that most of cultural material was covered by sheet wash, + that the limonite slabs in Block 2 are probably in place natural lag deposits. Unclear who to believe but right now I have more faith in Vento.

Showed Richard, Beth, + Ethel around. They seemed impressed, + Richard said he would try to come out again on Friday. Tyler brought out the fluted point frag. + end scraper to show around. Richard was concerned that it was quartz, but appeared to accept it as a point fragment.

Ira brought out a potential fact sheet on the site for editing, which I returned to him after work. Tried to get him to not include wild guesses as facts.

Ted Payne also showed up on the site in mid-afternoon. Gave him a tour + he hung around for awhile. RSL's dad came out + RSL took him around.

Block 1. GXG's 1x2 + Fea. 29 remained untouched today while he is in Pgh. VAR in N868-9 W891 uncovered a clump of big limonite in lv. 7. Not clear if it's a feature yet.

ALC got down to lv. 5 in N870 W892-1. Moderate amount of material but nothing spectacular.

JVG continued to map Fea. 27 in N868-9 W892-3.

LJR only got out part of level 3 in N867-8 W894. She is getting very little debitage, but has some scattered FCR + a possible feature in N868.

CJC is down to Lv. 7 in N867 W892-3. Very little cultural material is turning up + she appears to have reached the mottled transitional zone between the yellowish brown silty sand + underlying lt. tan friable sand. She also has exposed limonite in this level in her north wall, but the pieces are little.

TPC removed most of level 5. He is getting less of everything in N863-4 W893.

RSL removed the P2 from N862 W893 + Lv. 2. He's not getting as much debitage as expected.

DCB finally defeated his major stump in N863-4 W890, sawing through the top root in Lv. 3. He has a dispersed FCR scatter in this level but it is hard to pick out from all the little stumplets.

Went into the office tonight to talk to Ira about his "press release", and to clear up what info we need for pollen samples, tool analyses, etc. by Seward.

9-28-88

Weather: clear, cool in AM, highs in upper 70's. Supposed to rain late PM--didn't.

Crew: full crew. Very late this morning due to monster traffic jam on 295. Started about 8:10.

Chris Buse came out this AM + I showed her around. She will investigate the missing ladder for us today.

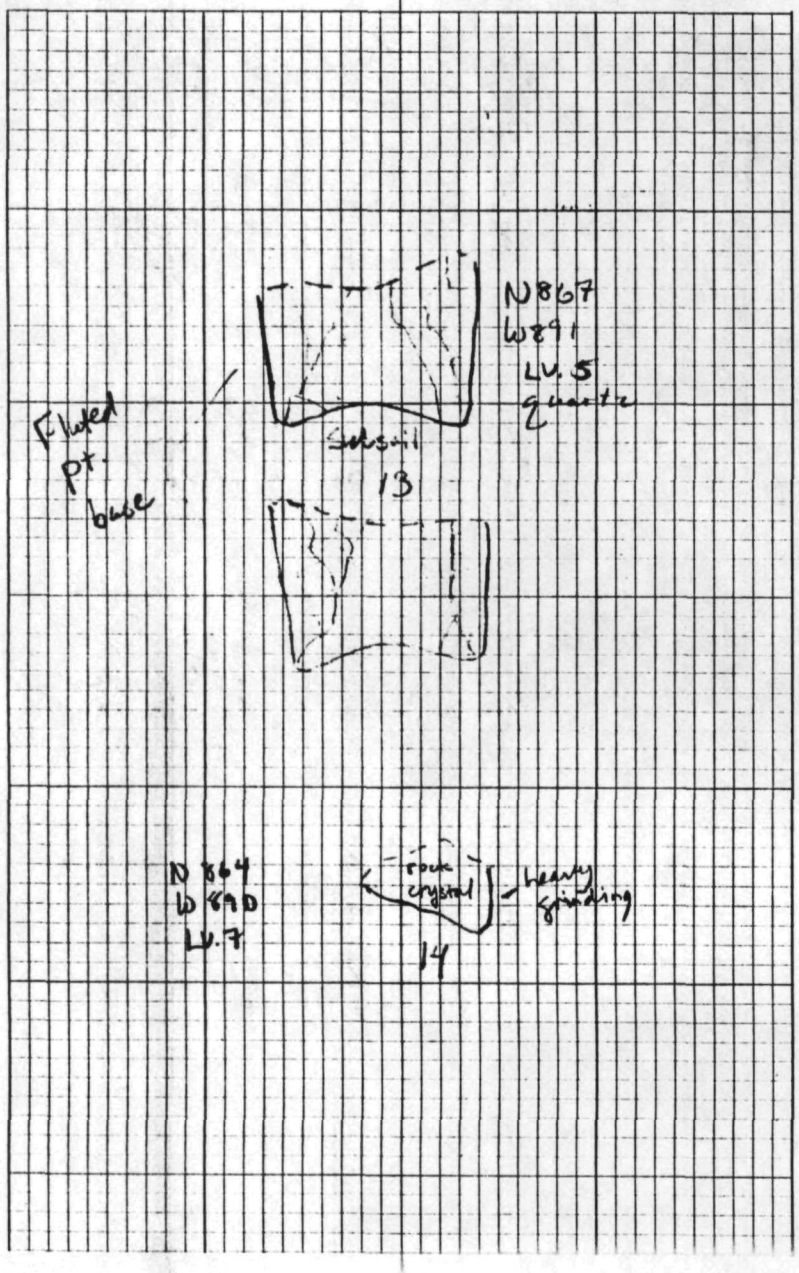
DCB started Lv. 4 in N863-4 W890, from which he got a large retouched chert flake. Photographed his FCR scatter in level 3 but it is mostly stumps + stumplets.

GXG finished picking up Fea. 29 and removed most of Lv. 4. FCR rocks were present in the pedestal. Density of flakes also decreased.

Assigned Fea. 31 to VAR's limonite in N869 W891. She started removing the S quadrants in N868 now that GXG has basically finished w. Fea. 29. These quadrants have somehow gotten to be 10 cm short in a N-S direction. Contained large rhyolite.

ALC finished most of Lv. 6 in N872 W891-2 and is not getting much of anything.

JVG picked up the top layer of Fea. 27 + found another layer of FCR underneath.



She mapped these, & collected samples by the end of the day.

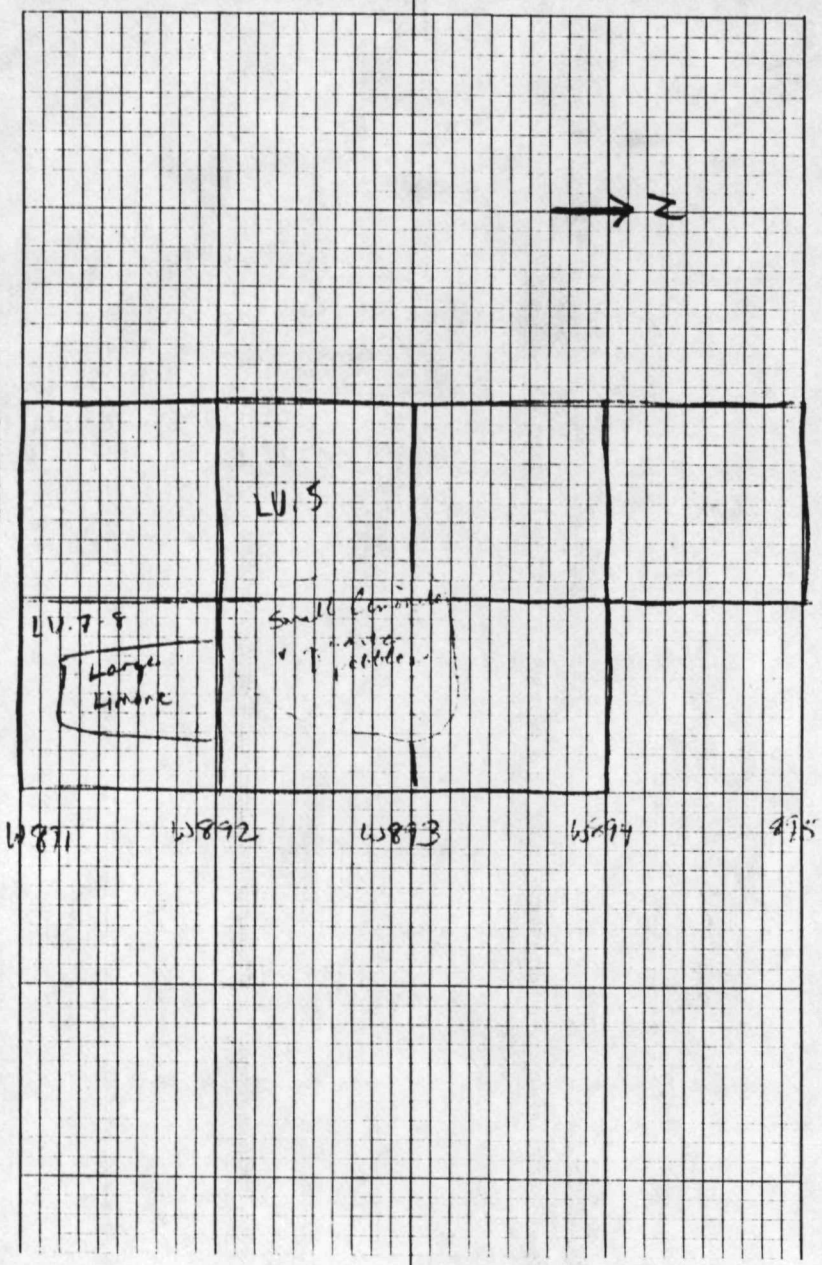
CJC finished most of LV. 8 in N867 W892-3. She got 1 jasper flake in the entire 1×2. She will finish 1st thing tomorrow.

LJR cleaned FCR scatter and we assigned Fea #30 to a small FCR cluster in N868 W894. Another small FCR cluster extends into the W wall. Not enough is exposed to determine if it really is a feature. Not much debitage. One quadrant in LV. 4 contained only 2-3 flakes.

TPC finished lv. 5 & started lv. 6. He is still getting some flakes — no chert — in N863-4 W893.

RSL had an FCR scatter in LV. 3 which we photographed. He is getting moderate amounts of flakes in LV. 3-4, in N862 W893

I started collecting soil columns samples for Vertes from Block 2. Took a lot longer than I expected it would. Need a trowel to get the red dirt out



9-29-88

Weather: overcast and cool all day
Crew: full crew. Mr. Higgins came out ~8:30-12:00. ECW left at 11AM

Block 1. DCB completed lv. 4 in N863-4 W890. Still major stumps present. Recovered some FCR + a retouched chalcedony flake.

CJC finished lv. 8 in 867 W892-3. Had her move back to N862 W892 + take out 2 more levels. These were largely sterile. There is some confusion in LV. 7. She took out levels 6, 7 which are bowl with TPC's Lvs. 7 + 8.

RSL took out Lvs. 5 + 6 in N862 W893. Both lvs. had very little debitage — no chert.

TPC removed lvs 6 + part of 7 in N863-4 W893. He is getting very little debitage + no chert.

ALC finished LV. 7 in N870 W891-2, recovering only 1 flk. Terminated the unit. ALC has appropriated N869 W892 from JVG. She removed lv. 5, exposing a lot of limonite + gravel which looks natural - maybe a gully. It trends E-W.

JVG removed lv. 5 in N868-9 W891. She exposed just a small scatter of limonite

and pebbles but it looks like more may show up in LV. 6. Has a small stemmed rhyolite point.

VAR uncovered a small FCR cluster in LVs 5 & 6 which was assigned Fea. 32. She appropriated N867 W892 from JVG & took out LV. 5, also exposing limonite & quartz gravel.

GXG found another fluted point base in N867 W891, LV. 5. This one is also quartz with 2 very obvious flutes and and basal grinding. No chert from this unit. Some quartz debitage, but not a lot.

Alison Helms came out for about 2 hrs around lunch. Showed her around. Dennis came out around 3 to see the fluted point & to deliver a memo from Ira stating his intention to start negotiating with SHA, SRA, & MHT to stay out here longer.

Called Ira after work to tell him that I agreed with him, but disagreed with his testing plan. Also suggested that we make a serious effort to have SRA build their parking up, instead of grading to get a solid base.

9-30-88

Weather: overcast, & cool

Crew: full crew. Mr. Higgins came out ~ 8:30 - 12:00. Mrs. Dorshow & Peaka also showed up & stayed for about 30 min. CJC's last day.

Next to last day in the field, as currently scheduled.

DCB working on level 5, & still wrestling w. 2 major tap roots. No fluted point from this square yet, but there is still hope.

TPC is nearly done in N863-4 W893, and is getting very little in LVs 7-8. He should finish 1st thing on Monday morning.

RSL completed N862 W893 this afternoon. Had him cut up filled trees & move backdirt to the east of the paleo area prior to expanding in this direction.

JVG, VAR & ALC are all coming off level 5 in N868-9 W892-3 and coming up w. a lot of gravel & not much cultural material. Original surface seemed to have sloped W-E, with gravel occurring higher up to the west.

CJC finished taking out additional levels in N862 W892, from which she got

very little. Had her work w. LJR in her 1x2 to get it done. LJR still going very slowly. She had limonite scattered in N868 W894.

Richard Hughes & Ira showed up ~2PM, & I showed them the second fluted point. Talked about the possibilities of getting more time and/or money to finish digging out the Paleo occupation. I strongly suggested to both Ira & Richard that we get SRA to build their parking lot up instead of grading down. Richard said he would start lobbying the support of the governor, but also sounded like the Trust would defer to the wishes of the DOT.

I finished taking the soil samples for Vento in the deep unit in Block 1, & got about 1/2 way done in Block 3.

Ira gave instructions to expand after we finish open blocks.

10-3-88

Weather: overcast & nasty. Supposed to rain. Crew: full crew. Last day for GXG & JVG. Mr. Higgins came out ~9-11:30.

I stayed in this morning to do miscellaneous office stuff - quarterly report, etc. Also took care of film. Got called by Tyler, & had a meeting w. him & Dennis about the site and our strategy over the coming weeks. Filled him in on my thoughts & Ira's plans - Ira isn't in today. TJB is planning on getting called by the SRA & SHA people today. Tyler seems much more supportive today since we found the 2nd point.

Only got out to the site at 10:30. RSL had started N865-6 W889 & they had part of the backdirt moved.

TPC finished N863-4 W893 & we started him moving backdirt for N864 W888-7. There is a lot of backdirt to move & no good place to move it close-by. Will need to bring out wheel barrows.

DCB finished level 5 & no fluted point appeared. Hope is growing dim for great things from this unit. N863-4 W890.

LJR is removing LV. 7 from N867-8 W894. Not much here.

GXG got almost 1/2 of LV. 8 out of N867 W891-0. He got a few flakes so we well need to go down some more.

ALC, VAR, & JVG are still working in trench on N868-9 W892-3. No chert, little cult. material, & it all looks very natural.

a lighter sand also occurs around the rocks in the gully in levels 6 & 7.

Steady rain started falling ~ 11. Stopped for lunch at 11:50. Still raining at 1:00, so we went in. ECW had people wash artifacts & sort soil bags. VAR + ALC worked for Rick doing drafting. I did receipts, returned phone calls, & compiled a big map showing excavation unit locations in each block. Ira was in. Asked about hiring Bill Bass to get rid of our problem trees. Decided that Friday night was the last night for the motel people that the state will pay regardless of how long the field project will last.

Ira will bring DOT newsletter reporter out tomorrow.

10-5-88

Weather: overcast + cool. Sun came out in the late afternoon

Crew: CAE, ECW, TPC, DCB, RSL, VAR, ALC, LJR

TPC moved more backdirt this morning, + finally got enough moved to lay out his next 1x2 - N866 W888-887. He removed the P2 in the W unit by the end of the day.

RSL started removing LV. 2 from N865 W889. Again, he is going very slowly. He is getting quite a bit of FCR.

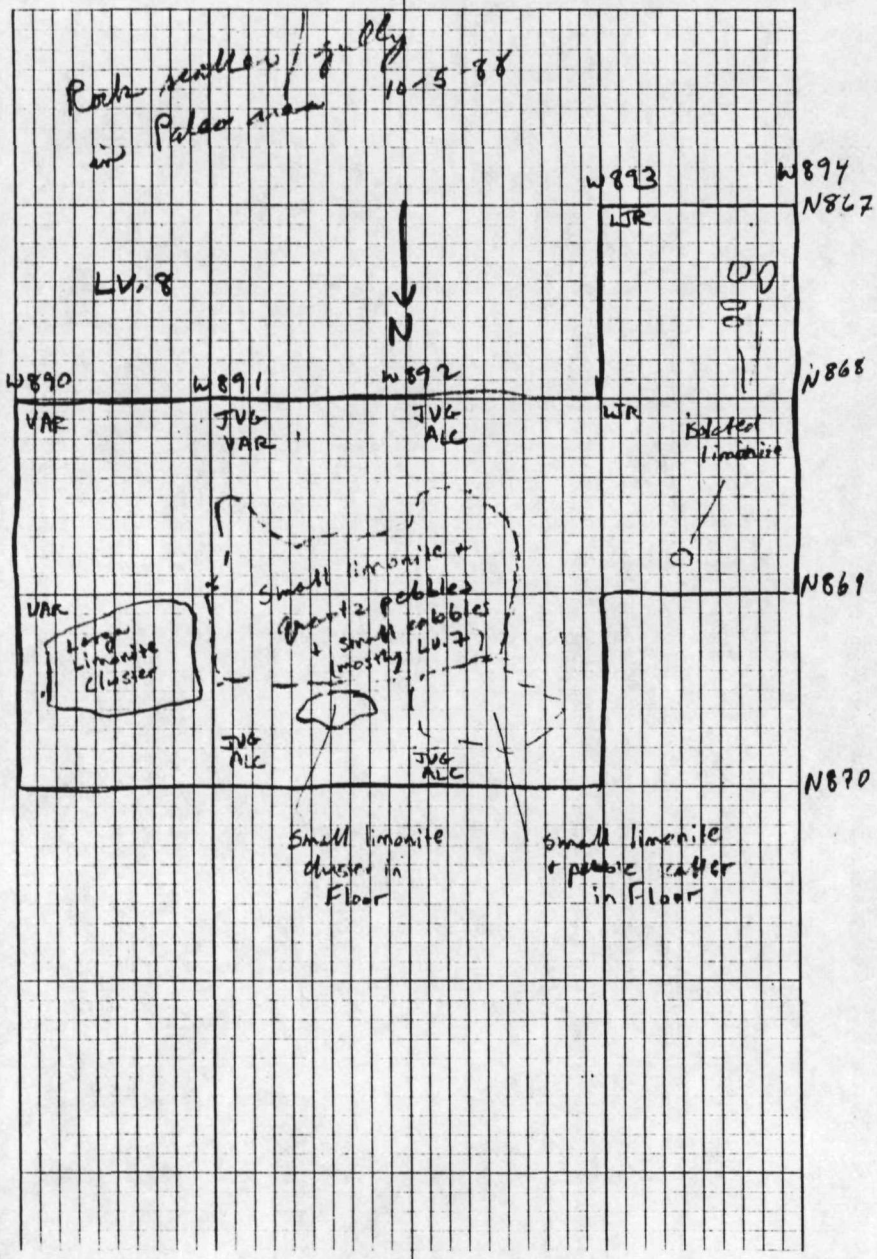
DCB finished Level 6 in N863-4 W890 + got very little. Stump still going strong.

VAR finished GXG's 1x2 (N867 W890-1) to lev. 8, and also has 2 southern quadrants in N868 W891. LV. 7 is fully exposed in N868-9 W892-1 + a clear former gully channel can be seen. There is a concentration of sand around the string of rocks. ALC is also working on this 2 x 2. The gully appears to curve SW by the time it hits LJR's units.

LJR removed LV. 8 from N867 W894 + uncovered limonite, gravel, + sand - part of the gully. She still has N868 W894 to go.

I collected the rest of soil samples for Vento from the deep unit in Block 3.

Ira brought out a very unknowledgeable "reporter" from DOT this morning. After discovering that she was not too swift, he abandoned her to me so I took her around. Had a long argument w. Ira over the non-validity of discontinuous testing to find the edge of the paleo component. He is going to start Kelly Christolon on flotation of selected samples. He will also check out tree removal people.



Missing from my toolbox 10-5-88

1	Toolbox - J.C. Penneys
1	Estwing geological pick
1	Killer trowel
1	square trowel
1	Goldblatt pointed trowel 5"
1	Marshalltown pointed trowel 5"
1 -	line level, metal
1 -	protractor + compass
1	pocket knife
6	dental picks
1 -	2 m folding ruler
1 -	extension cord
1 -	roll yellow flagging
1 -	clear ruler
1 -	grapefruit knife
1 -	knife, fork, spoon
2 -	Estwing rock chisels 1/4 - 1/2"
1 -	snake bite kit
1 -	plumb bob
1 -	metal file
1 -	5-20x folding hand lens.
2 -	nylon paint brushes 1/2", 1 1/2"
1 -	straight deck playing cards

10-5-88

Weather: clear + cool. High of 62.
Crew: CAE, ALC, RSL, DCB, TPC, VAR, LJR
ECW came out around 10:45 after starting Chisholm on flotation.
Someone broke into the van last night + stole the chain saw, my tool box, VAR's tool box, + DCB/DRB's tool box. VAR had some forms in her tool box, but all can be re-done.

LJR finished N867-8 W894 - she got some large limonite in W.8 which may be related to the gully feature. She started N866 W886-5 which is located totally in the fire road.

ALC + VAR went down to LV. 8 around the gully feature. It still looks natural but the smell makes abruptly end in N869 W893. Presumably this was a deeper portion of the channel. VAR in N867-8 W891 took their units through LV. 8 + partly into level 9. There are still some flakes in LV. 9 + these must be more deeply buried due to the proximity of the gully.

RSL got 2 quartz stemmed pts. + one FCR scatter in LV. 2 in N865-6 W887. TPC finished removing PZ in her 1x2 + started on LV. 2 - N866 W888-7.

DCB got a very small partial basal frag. of a pt. in LV. 7 made of crystal quartz. Could be paleo, but is too little to tell.

ECW: I moved backdirt all day + I did my back in.

Tues 10-6-88

Weather: clear, downright cold. High in upper 30's
Crew: full crew. I went in at noon to take care of photos + meet w. Ike, Tyler, + Dennis over strategy.

RSL finished LV. 2 in N865-6 W887 + we photographed it. He mapped + picked up most of the artifacts + just started LV. 3

LJR worked on the PZ in N866 W886-5. She has a pretty clean heavy equipment track in W885.

DCB completed level 7 but did not find the rest of the pt. Very little debitage is coming up in this level, esp. to the S.

ALC finished her units in the open block. We laid out a 1x2 parallel to TPC's at N865 W888-7. She removed part of the PZ.

TPC still working on PZ in N866 W888-7

VAR started working on LV. 12 in N867-8 W891.

Meeting results: We agreed to put 1/2 our efforts into expansion off the open block adj. to units known to contain Paleo stuff, + 1/2 into trenching E. Tyler said that Cynthia had called him saying that the DOT reporter had been impressed w. the site.

Ira unbeguemently agreed to give me bodies for backfilling until Sprinkle's bridge replacement starts. He also figured that we can do 28 additional sq. meters + still stay within the budget. I gave him data on field hours expended by individuals so far.

10-7-88

Weather: clear, cold in AM although it warmed up some in PM.

Crew: full crew except VAR who went to PGH. Plus Nozick, Rosenthal, Kirkpatrick, + Burley to backfill

I stayed in in the AM to get soil data ready for Vertor. Ira will deliver samples this weekend since he is traveling out to W.PA anyway. Also picked out photos to get printed for media + our use + got them over to Service Photo. Met w. Ira, Chris, + Rick about the "artifact scatter" vs. "site" issue, + testing of 19th early 20th century Historic sites.

ECW has site meter for today. I got out there ~ 2:15 Everybody but ALC is going painfully slow. I spread the news that we would be out thru the end of Oct.

Bill Rose will cut down our tree on Monday. Wayne Clark will visit on Monday

10-10-88

Weather: clear, cold in AM, highs in upper 60's.

Crew: full crew + Nozick, Burley + Rosenthal to backfill. Kirkpatrick didn't get message to return to the field

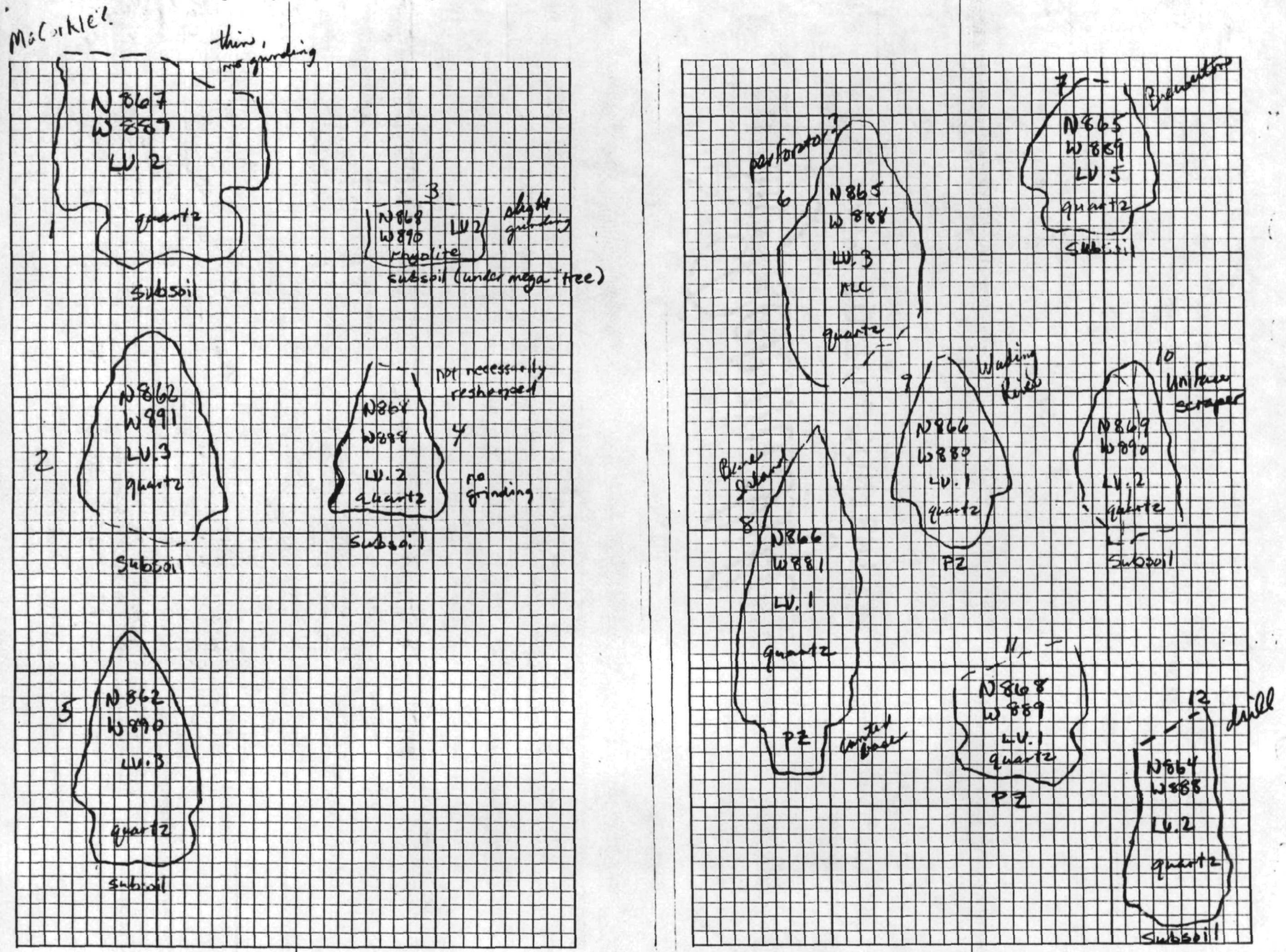
Backfillers finished Block 3 area except for the deep pits. They started on Block 2. ECW + I did a big chunk of Block 1 along the Perdrow trench east of the fire road

Bill Rose came out in the PM + took down the large tree in N867 W889. He was successful in making it fall to the NE. He + DCB cut it up + moved the pieces out of the way.

Wayne Clark came out during the tree removal process. I gave him the tour - he was one of the more interested parties out here. He has tapes of the prior landowners out here describing the house + buildings previously on this property, which he described as substantial stone structures

DCB started N863-4 W889, removing the P2. He got an unexpectedly high quantity of flakes in this level.

RSL uncovered a fairly dense scatter of FCR in LV 3 in N865-6 W889. Had him start mapping it prior to full exposure in case


McCorkle?
thin, no grinding
N867
W887
LV 2
quartz
1
subsoil
3
N868
W890
LV2
rhyolite
slight grinding
subsoil (under mega-tree)
N862
W891
LV.3
quartz
2
subsoil
not necessarily reshaped
N868
W888
LV.2
quartz
4
no grinding
subsoil
5
N862
W890
LV.3
quartz
subsoil
perforator?
6
N865
W888
LV.3
ALC
quartz
7
Brewerton
N865
W889
LV 5
quartz
subsoil
Wading River
9
N866
W880
LV.1
quartz
PZ
10
Uniface scraper
N869
W890
LV.2
quartz
subsoil
Bone Island
8
N866
W881
LV.1
quartz
PZ
canted base
11
N868
W889
LV.1
quartz
PZ
12
drill
N864
W888
LV.2
quartz
subsoil

the tree came down on it. RSL being excessively slow.

ALC had a moderate scatter of FCR + a quarty perforator in N865 W888-7 which we mapped + photographed. She is the only one still moving at a reasonable speed.

TPC is going very slowly. He got just a few scattered pieces of FCR, etc. in LVs. 2 + 3 + must be on the edge of the major scatter.

LJR has been getting very little in general in N866 W886-5. This unit appears to be an empty space between denser artifact concentrations to the E + W.

VAR finished her units in the paleo area area + moved to N866 W884-3. Josh took off the PZ. VAR removed part of LV. 2, uncovering a plowscar (in the fire road) + part of a possible feature in the SE corner of her 1+2. Told her she could open N866 W882 to see if it is real.

10-11-88 + 10-12-88

ECW + crew working. I have off. DCB leaves for CO for 10 days in the PM on 10-12-88.

10-13-88

Weather: clear + cold. High in low 50's

Crew: ECW has off 10-13 + 10-14.
CAE, ALC, RSL, TPC, LJR, VAR.
Backfillers JEN, DLK, DJR, MRB.

Everybody late this morning. Backfilling is all done as far as it can go + the peons tell me they will be out here for 2 weeks. Need to call Ira this morning.

Started JEN + MRB on N866 W881 + 880 which starts right on the fire road berm and continues eastward.

Started DLK + DJR on N862 W891-90. Both have roots from ~6" diam trees to contend w.

ALC finished N865 W888-7 after going down to LV. 8. Lvs. 6, 7 + 8 were largely sterile. She started N868-9 W890 which has the remains of Fea. 29 + the very large pine tree stumps.

RSL finished LV. 4 + started LV. 5 in N863-4 W889. He got a preweston pt in LV. 5, although the debitage frequency has really dropped off in this level.

TPC finished LV. 5 + got half of LV. 6 out of N866 W888-7. He is getting very little.

LJK profile

A	10YR 3/2	very compact silty sand	- road surface
B	7.5YR 4/6	" "	
C	10YR 6/6 90%	loose silty sand	mottled
	7.5YR 5/8 10%	loose silty sand	

10-13-88

	Units Started	Units Completed
BLOCK 1	141	124
BLOCK 2	18	18
BLOCK 3	52	52
	211	194

17 in progress

LJR in N866 W886-5 is taking out LV. 6. She is also getting very little. The mottled zone above the sand is just showing at the bottom of this level.

VAR removed LV. 3 from N866 W884-882. She had a slight scatter of FCR, a biface, + a hammerstone. Debitage decreased but was still substantial.

Iris came out around 2:30. We decided to trade Kelly Chisholm for VAR. Kelly will be out tomorrow; VAR will go in after she finishes her 1x3. Nogich + Kirkpatrick will stay out. Bunley + Rosenthal will go back in.

I finished DCB's forms for LV. 3 in N863-4 W889 + got elevations + artifact counts.

10-14-88

Weather: cold in AM, High in mid 60's. Clear.
Crew: CAE, ALC, RSL, TPC, VAR, LJR, KKC, JEN, DLK

ECW still on vacation. DLK, JEN + KKC are more or less permanent new crew. JEN is continuing in N866 W881-80 that he + MRB started yesterday. This 1x2 has some very deep "plowcuts" which may really be heavy equipment gouging during fire road construction.

I had Kelly help ALC in N868-9 W890 in the AM to get the rest of the P2 out from around the mega-tree. In the PM, I started Kelly on DCB's abandoned unit - N863-4 W889. She started LV. 4.

DLK finished the P2 in N862 W891-0, + started LV. 2. So far, he has only flakes.

ALC got level 2 out of N869 W890. I worked on some of the tree roots but most will be there for awhile.

RSL took out the rest of LV. 5 + half of LV. 6. The artifact density has dropped off + no features have appeared so far. I profiled exposed N wall.

TPC finished N866 W888-7 at LV. 7. Both 6 + 7 were sterile. He profiled the N wall which contains convoluted upper layers from fire road construction. He started N867-8 W889. This unit contains both stamped down backdirt + a spoil pile, + the "original" surface is hard to detect.

LJR finished N866 W886-5 at LV. 7 and just completed the N wall profile by the end of the day. LV. 7 was almost fully in the loose sand zone. LV. 6 + 7 were largely sterile.

VAR took out LV. 4 in all 3 units in N866 W884-2. Not much found, although

a fair amount of debitage is still present.

Mr. Romano, from Westinghouse, brought us a gallon of apple cider today!! A new group of Westinghouse visitors also stopped by today + stayed awhile.

10-17-88

Weather: Clear, cool in AM, high in low 70's
Crew: CAE, ALC, RSL, TPC, KKC, DLK, LJR, VAR, JEN. Ned came out ~ 10 AM – 2:30 PM

LJR started N863-4 W888 this morning. She removed all the PZ although she was slowed down by a small oak tree.

TPC continued to remove PZ from N867-8 W889. He has a twin oak in the S 1x1 + another from the mega-tree in the N 1x1. This unit contains much more backdirt on the "surface" than expected. We didn't excavate it. Ned helped w. tree root removal.

ALC removed LV.3 from N868-9 W890. Had Ned work on the tree roots with her. He got a lot off, but finally gave up until a few more levels are removed. ALC is getting a good FCR scatter in LV.3

RSL finished LV.6 which had ~3 flks. over the whole 1x2 (N865-6 W889). He is removing LV.7 part w. shovel + part w. trowel. All the flakes were found in the S 1x1.

KKC is still working on LV.4 in DCB's 1x2, N863-4 W889. She is getting a slight scatter of FCR. Still has a # of roots.

DLK removed most of LV.2 in N862 W891-0. He got lots of quartz debitage but not much rock. He took out his oak tree.

VAR finished LV.5 + took out LV.6 w. a shovel. The mottled sand is clearly present in this level. With the exception of 2 quads on the N side in N866 W884-3, these levels have been sterile.

JEN removed LV.2 and uncovered a hammerstone + 2 pieces of FCR in N866 W881-880. He has a lot of quartz debitage, esp. in the E unit. LV.2 has a curved floor, partly as a result of gouging of the subsoil by heavy equipment during fire road construction. Heavy tree roots in the SE corner of the 1x2 also complicate this. I drew an arbitrary line in his walls that cuts through the gouges to measure his LV.3 depths from.

This is the 1st day that fall colors were really noticeable on the site. The oak + birch trees are rapidly turning.

ECW was supposed to be back today but didn't appear. Dennis came out around 3 & said the trains were delayed because of a derailment. Hopefully she will be back tomorrow. Showed Dennis the gully.

Gary Shaffer, Rob Jacoby & some crewbies from Louis Berger & assoc. stopped by in the late afternoon. I showed them around although most of the site is now backfilled.

10-18-88

Weather: overcast, cool in AM, high in low 40's, T-storms predicted for PM

Crew: CAE, RSL, ALC, DLK, LJR, TPC, VAR, JEN
ECW

ECW returned this morning. KKC is sick & may return tomorrow.

ECW & I laid out 3 more 1x2's, although only RSL is close to finishing. VAR will complete her 1x3 today, but will return to MGS to do drafting.

I went back to MGS at 10:30 to catch up on photos & other miscellaneous office chores. Rain forced the rest of the crew in around noon.

See ECW for field notes.

10-19-88

Weather: partly cloudy, cold in AM, high in low 60's

I stayed in yesterday to attend MGS, SHA, SRA meeting at which the SRA was told that we would finish excavation within the fieldwork budget & that there would be no problem with their project area. Suggested again that they build their parking lot up instead of grading, & re-emphasized that we will strongly recommend that the rest of the site never be developed.

See ECW's notes for field activities.

Someone slightly vandalized LJR's unit on Tues. afternoon or evening. Some FCR was pulled out of place and a wall dug into. A quartz biface fragment & large decortication flake was stolen.

10-20-88

Weather: partly cloudy & cold all day. High in low 50's.

Crew: CAE, ECW, ALC, RSL, DLK, KKC, LJR, TPC
Nozicka is sick

RSL made very slow progress yesterday, removing only the P2 even though NCS screened for him most of the day. Today he got out LV. 2 in N865-6 W895. He is getting low to moderate #'s of flks, but very few rocks.

DLK finished removing 2 grades of LV. 3 in N862 W891-90 + spent all the rest of the day mapping + cleaning up this level.

KKC is taking out LV. 5 in DCB's old unit N863-4 W889. She is getting a small amount of debitage, less than LV. 4, + still no chert.

LJR took out most of LV. 3 in N863-4 W889, after picking up remaining artifacts from LV. 2. Nasty oak tree is still presenting problems in S unit.

I took out the F2 in N862 W889-888 this morning. Found a possible MC shard - it needs a look.

ALC is still fighting w. the mega-tree but the unit is progressing well. She took out LV. 4, + mapped + picked up the lower remnants of Feat. 29. Now she is working on roots + cleaning out some formerly inaccessible places in the tree's innards.

TPC exposed a considerable rock scatter in LV. 2 in N867-8 W889. Scatter also contained a very thin, gnarly, McLoskie-looking pt. frag., but it is very large + has no grinding - and it shouldn't be in LV. 2. He got about 1/4 of LV. 3 out today. Some of his large rocks may turn out to be part of a feature in this LV.

I noticed today that some distinct layering appears in the S wall of the N866 trench. It seems to have become more apparent with prolonged exposure. The layering appears as distinct but irregular lines of highly oxidized material in the sand. The irregularity is what produced the highly mottled horizontal surfaces during excavation. The linear patterning is less apparent in the N wall of the trench. It appears to restricted to road area, beginning in LJR's N866 W886-5. It should end in JEN's N866 W881-880. Possibly it is the result of differential precipitation of iron from ground water as a result of compaction. It may be that after the parking lot of the SRA building has been built, that false "stratigraphy" will develop on the site in similar compacted areas. This patterning, however, did not appear in the Dinshaw trench to the S.

35 mm camera died this afternoon. The light meter has been acting funny for a few days so it probably needs new batteries. Odd that the non-functioning of the light meter would prevent the shutter release.

10-21-88

	Units Started	Units Completed
BLOCK 1	149	133
BLOCK 2	18	18
BLOCK 3	52	52
	219	203

+ 2 anticipated

221 TOTAL for site

Recheck

31
12
40
52
14
149
16
133

10-21-88

Weather: overcast w. 100% chance of rain predicted, cool in AM, high in low 50's

Crew: CAE, ECW, ALC, RSL, JEN, TPC, LJR, DLK, KKC

Bought 2 new batteries for the camera last night but it didn't solve the problem. Shutter release still doesn't work, even w. the film removed.

ECW + I shoveled some more backdirt + laid in N867-8 W888 directly E + parallel to TPC. I started removing P2 from N868 W888. It started raining around 10:30 AM so we went into the lab.

LJR wanted off till next Wed. to get her car fixed. I told her she could take Monday off - but no more.

DLK found 2 quartz points, both LA in LV.4 of N862 W891-90. There is still a moderate # of flakes but little other rock.

KKC finished exposing LV.5 + pedestaled about 5-6 pieces of limonite. Still a fair # of flakes - no chert. N863-4 W887

LJR finished LV.3 in N863-4 W888 + started 2 quads in LV.4. Debitage is still plentiful.

TPC has a lot of FCR + large quartz flakes in LV.3. His large rocks, however, do not

appear to be a Feature. N867.8 W889.

ALC removed a number of large root sections from the mega-tree, & took out part of LV.5 in N869W890. Not much debitage present.

RSL took out half of LV.3 in N865-66 & exposed a moderate FCR scatter, much more than I expected from this unit. He is getting moderate amounts of debitage.

JEN started LV.4 in N866 W881. Debitage has really dropped off.

Called Service Photo about having the camera cleaned. Will cost about $50-70

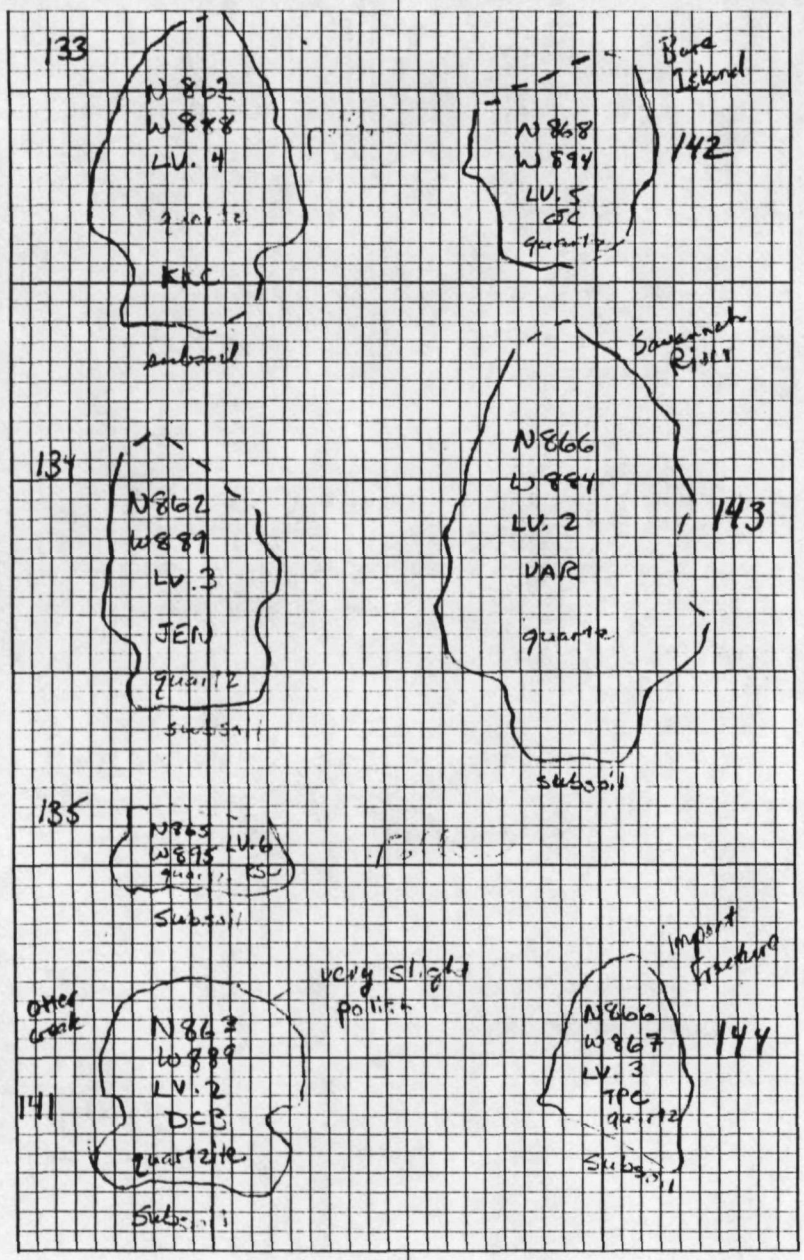
10-24-88

Weather: heavy rain in AM. We stayed in the lab until it cleared up. Left for the field at 12:30

Crew: CAE, ECW, ALC, DCB, TPC, JEN, KKC, DLK. LJR in Pgh personally. RSL returning late from PA.

Took camera to Service Photo & discovered that the batteries I got in Reistertown were dead & half-dead, respectively. They put in fresh batteries & manually unstuck the shutter – now the camera works fine.

Arrived at site about 1 PM. RSL showed up ~ 1:55.



10-25-88

I stayed in to sort out points & decide which artifacts will go for blood residue, & which will go for residue analysis by Stewart. She will start this Friday.

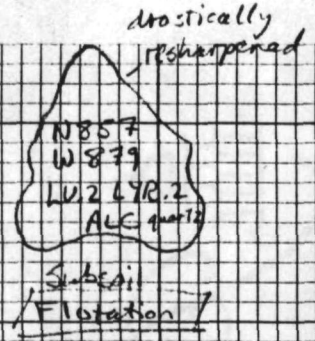
See ECW's field notes.

10-26-88

ECW & I are both inside today to take a CPR course. We left the place by themselves, with some misgivings, as that TPC, LJR, & DLK would finish before they leave for Utah. ALC is in charge.

10-27-88

I stayed in today to get samples ready for Debbie Jenkins who will start tomorrow. Called WBAL since news release came out. I went out ~ 12 & made everyone clear the plastic, soda, etc out of the center of the block. Rich Hollenden & crew came out at 1:30 for Channel 11 interview. Dennis came out ~ 1:45. Tyler



couldn't make it. Went back in after interview to finish pulling stuff for Steward.

10-28-88

Stayed in to meet w. DeBlic. Am continuing to sort samples. Crew came in at noon due to rain. Chaos.

10-31-88

Stayed in. Kept DCB + ALC in to to go through bags + find artifacts. Last day in field for excavating

11-4-88

Everybody out to backfill. We got done about 3:00

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