12-7
12-20 > 69.4 1

HIGGINS SITE
18 AN 489

FIELD NOTES 7-11-88 — 11-10-88

TOPOGRAPHIC NOTES AND
SITE ELEVATIONS -

Esther C. White
MGS

10 FIELD CREW

1. Richard Scott Lee	RSL 596-5402
2. Allison Cooper	ALC 366-2044
3. Dan Robert Bilderback	DRB 563-5310
4. Web Parshaw	WBD 747-8854
5. Veronica Riegal	VAR
6. Jennifer Gumer	JVG
7. Tim Curry	TPC
8. Debbie Greist 676-6257 734-6726	DLG
9. Dave Bibler	D B
10. Lisa Rodriguez	LJR
11. Chris Civello	CJC

Carol Elright (o) 554-5538
(h) 833-6820

Lia Beckerman (o)
(h) 235-5748
(Penn) (717) 774 6261

CC# 611 143 1175 5652

Van from U-Save Auto Rental
2303 N Howard St.
"Baltimore Car & Truck Rental"
467-2900
Vehicle # 1226

12 Gary Guan	GXG
Kelly 547-7309	KKC
Josh 235-6625	JEN
Dave	DLK

FUND UNIT 01.11 Reimb
Prog. Proj. .007.002

Stake 18+00
Elevation on top of square stake
between units 2 & 3
92.56 ft. msl. system
2.8.21

Agency Code
30.01.11.007.002.04.01

- Pull diagnostics when washing
- Save (in field) some diagnostics for future blood residue
- trace diagnostics in field & label with prov.
- Shake <u>all</u> flakes out of bags
- After dry sort artifacts by FCR, flakes, tools, points
- loss damage shelf in supply room
- After wash sort & place in clear bags put these back into brown bags with prov., rubband & store
- Bags

Ziplock	twist tie
3×4	3½ × 5½
6×6	4 × 12
5×8	6 × 15

Piece plot tools and CSPP – leave mapped rocks in place to check pattern

1 m unit divided to 50 cm units = 1 form bag ea 50 cm unit discreetly

Meas from ground surface for 1st layer

layer & level always recorded on everything

Unit form ea level of 1m unit

Record plow scars

Bottom elevations for piece plotted items

pebble water worn less than 1"
gravel not " " " " "
cobble greater than 1"

1 m unit into

NW	NE
SW	SE

Designate with N & W coordinate at SW corner of unit

Phase II

Unit 1 FCR, Ax, pts

2 Limonite shelter
pts, 4 FCR feas

3 heath, flakes, pts

4 No Sub

5 1 CSPP, 9 CSPP-PZ

6 Pts

7 fea?

6 Acre site

1900-25 plowed

7-11 Monday - Arrived Site @ 9:30.
Walked around Site while DRB & A
Cleared Unit Area. RSL, WBD, & I set
up transit and began putting stakes in
the project area - Put in W900 line
and then N900 line
After lunch we put in the N885 line
and the N870 line, while Clearing
continued. Survey was slow due to
obstacles with trees, chainsaw problems etc.

N858 W890
bags from 8/9 marked
level 4/2 are 6/2

N847 W889 - bags dated
9/7-9-12 are labeled
N848 W889, [illegible] TPC

N847 W888 bags from
9-7-9-12 are labeled
N848 W888 TPC

N868 W893 from 9/20
are labeled N858 W893 JVG

N869 W892 from 9/20
are labeled N859 W892 JVG

7-12 Tues - Arrived at site @ 8:40. Steady rain (continued to 10:00) was factor in decision not to map.

Finished cleaning Unit 3 Area. DRB fixed ax while WBD did maintenance on the chain saw.

Set up transit and continued setting in pins. Put in N855 line before lunch. AIC & DRB cleared brush at Unit 1 area - N855 W890

New yellow jacket nest found in Unit 3 by RSL. Flagged.

Woods wet from rain last night will see about topo after lunch but most likely will wait til Wed.

AIC leaves at 3:30 - dentist appt -
→ Rented van has no rear view mirror.

After lunch finished cleaning Unit 1. Set transit up to put stakes along N840 line - large tree between N840 W900 and N840 W885 so this line was aborted for moment - Put stakes in on N825 & N810 lines. No stake at N825 W840 because of lg tree - this stake is off on the grassy area so I decided it's not crucial & can be set in if needed -

Went back to N840 line & shot in N840 W855 from N900 W855 and then set in rest of line from that point.

Rain off and on all day.

18.3
13.3
5 meters free road

7-13 Wed. Beautiful day. Topo map started. WBD mapping, ALC with stadia, DRB & RSL clearing w/ new machetes. Points mapped:

Transit Position		Datum	
N900	W900	N960	W900
N900	W885	N900	W885
N900	W870	N900	W870
N885	W915	N885	W900
N870	W915	N885	W915
N855	W915	N855	W915
N840	W930	N855	W930
N825	W930	Same	as TP
N810	W930	"	"
N795	W930	"	"
N780	W930	"	"

Carol out in PM, DRB & CE cleared paths to shoot elevations during excavation

Pick up ALC, RSL checks
Put gas in Van

7-14 Thurs. got checks, continued topo map,.

transit pt.		datum pt	
N765	W930	same as TP	
N750	"	"	
N735	"	"	
N720	"	"	
N705	"	"	
N 690	"	"	
N 675	"	"	
N660	"	"	
N645	W960	N660	W960
N 615	W975	N 645	W975
N 690	W 990	N 645	W990
N 765	W 990	N 720	W 990

Problems were encountered as we went SW (the southern end of site) following historic road down was also tough. Transit set up and datum shooting was slow - could not set up downslope and shoot up slope more than 10 m because height of transit too tall. Crew was energetic and patient.

Followed hist. rd it goes to RR forks and 1 branch goes across river while other follows tracks and connects with fire road.

Quit at 4:15. Allison drove back & stored transit.

N858 W890
layer 2 level 4

quartz

7-15 Fri. Orientation 10, office doing logistics -
7·18 – 7·22 off

→ 7·25 MONDAY sunny & hot, first day back after week Excavations began 7·18 and are in progress.

Unit 1 WBD, JVG, TPC, DLG
Unit 2 RSL, GXG, CIC LWR
Unit 3 ALC, DRB, VAR, DCB

Assigned to Unit 1,2 -

JVG cleaned N858 W890 layer 2 lev 4. 1 concave quartz frag base. FCR, photo, map, elev, 1 Biface quartz,
TPC excavated N856 W892 lev layer —
WBD " N855 W890 layer 3 lev 4, nothing pedestaled, 1 scraper bagged
DLG N858 W892 level 4 layer 2, FCR, 1 cor quartz, photo, map, elev.
WBD / D B N 856 W890 layer 3 level 4, nothing pedestaled.
All squares are finding flakes, small flakes, FCR,

Unit 2
RSL elevations N930.5 W928 Lvl 6 lyr 3 mapped removed rocks -
GXG N929 S W928

→ 7-26 TUES H1 1.565, Cloudy, 90's, Afternoon TS's

GXG N929.5 W928 Lu 8 lyr 3 cleaning for photo, in S 1/2 soil turns red Munseled the bottom of sq. 10R 4/8 red clayey sand, 5yr 5/6 yellowish red sand.

LJR N928.5 W929 Fea 9 lu 5 lyr 3 finished taking out FCR and limonite, continued sq down to lu 5 lyr 3.

CJC N928.5 W930 lu 5 lyr 3, continued SE quad, began NE quad, difficult to excav. around rocks; limonite conc.

RSL N930.5 W928 lu 7 layer 3 cleaned unit mapped rock, took pollen sample from pedestal

JVG N858 W890 level 5 layer 2 rocks & artifacts have disappeared in SW quad,

DLG N857 W892, lu 4 lyr 3, 1 FCR in NE quad just starting sq, limonite

WBD N855 W890 lu 5 ly3, N856 W890 lu5 lyr 3 continue taking down both sqs, very few artifacts, 1g FCR in SW quad N855 W890

TPC N856 W892 lu 5 ly 3 continue sq, few artifacts, on last wl, possible qtz bipolar core in NW quad, & one FCR in NW quad,

WBD continues to find things in SE quad of N855 W890 around stump - root action perhaps brought these things down 1 quartz cspp base very light bifacial working but good unifacial,

W 928 Line

N→
1-1

N929.5 1v8→	N930	N930.5 1v7→	N931	N931.5
10R 4/8	2.5yr 4/8	5yr 5/6	7.5yr 5/8	7.5 yr 6/8

Munsells at base of N929.5 W928 – N930.5 W928 lv.8 lyr 3, lv7 lyr 3 taken along W928 line

N929.5 10R 4/8 Red clayey sand

N930 2.5yr 4/8 Red clayey sand

N930.5 5yr 5/6 yellowish red clayey sand

N931 7.5yr 5/8 strong brown fine sand

N931.5 7.5yr 6/8 reddish yellow fine sand

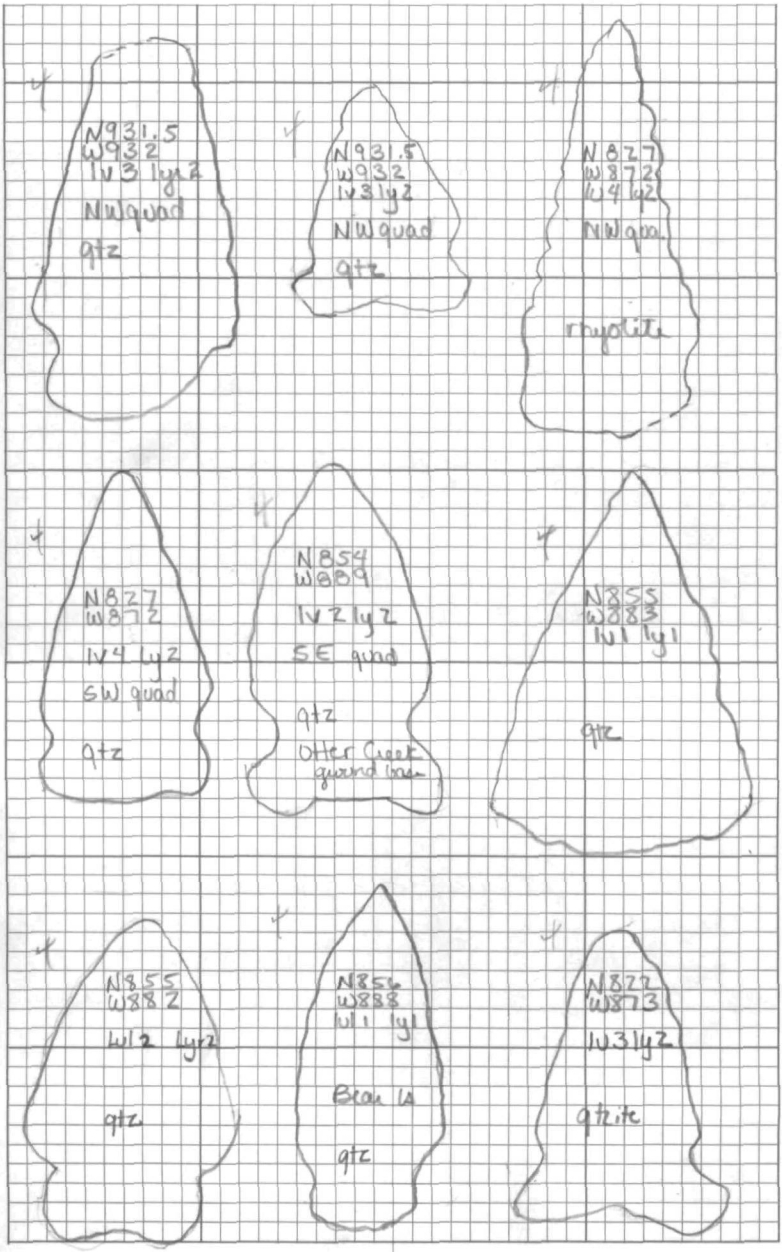
WR profiled E wall of N928.5 W929 before GXG began exc of N W

UVG finished N858 W890 began N857 W890.

Carol decided to begin excavating PZ as one level so now lv1 lyr1 is PZ and lv2 lyr2 is top of subsoil.

Also start pollen samples from pedestals in gt bags. No mixing of pedestals of cult. & noncult material and all labeled - Otherwise pollen samples from soil samples.

RR Administ. man out


N931.5
W932
lv3 lyr2
NW quad
qtz
N931.5
W932
lv3 ly2
NW quad
qtz
N827
W872
lv4 ly2
NW qua
rhyolite
N827
W872
lv4 ly2
SW quad
qtz
N854
W889
lv2 ly2
SE quad
qtz
Otter Creek
ground base
N855
W883
lv1 ly1
qtz
N855
W882
lv1 2 lyr2
qtz
N856
W888
lv1 1 ly1
Bear la
qtz
N822
W873
lv3 ly2
qtzite

CJC N928.5 W930 photo, map, elev. draw lv 4 layer 3
-began lv 5 lyr 3, slow b/c of rocks
LJR N928.5 W929 Fea 9 cleaned, photo, map, elev, take out rocks, Continued into lv. 5 lay 3.

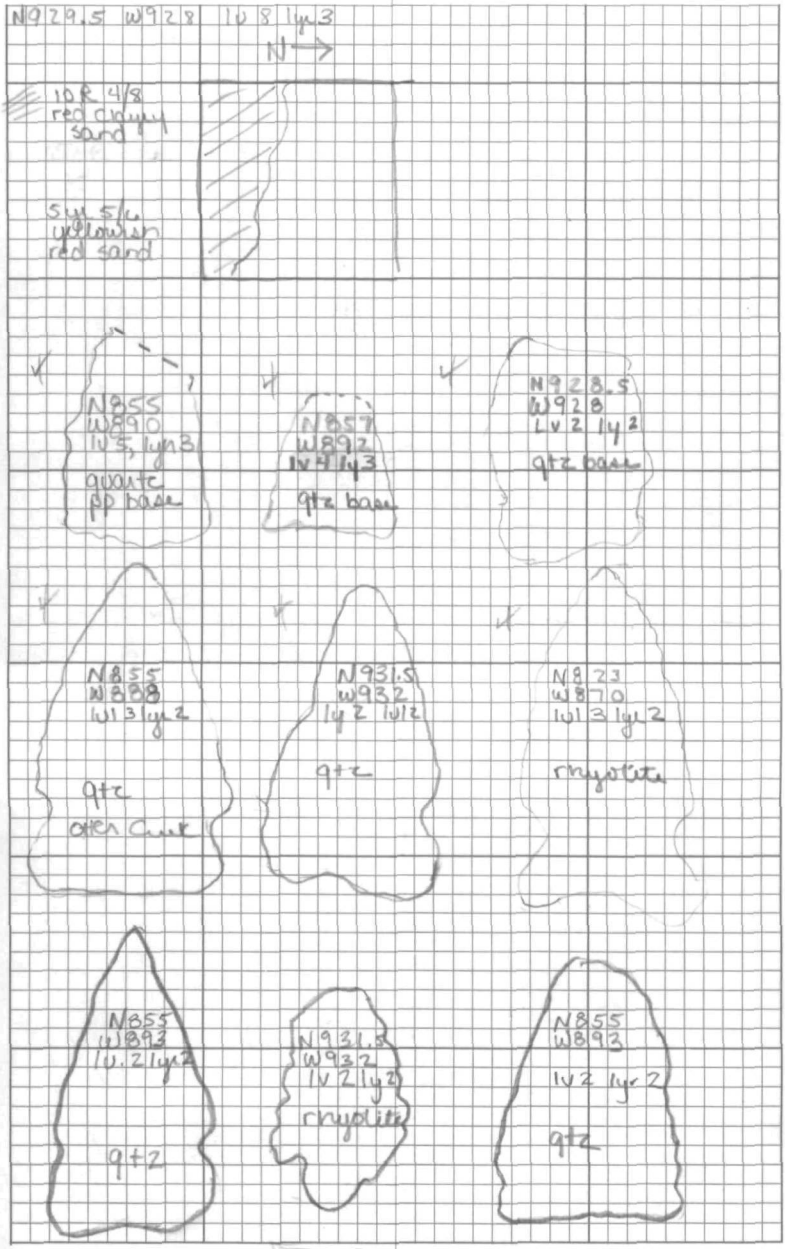
Unit 3 DLB. N825 W871 level 4 layer 3
SW quad piece of Abo pottery red paste body, quartzite temper no surface treatment visible (plain?), very fine sand, next to root so possibly root carried sand down no other pedestaled artifacts in square, flakes, (1g 4 sm), FCR,

VR, AJC-N820 W872 lv 7 limonite scatter, FCR, flakes, photo, drawn, elevation, profile of W wall N821 W872, N820 W872
VR began N W level 1 layer 1

AJC N819 W872 level 6 layer 3 FCR, flakes light scatter of artifacts

Did Munsells of VAP profile, photog squares. New SS bags

Very disoriented, its been a while since I was on a phase 3 with everything!


N929.5 W928 lv 8 lyr 3
N →
10R 4/8
red clayey
sand
5yr 5/6
yellowish
red sand
N855
W890
lv 5, lyr 3
quartz
pp base
N857
W892
lv 4 lyr 3
qtz base
N928.5
W928
Lv 2 lyr 2
qtz base
N855
W888
lv 13 lyr 2
qtz
otter Creek
N931.5
W932
lyr 2 lv 12
qtz
N823
W870
lv 13 lyr 2
rhyolite
N855
W893
lv. 2 lyr 2
qtz
N931.5
W932
lv 2 lyr 2
rhyolite
N855
W893
lv 2 lyr 2
qtz

WBD photog N856 W890 W5 lyer 3 Fea 10, elev draw etc - limonite rhyolite & FCR scatter very lg rhyolite pcs. WBD has lg FCR in bag

→ 7-27 Wed. WBD's mother & friend Al visit. thundershowers yesterday left site wet, overcast w/ more t'showers predicted today. T. height 101.5565

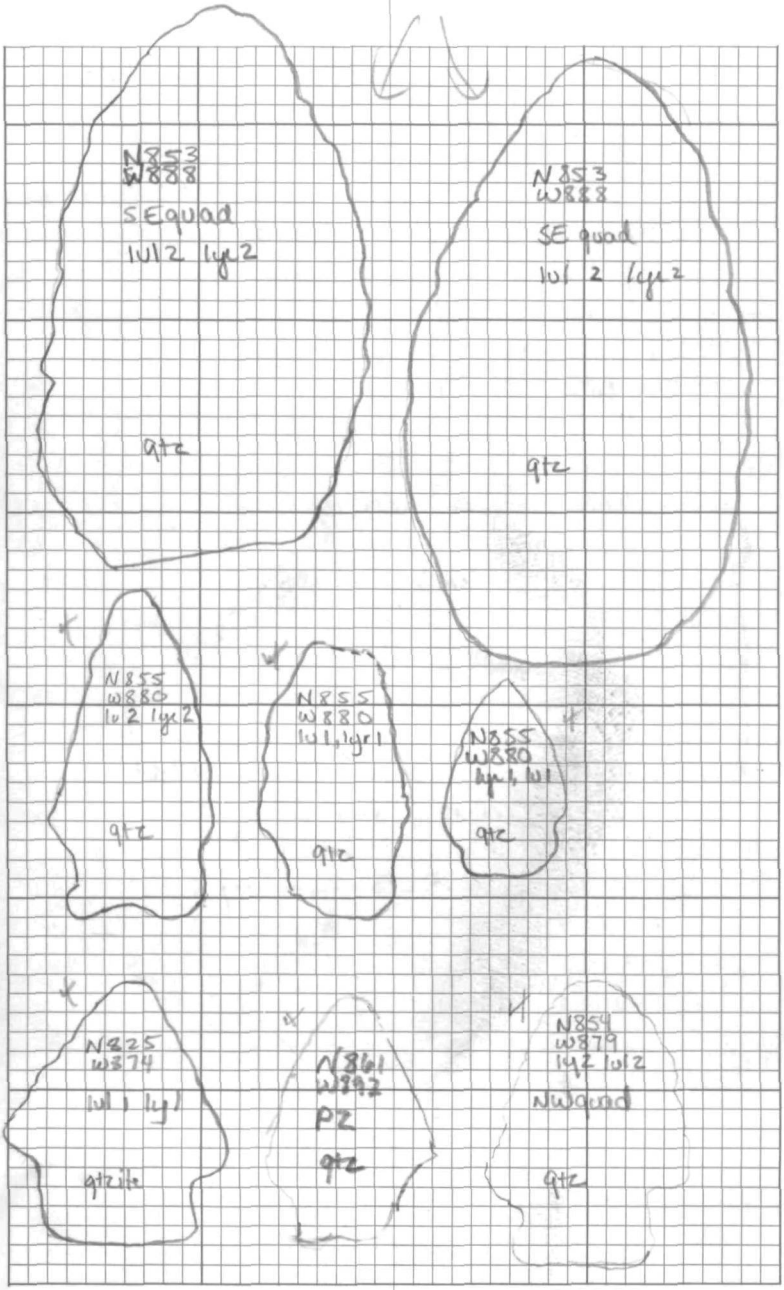
WBD finished fea. 10, pollen samples from FCR & rhyolite pedestals. He will take N856 W890 & N855 W890 down another level

TPC N855 W892 is down thru level 6 - artifacts have diminished greatly, one good flake and a few scattered flakes. Will take N856 W892 thru level 6. Small qtz flakes

DLG N857 W892 in level 5. W4 had 2 FCR & the point base. mapped & elev. flakes, etc.

JVG N857 W890 PZ out in 1 lvl, plow scars run N-S (mapped), beginning lvl 2.

RSL N930.5 W928 W8 lyr 3 flakes are scarce, out of scatter. Decide to take out lvl 9.


N853
W888
SE quad
lw1 2 lgr2
qtz
N853
W888
SE quad
lw1 2 lgr2
qtz
N855
W880
lw2 lgr2
qtz
N855
W880
lw1, lgr1
qtz
N855
W880
lgr1, lw1
qtz
N825
W874
lw1 lgr1
qtzite
N861
W892
PZ
qtz
N854
W879
lgr2 lw2
NW quad
qtz

GXG N928.5 W928 lvl 2 lyr 2 red soil, 1 nice qtz flake

LVR N928.5 W929 lvl 5 lyr 3 continues, slowly, hope for photo today of level

CJC N928.5 W930 cleaning up around rocks at base of lvl 5, hope for photo AM, elevations mapped on 7-26.

NTW continues N929.5 W931, elevations on lvl 5 and begin lvl 6.

WBD found pc of whiteware in lvl 6 SW quad - it probably fell in from dirt -

LVR & CJC are going to hold photos til PM CJC is starting 928.5 W931 while LVR will help me lay out sqs.

GXG N928.5 W928 lvl 2 lyr 2 qtz pp base (Otter Creek?) & FCR - photo etc - pollen sample from pp ped.

DLG Limonite & FCR & cobbles in lvl 5. Light Conc,

TPC N 856 W892 1 biface in bottom of lvl. Decide to take 1 more lvl out of this square

N851
W888
lu3
SW quad.
rhyolite

N859
W885
lu2
NW quad.
qtz

N855
W876
lu1 (PZ)
qtz

N856
W880
PZ
qtz

N865
W892
lu1
qtz

N866
W892
lu1
qtz
tpe

N853
W880
lu2 lu2
SW q
rhyol.

N849
W880
lu3
NW quad
qtz

N866
W893
lu3 lu2
SW q.
qtz

N864
W891
NW quad
qtz

N866
W893
lu3
NE q
qtz

triangulated 5 sqs on 931.5 line
in Unit 2.
CJC began N928.5 W930 - P2

JVG fea 11 in E 1/2 of N857 W890 lu 2 lyr 2
FCR & limonite scatter in E 1/2 photo, elev, etc

DLG has slight scatter of FCR in E 1/2 of
N857 W892 also. There was limonite
w/ it but it wasn't pedest. to speed up sq.
photo etc. lu 5 lyr 3
NTW has very nice lg flakes in N929.5
W931
3 Hrs w/ book PM
→ 7-28 Thurs. hot humid, aft ths predicted -
T. height 101.565

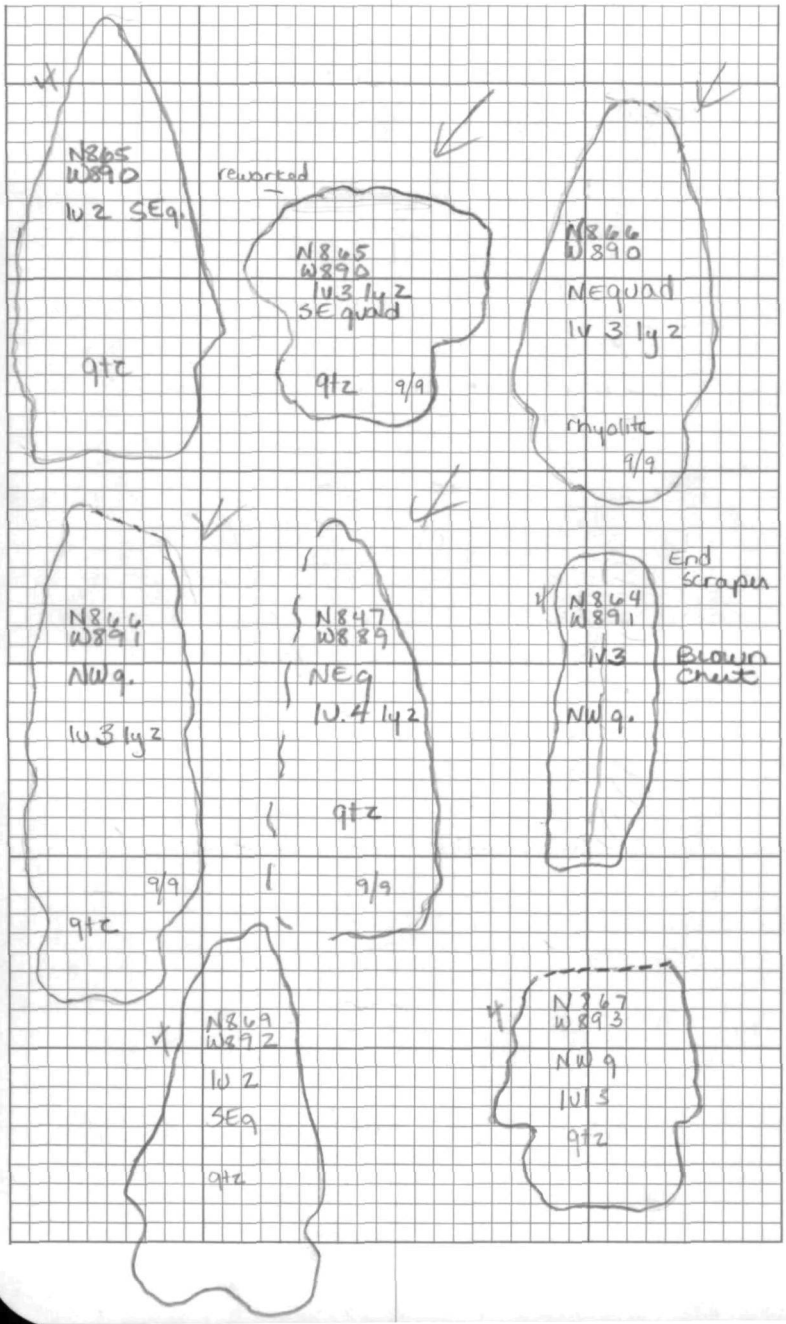
TPC profile of N855 W892 - N856 W892
West wall -

layer 1 5yr 2.5/1 black humus
layer 2 10yr 3/3 dark brown sandy
loam (humus) P2
layer 3 7.5 yr 5/8 strong brown
fine sand. subsoil

JVG finish Fea 11 / begin lu 3 lyr 2

DLG taking N857W892 to level 6, lyr 3

WBD thru P2 on N855 W 889 hist As,
qtz flakes, will also do N855 W888 -


N865
W890
lv 2 SEq.
qtz
reworked
N865
W890
lv 3 lv 2
SE quad
qtz 9/9
N866
W890
NE quad
lv 3 lv 2
rhyolite
9/9
N866
W891
NW q.
lv 3 lv 2
9/9
qtz
N847
W889
NE q
lv 4 lv 2
qtz
9/9
N864
W891
lv 3
NW q.
End scraper
Brown chert
N869
W892
lv 2
SE q
qtz
N867
W893
NW q
lv 3
qtz

ALC switched to Unit 2 - LJR to Unit 3
ALC on N931.5 W932 - thru PZ, HA's, flakes - may be fea 4 axe in sq.

CJC N928.5 W930 photog on 7-27, cleaning 4 removing lg limonite rocks - mapping in rocks not previously visible - lvl 5 lyr 3

LJR finished N928.5 W929 removed rocks, photo etc. lvl 5; lyr 3

RSL N930.5 W928 lvl 9 lyr 3, No flakes soil very gravely, red patch in W½ of sq against wall of phase II square

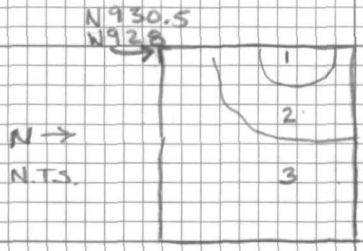
GXG N928.5 W928 lvl 3 layer 2 few flakes, 1 limonite rck in NW quad - bright orange/red soil in sq.

DLG speeding up?! lvl 4 lyr 3 of N857 W892 fewer flakes no FCR, limonite in NE quad

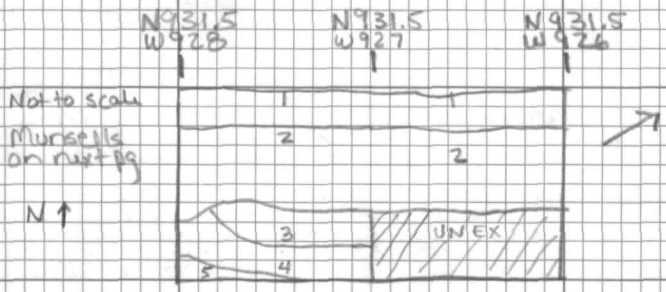
JVG is to work on N857 W889 to expose E½ of Fea 11 that goes into sq.

WBD plowing thru 2 sqs

TDC playing in N 855 W893, 894, 895, 896
Will start on 893 PZ



1. 10R 4/8 red coarse sandy clay with pebbles
2. 2.5YR 4/8 red coarse clayey sand with pebbles
3. 5YR 5/8 yellowish red coarse sand



RSL N930.5 W928 W9 lyr 3 limonite scatter on floor - photos etc -
Red circular pattern in NW quad munselled -
End of sq RSL will move to N931.5 W928

RSL profile of N wall N930.5 W928 - N930.5 W927
1. 5 y 2.5/1 black sandy loam
2. 5yr 5/8 yellowish red fine sand
3. 7.5yr 5/8 strong brown fine silty sand
4. 5yr 5/8 yellowish red coarse sand
5. 2.5yr 4/8 Red coarse clayey sand w/ pebbles

GXG finished N928.5 W928 moved from Unit 2 to Unit 1 N855 W896. Also will do N855 W895 too.

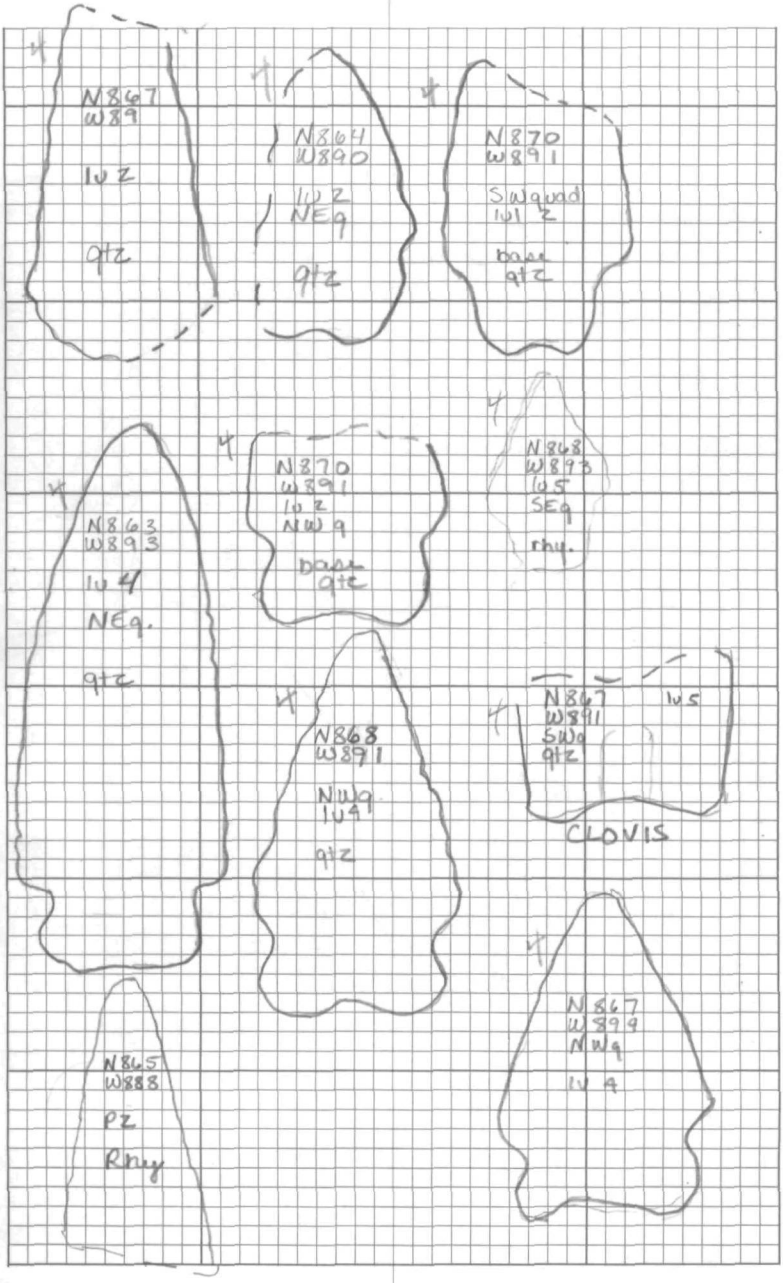
CJC slow w/ tree

AIC good flakes from lvl 2. N931.5 W932

WBD pp in N855 W889 Otter Creek qtz SE lvl 2 lyr 1 some FCR etc - looks like possible fea. Nice scraper in level above

→ 7-29 FRIDAY Sunny low 90's, humid - Theight 101.565, Carol out so I'm in charge

DLG N858 W892 lvs lyr 2, completing last lvl - little - no artifacts


N867
W89
lw z
qtz
N864
W890
lw z
NEq
qtz
N870
W891
SW quad
lw z
base
qtz
N868
W893
lw 5
SEq
rhy.
N870
W891
lw z
NW q
base
qtz
N863
W893
lw 4
NEq.
qtz
N867
W891
lw 5
SWq
qtz
CLOVIS
N868
W891
NWq
lw 4
qtz
N867
W899
NWq
lw 4
N865
W888
pz
Rhy

JVG N857 W890 PZ out, elevations, should clear down to Fea 11 by PM

WBD N855 W889 lvl 2 lyr 2 cleaning around Otter Creek pt for photo - many flakes around pt (20-30/quad) small qtz, pp assoc w/ limonite which is out (map, elev). Probably knapping at this spot -

TPC PZ is out of N855 W893 & 894 - to start lvl 2 lyr 2. PZ had some good qtz flakes & ha.

GXG N855 W896 PZ, will do W895 too
sm. point base in PZ

AIC N931.5 W932 lvl 2 lyr 2 many ltl flakes (63/quad) small qtz. Some limonite possible FCR & worked qtz, 1 flake SW4 SE quad boundary will photo

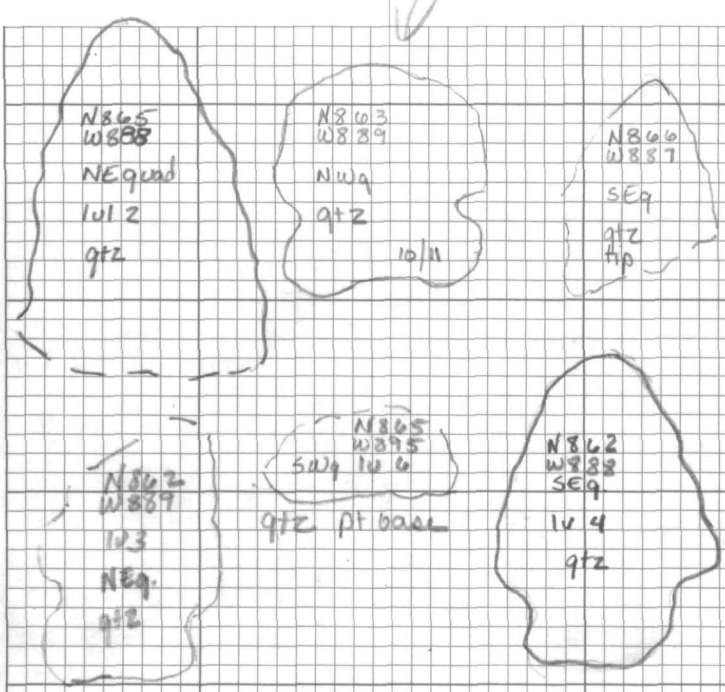
GJC N928.5 W931 PZ out will start lvl 2.

RSL N931.5 W928 PZ w/ roots

DRB N825 W871 lvl 7 lyr 3 DRB & DCB will take this sq & N824 W871 down tbl As stop - they are still finding flakes etc

VAR N825 W870 FCR etc pedestaled lvl 3 lyr 2
no photo, elev etc.

DCB N824 W872 lvl 7, lyr 3 flakes are scarce this will be last lvl here to move to N824 W871


N865
W888
NEquad
lvl 2
qtz
N863
W889
NWq
qtz
10/11
N866
W887
SEq
qtz
tip
N862
W889
lv 3
NEq.
qtz
N865
W895
SWq lv 6
qtz pt base
N862
W888
SEq
lv 4
qtz

LR N823W870 lu/3 lyr 2 rhyolite pt, FCR photo etc.

JSpunkes & crew stopped by, didn't need shovels but took 5 trowels to be returned in PM.

TRC qtz pt in NE quad N855 W893 lu2 lyr2 - he's getting nice flakes from sq also. qtz pt in SW quad + poss scraper - flakes heavy in E1/2 not in W1/2

JVG fea 11 in W1/2 N857 W890 limonite flakes & FCR etc.

AIC rhyolite pp SE quad lu2 in line w/ qtz pt. photo etc - lu2 also has lots of flakes, FCR, hammerstone? & scraper? Nothing is in close proximity to anything else.

GJC 3 med qtz flakes together in SW quad (pedest) also limonite is showing along S1/2 (lg root in ctr of sq).

DLG is not feeling well - tried to help her w/ speed but I don't think it did much

LR one of her qtz pedestaled rks is a blank. Discovered after she unpeded it.

Squares

UNIT 1

DLG profile W892 wall at N857, 858 should tie in to TPC's wall yesterday

At lunch 3 Western Electric people - 2 Iranians & 1 American - showed TPC's sq w/ pts & gave handouts

ALL qtz pt (stemmed) in W3 NW quad - almost at same height as other two pts.

DLG to start N859 W892 lv. 3
JVG pt tip in fea 11.

DRB DCB to open N 826, W 872, N 826 W 871, N 827 W 872, N 827 W 871.
Only As in lvl N825 W871 lvl 7 lyr 3 & N824 W871 lvl 7 were 2 flakes ended unit - profiled N wall of 2 squares w/ the following Munsell #s:
N825 W872, N825 W871

1 Lens 10yr 3/1 very dark gr humus
Lyr 1-PZ 10yr 4/2 dk grayish br sandy loam
2-Rem.PZ 10yr 4/3 brown sand
3-SS. 7.5yr 5/8 strong brown fine sand

ALL another pt in NW quad (4 from sq) qtz (Brewerton?) photog lvl 3 in sq.

Squares

UNIT 2

N928.5	W931	CJC
	30	LJR
	29	LJR
	28	GXG
N929.5	W931	NTW
	30	
	29	
	28	GXG
N930.5	W933	ALC
	32	
	28	RSL
	27	RSL
N931.5	W933	ALC
	32	ALC
	31	RSL
	30	RSL
	29	RSL
	28	RSL

→ 8/1 Mon. Hot & humid, high 90's -
T. Height 101.5565

GXG N855, W895 & 896 lvl 2 lyr 2,

TPC N855 W893 & 894 lvl 3 lyr 2 more flakes in 893 than 94 -

WBD N855 W889, 888 lvl 4 lyr 2 FCR around tree stump - flakes in 888 - 1 coal from wall SW q.

JVG Fea 11 exposed in ctr of N857 W890, 889 lvl 2 lyr 2 - photo, pt tip in 889 -

DLG open N859 W892 PZ -

AIC map pts in N931.5 W932 lvl 3 lyr 2, will continue - lvl 4 only ~7 flakes/quad quart. decrease
photo lvl 4 - rhyolite

CJC map limonite & flakes in N928.5 W931 lvl 2

RSL PZ out of N931.5 W928 lvl 2 lyr 2 started - will start N931.5 W929 also.

There is no soil change around Fea 11. Munsell for area is 7.5 5/6 strong brown sand. Fea consists of limonite, rhyolite flake, FCR, a qtz pt tip is in SE quad of N857 W889 Approx 10 cm from fea.

Squares

UNIT 1

N859	W889	GXG	
	888	GXG	
N855	W896	GXG	
	95	GXG	
	94	TPC	
	93	TPC	
	92	TPC	
	91	WBO	
	90	WBO	
	89	WBO	
	88	WBO	
	87	WBO	
	86	WBO	
	85	WBO	
	84	WBO	
N856	W892	TPC	
	91	WBO	
	90	WBO	
	89	JVG	
	88	TPC	
	87	TPC	
N857	W892	DLG	
	91	JVG	
	90	JVG	
	89	JVG	
	88	TPC	
	87	TPC	
N858	W892	DLG	
	91	DLG	
	90	JVG	
	89	JVG	
	88	JVG	
	87	JVG	
N859	W892	DLG	
N860	W892	DLG	
N861	W892	GXG	
N862	W892	GXG	

N853	W889	GXG
	888	GXG
N852	W889	GXG
	888	GXG
N855	W883	WBO
	882	WBO
	881	WBO
	880	WBO
	879	WBO
	878	WBO
	877	WBO
	876	WBO
N854	W879	RSL
N853	W879	RSL

GXG 1pc blue sponged dec white wall in N855 W896 lvl 2 NW quad (around root)
TPC 1pc creamware? w/ brown line (slip?) from wall NE quad lvl 3 N855 W893.

off at 12 to hook up utilities -

→ 8:2 Toes. hot high 90's. Thright 101.56 Carol office for AM at site in PM.

WBD finished sqs thru level 5 - starting N855 W887, 886.

JVG starting level 3 - slow as fea 11 is being pedestaled.

DLG lvl 3 N859 W892 flakes in sq - little else.

TPC - lvl 4 in sqs N855 W893, 894 flakes heaviest in E 1/2 of 893.

GXG lvl 4 in sqs N855 W895, 896 yesterday 1 bifacial blank - flakes - relatively little else

ALC N931.5 W932 lvl 5 into hard red packed clay flakes continue to diminish

CJC N928.5 W931 lvl 3 map limonite, will photo rocks

8-2 101.565-TH

Ned Ward's Rocks N W 10/6

8 top 0.83
bottom 1.18

10 1.17
11 1.01
12 0.98
13 1.06
14 1.04
15 1.05
16 1.14
17 1.105
18 1.13
19 1.15
20 1.075
21 1.05
22 1.11
23 1.05
24 1.01
25 1.02
26 1.06
27 1.04
28 1.02
29 1.06
30 1.05
31 1.04
32 1.08
33 1.09
34 1.09
35 1.075
36 1.03

SE 1.10
NE 1.08
NW 1.09
SW 1.09

RSL was FCR conc. in lvl 2 N931.5 W928 lvl 2 getting ready to do N928.5 W929 lvl 2 may continue into sq.

VAR N825 W870 lvl 4. qtz cobbles in SE quad also N824
LR N823 W870 lvl 4 also N822 flakes

DRB at dentist AM, out for afternoon
DLB N826 W871, 872 lvl 3 flakes

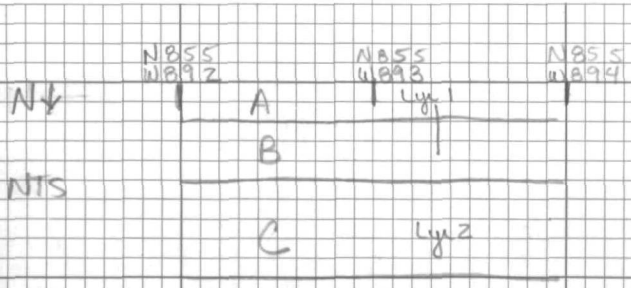
photos RSL lvl 2 FCR
CJC lvl 3 limonite
GXG lvl 3 FCR N855 W896
" " FCR " W895
TPC " " " W894
DLB lvl 3 Bifaces, FCR

JVG is using the same #s for N857 W890 & 889 since it's all Fea 11. She started in 890 lvl 2 then went to 889 lvl 2 then continued #s to lvl 3 890 (at this pt she's on 109)

ALC 19 flakes in lvl 6 - I decided to have her excavate lvl 7 since 19 is pretty many, & she had 4 pts in lvls 2 & 3. Soil is HARD red clay though.

DLB pp rhyolite in lvl 4 N827 W72 NW q. serrated edges and a qtz in the SW q. side notched,

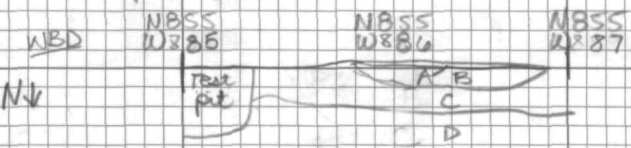
2 Hrs w/ book PM



Sample for N855 W888-96

A - Humus 10 yr 2/1 black
B - PZ 10 yr 3/3 dk br sandy loam
C - Subsoil 7.5 yr 5/8 strong brown sand

WBD sample N885 W886-87



A Humus 10 yr 2/1 black
B " 10 yr 5/1 gray sand
C PZ 10 yr 3/3 dk br sandy loam
D SS 7.5 yr 5/6 str br sand

8-3 Wed hot & humid high 90s -
T. height 101.565

CAE & I put in new sqs in Unit 1 & 2

← TPC finished sqs - profile S wall N855
W893, 94.

GXG N855 W896 lvl 5 out to see if flakes

JVG cleaning feat

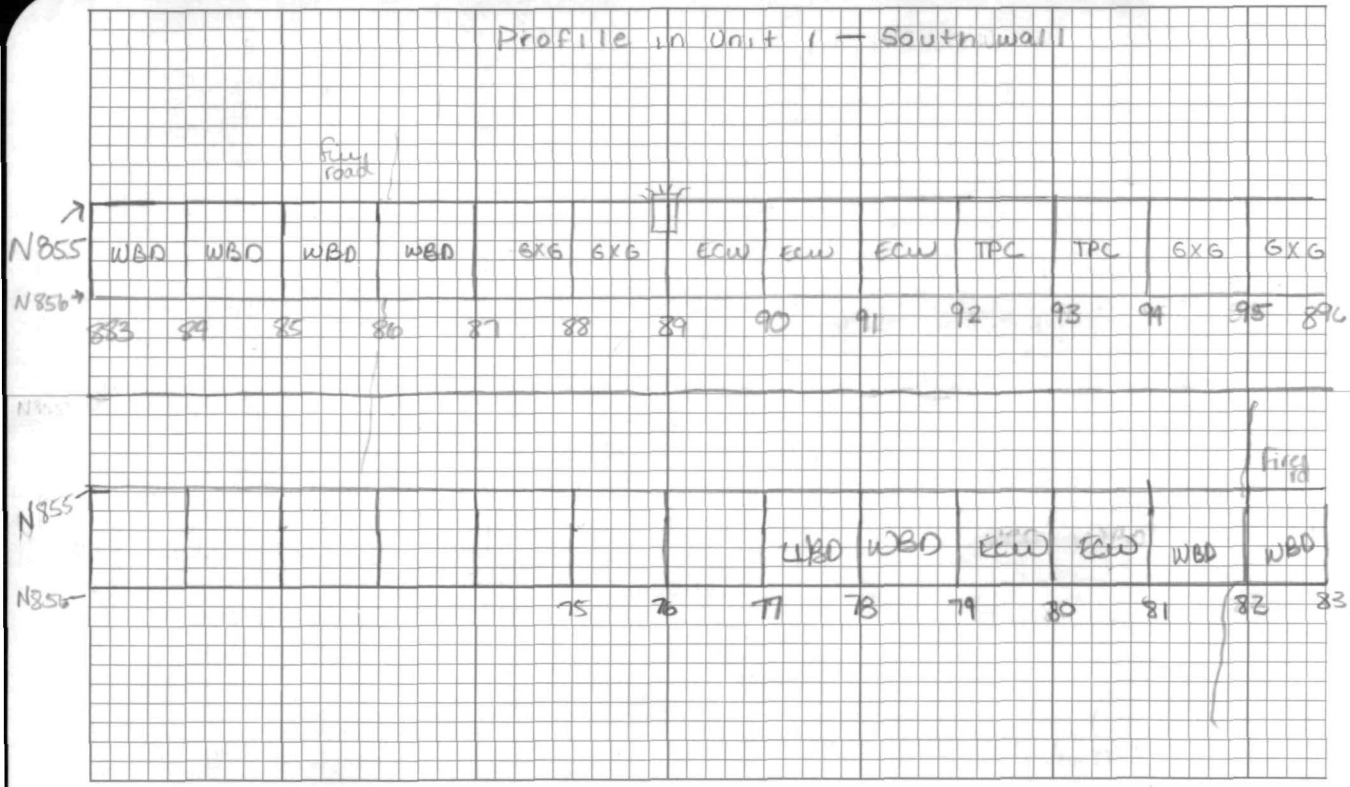
WBD in fire rd w/ N855 W886 soil
very compact - artifacts concentrated in
W889 & 888.

ALC profile W wall of N931.5 W932
Humus 10yr 3/1 very dk gr humus
PZ 10yr 3/3 dk br sandy loam
SS 7.5yr 5/6 str brown sand
mott SS 7.5yr 6/6 reddish yellow compact
sand w/ 5yr 5/8 yell red clay sand
Rd SS 2.5yr 4/8 red sandy clay

GXG profile S wall N855 W895, 96
GXG " " " " W889, 888
ALC started N931.5 W933
CJC N928.5 W931 lvl 4 | yr 2
RSL

Spent PM w/ profiles of E wall N855
W890, 91, 92

Profile in Unit 1 — South wall



8/4 Thurs - HOT High 90s - T height 101.565
DRB & DLC found 2 lg pcs pottery (they mend) late Wed. Smooth ext, bumpy interior - may be stealite tempered - Mauvey Creek

GXG starting N854 W889, 88.
WBD finishing N855 W887, 886 both of which seem almost empty at lvl 5

TPC taking 1 more level out of N 855, 6, 7, 8, W891 - generally sterile w/few (1-5) flakes in some sqs.

DLG found lg smooth rock Wed. (metate?)
JVG finishing Feat 11 - photog thus AM.

ALC PZ in N931.5 W933
RSL lvl 3 N931.5 W928, 29
CJC still in N928.5 W931 lvl 4 -

Feat 11 is round w/ limonite and FCR - less than 5 rhyolite flakes are visible (lg chunks of rhyolite. May be a hearth as it is lg and amorphic in shape -

WBD finished units - profile E wall of N855 W886, 887 in new road. Munsells are on sheet - also E wall same sqs & Munsells
ALC 96 flakes lvl 2 N930.5 W934 NE quad lots of flakes out of all of sq.

DRB + I 4 Hrs PM

8-5 FRI Hot high 90s, gas truck, oil OK - needs coolant - Thought 101.565 lea in AM

JVG cleaning up next level of rocks fea 11 - removed top limonite & has new showing size of fea. getting smaller.

GXG Otter Cr pt in N854 W889 lvl 2 SE quad yesterday - continuing W2 in this sq and W888.

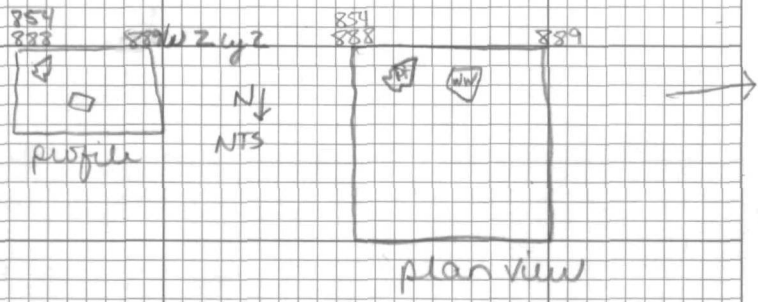
WBD PZ N855 W885 & 4 - 2 good bifaces pt tip from PZ - shallow in center of road slight dips for tire ruts
lvl 1g qtz flakes - 0-5 sm ones
TPC PZ in N 856 & 57 W887. 1 Biface

RSL PZ in N931.5 W930 & 31
ALC lvl 3 N931.5 W933 & N93
CJC cleaning rocks bottom of sq.

DVG off today - RSL leave 11:30
Decided to give ALC, DVG & CJC 15 min each day they help unload

JVG found a pt (qtz) tip in N857 W889 lvl 3 NW quad - no position on it - found in screen more FCR appearing

TPC qtz pt unfinished in N856 W887 SW quad


854
888
889
W 2 ly 2
N
NTS
profile
854
888
889
plan view

GXG pc. of cobalt undgl bl white w "Chin geometric pattern" - in N854 W889 SE quad 4cm W of pt, 3-4cm below pt - in mass of Roots but would probably undo significance of Otter Creek pt - photo w/out ceramic

WR more Marcy Creek pottery in sq E of DRB's sq w/ pottery. → Fea 13.

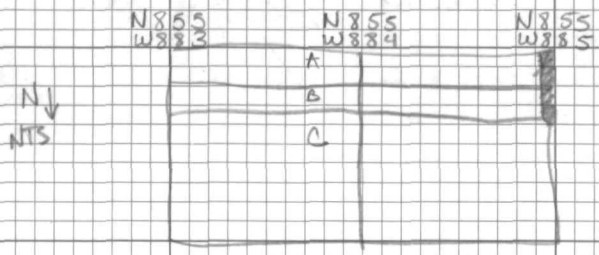
JVG photo fea 11 lvl3, lower than previous photo. - one rock in new lvl has groove - probable shaft straightener

→ Aug 8 Mond. hot 95 - T Height - 101.565
Surveyors out
TPC N856, 57 W887, lvl 2 & 3
GXG N854 W889, 88 lvl 3
WBD N855 W885, 84 lvl 3
DLG N858 W892 lvl 6
JVG Fea 11. lvl 3
ALC N930.5, 31.5 W933 lvl 3
CJC N928.5 W931 lvl mapping
RSL N931.5 W931, 30, 29, 28 lvl 2 & 3

GXG most flakes from SE quad N854 W888 in lvl 3

JVG lvl 3 - picture - another grooved shaft straightener

DCB Orient Fishtail in wall



● Test pit

Humus	A	10yr 5/1 gray compact coarse sand
PZ	B	10yr 3/3 dark brown compact loamy sand
Subsoil	C	7.5yr 5/6 strong brown compact coarse sand

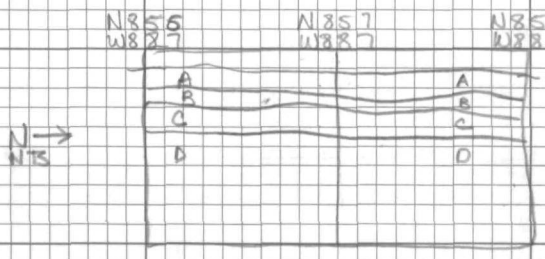
Aug 9 Tues Carol office in AM, site PM-
Theight 101.565, T° 95° slight humidity

WBD lvl 4 N855 W884, flakes were all concentrated in 1st 2 lvls - but since WBDs on road it has probably been scraped lower
TPC N856,57 W887 lvl 3 - flakes diminished
GXG N854 W889,88 lvl 4 flakes diminished will go S from 1 of these
JVG lvl 4 N857 W890,89 flakes diminished were concentrated in fea 11.
DLG lvl 1 & 2 N860 W892
ALC N930.5, 31.5 W933 lvl 4 fea 14 rock cluster
RSL N931.5 W931,30,29,28 lvl 3. flakes are mid sized but little else.
CJC N823 W873 lvl 2 few flakes
DRB N826 W873 lvl 3 " "
DCB N827 W873 lvl 3 qtz scraper, orient fisht.
VAR N824 W869, N825 W869 lvl 3 flakes -
LJR N827 W869 lvl 2, N827, W870 lvl 2, N826 W870 lvl 2 lg concen of Marcey Creek in lvl 2 of N826 W870 (fea 12),

← WBD profile S wall of N855 W884&5 Munsellied

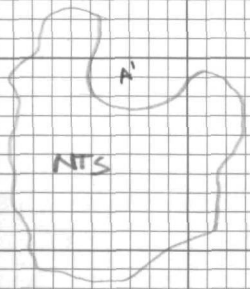
WBD PC in 855 W883,2 1 pt in ea sq - much more prehist than hist in sqs.

DLG sprained ankle



spoil pile A 10yr 5/1 gray loamy sand
humus B 10yr 4/1 dark gray silty sand
Plowzone C 10yr 6/2 light brownish gray silty sand
subsoil D 7.5yr 6/8 reddish yellow compact sand

pottery lug from Feat 13.
lug handle - pc of pottery w/ hole for lug to fit in found in Feat 13



Aug 10 Wednesd. hot & humid high 90's. T height 101.565 DLG off w/ sprained ankle. ALC brings 2 nephews out to work/play.

← TPC profile W wall of N856,57 W887. then will start N856,7 W888 profile is along road at edge of old dirt pile

JVG N856 W889 lvl 2 point fragment -
GXG N853,52 W889 lvl 2 (pt in PZ)
WBD N855 W883,82 lvl 2 (1 pt in PZ 883, Tri.
1 pt. in lvl 2 of 882 - Bear Is)
ALC lvl 4 N930.5, 31.5 W933 60 flakes in NW quad 931.5 fea 14
RSL N931.5 W931,30,29,28 pestle in 931 wall, pt found on 9/9.

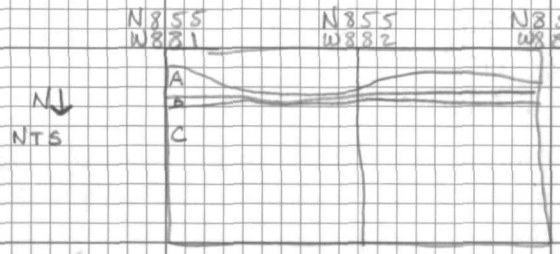
JVG point base N856 W889 lvl 2.

CJC - pt in lvl 3 ly 2 N822 W873.
DRB, DCB working along W873 line w/ CJC -
WR mapping fea. 13. photo of odd blob ceramics

GXG because FCR conc near E wall of sqs he's doing N853,2 W888 to expose more of concentration -

JVG some rhyolite chunks from sq N856 W889. 1 Hr w/ Book

Aug 11 Thurs hot & humid 95, T Hei. 101.565
Debbie out til Monday - Ira, Tyler, Weaver plan to be out -



road	A- 10yr 6/2 lt brownish gray fine compacted sand.
PZ	B- 10yr 4/4 dk yellowish br. compacted loamy sand
subsoil	C. 7.5yr 5/6 strong brown compacted coarse sand

WBD lvl 5 N855 W883,2 flakes diminished
TPC lvl 2 N856,7 W888
GXG PZ N853,2, W888 rd lead of EW rim - pan & Kadun pipe stem (4/64) from 852
JVG lvl 3 N856, W889, FCR, rhydite (no conc) thru lvl 5
← WBD finished lvl 5 - profile of S wall N855 W883,2 will start N855 W881,80, Also did E wall of 882
GXG 2lg. Bifaces - FCR rock cluster in fea 15 (photo etc

8/12 FRIDAY - High 90's, THeight 101.565 -
DLG out - New tripod

WBD 2 pts from lvl 1 lyr 1 N855 W880 -
1 pt from lvl 2. In this & 881 lvl 1 is PZ & lvl 2 is remnant PZ? from bottom of A to B on profile of E wall of 882. Both shoveled flakes heavy in lvl 2 but thist, cer. still in this level - light plowscars show up also - subsoil below lvl 2. heavy flakes (over 75/sq)
less flakes in lvl 3 lyr 3
GXG map 4 sqs + fea 15 (FCR cluster)
TPC lvl 3 N856,57 W888
JVG PZ, lvl 2 N858, W889 few flakes
conc of lim, FCR rhyd. - photo - biface
8/15 MON. hd 100, TH 101.565
DLG out - ankle.
TPC begin N851 W889,888, N850 W889,88

Time cards due

2400 ÷ 11.17 = 1st Check 8-12
2nd Check 8-19

214 Hrs

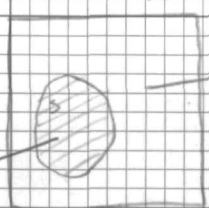
7/5	7.6			
7/6	7.1			
7-7	7.1			
7-8	7.1			
7-11	7.1			
7-12	7.1			
7-13	7.1			
7-14	7.1			
7-15	7.1			
7-25	7.1		+.4	
7-26	7.1		.4	
7-27	7.1	+3.0	.4	
7-28	7.1			
7-29	7.1		104.1	
8-1	4.5			
2	7.1	+2.0	+.4	
3	7.1		.4	
4	7.1	+4.0	.4	
5	7.1		.4	144.20
8	7.1		.4	
9	7.1		.4	
10	7.1	1.0	.4	
11	7.1		.4	
12	7.1		.4	182.70
15	7.1		.4	190.20
16	7.1		.4	197.70
17	7.1			204.80
18	7.1	2	.4	214.30 — End
19	7.1			
22				
23				
24				
25				
26				

250	dip
250	rent
135	car
50	loan
112	phone
797	

250	dip
250	mac
1200	ck
1700	
800	JHS
900	left

N931.5 W933

NTS
N →



2.5 yr
Red Clay

5 yr b/e
reddish yellow
clayey sand

JNG W13 N858 W889, - W15 finished
limonite, FCR Rhyolite from W12
extends to W13 in some places - No lg
concentration -

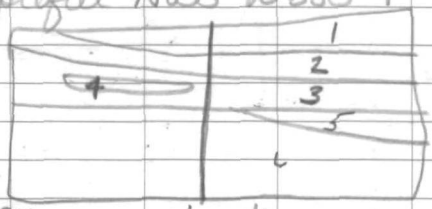
GXG finished paperwk begin W13 N853
W889,88 ; N852 W889,88. few 15 dicent
extend - also W14 - few flakes

WBD W16 Lyr 3 N855 W881,80 1-4 flakes

TPC PZ in N851 W889,88 ; N850 W889,88

AIC 2 profiles N932.5 - W933,32 facing N
N931.5-32.5, W933 facing W
1 Humus 10yr 4/1 dk gr hum
2 PZ 10yr 5/2 gr br loamy sand
3 SS 7.5yr 7/4 pinkish gr clayey sand
4 SS 5yr 6/8 reddish yell sandy clay
- floor of sq on opp pg

WBD profile N855 W880 - 1 South wall
E ←



1 Rd fill 10yr 4/1 dk gr sand
2 Hum 10yr
3 PZ 10yr 6/3 pale br sand
4 10yr 3/1 Root stain
5 Old PZ 10yr 5/4 yellow br silty sand
6 SS 7.5yr 5/6 str. br. silty sand

Profile of W888 sqs

N←

	59	58	57	56	N855	54	53	52	51	50			
887		TPC	TPC	X	ECW	6X6	6X6	TPC	TPC				
888													

8/16 TUESD Cooler low 90s - no Humid TH 101,565. DLG still out - I talked to her Mon PM & she said she would be out TUES AM she called CJC & said ankle is swollen & blue! CAE is talking to her about it.

WBD PZ in N855 W879, 78 many sm qtz flakes in lvl 1

TPC PZ in N850 W889 then lvl 2 in this & W888 & N851 W889, 88

JVG PZ in N858 W888, 87 soapstone shard from 888 PZ - may have food? residue on int (black flakey concretion) little in PZ 887.
GXG lvl 3 in N853 W888, 89, N852 W889, 88 very few flakes (less than 50 for 4 sqs)

WBD lvl 2 N855 W879 NW q. very lg pestle (~8 inches)

TPC Biface & flakes in NE q N851 W888 lvl 2

- I did profile of E wall in N859 W888 - to go w/ W wall of N856 W888 & N 857 W888 by TPC & remainder of E wall of W888 by GXG & TPC

8/17 Wednes Hot near 100 & humid-
TH 101.565 DLG back limps-

Munsell RSL N walls in N931.5 W
928-31
PZ 10yr 3/1 loamy sand
Both SS 7.5yr 5/6 silty sand-
Floor of 28-29 taken down in 5½
1 lvl deeper exposing Red clay that is
in Unit 2 as a 2.5yr 4/8 clay.
— Unit 2 is closed til 1&3 are done.

RSL PZ in N854 W879, N853 W879-
ECW profile swall of N855 W879, 878 before
S wall is destroyed by RSL

JVG evening out dip in N858 W888&87 lvl 2
flakes aren't as heavy in E½ as in W½.
Some FCR

GXG took lvl 5 out of N853,52 W889 No flakes
N853,2 W888 done at lvl 4.

TPC finishing lvl 2 in N851,50 W889,88
few flakes

DLG lvl 3 N860 W892 fea 16 in center of sq.

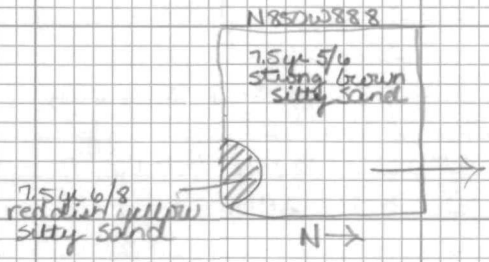
GXG PZ N861 W892, N862 W892 - 1 pt
Calvert qtz, & a flouride schist
(used as soapstone)

JVG FCR conc. in N wall - finished lvl 2 & started PZ in N859 W888, 87 to expose FCR

RSL FCR conc. in top of lvl 2 N854 W 879 many flake - rhyolite & qtz in squares.

8/18 THURS humid but high predicted as only 90°, THeight 101.505.
DLG photo of fea 16, notes maps etc - will work on lvl 4
GXG lvl 2 N861,62 W892 -
TPC to begin lvl 3 in N851,50 W889,8 finding 10-15 flakes/quad
JVG lvl 2 N859 W888,87 will hopefully discover more of FCR conc
WAD lvl 3 N855 W879,78 flakes greatly diminished - this end of the site seems to be very shallow - the a's are concentrated heavily in the PZ and lvl 2 there is very little below lvl 2.
RSL lvl 2 N854,53 W879 - PZ heavy w/ flakes - pt in NW q lvl 2 assoc w/ rocks
Fea 17
LR out w/ hurt back -
lia taking chain saw to be fixed today

TPC rhyolite pt in screen from N851 W888 SW q. lvl 3
JVG pt qtz N859 W888 lvl 2 NW quad. may have fea 18


N850W888
7.5yr 5/6
strong brown
silty sand
7.5yr 6/8
reddish yellow
silty sand
N

WBD finished N855 W879,78 - begin W877,76 - pt in PZ of W876, more Abo's than HAs in sqs.
JVG biface from N859 W888 NE quad was mapped but while taking PZ from N860 sqs it is missing - was either kicked, lost bagged or was taken last night

RSL to open N854 W880 to expose Fea 17.

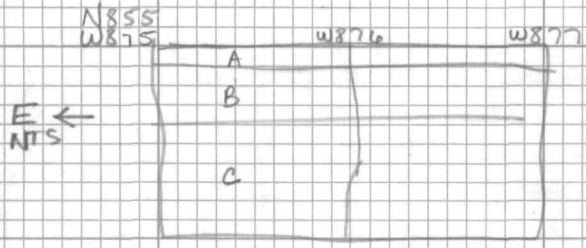
TPC in lvl 3 N850 W888 SE quad he noticed a patch of lighter sand going into the S wall he screened them separately for a time but discovered no difference in artifacts or counts. It probably is nothing -

8-19 Friday Cool high 80° - showers. LR still out w/hurt back TH 101.5765

JVG finishing lvl 2 of N859 W887 - will photo 4 sqs today.

DLG lvl 5 N860 W892 few flakes
GXG lvl 3 N861,62 W892 some FCR, no conc
RSL lvl 2 N853 W879 - will also expose N854,53 W880 for photo (Fea 17)
WBD lvl 2 N855 W877,76 this area seems higher - many flakes in PZ and lvl 2 w/ very little underneath.

WBD Profile Facing S
N855 W876, 77



A 10yr 3/1 very dk gr loam

B 10yr 4/2 dk greyish br loamy sand

C 7.5yr 5/8 str br silty sand

TPC lu3 N851,50 W889 - 30-40 flakes/sq but little else.

The deposits of Unit 1 get deeper to the N. - GXG & DLG working along the N892 line are hitting air in lu3 & flakes heavy in lu4 near N860. The deposits get shallower going E where lu2 is practically void.

Photo of GXG N861,2 W892 lu3 - map, remove As
" " JVG N858,59 W888,87 lu2 - map, rem, As

AIC moved over and is working N at N856,7 W879. pl Wading River (just like Beau is but smaller) in N857 W879 lu1

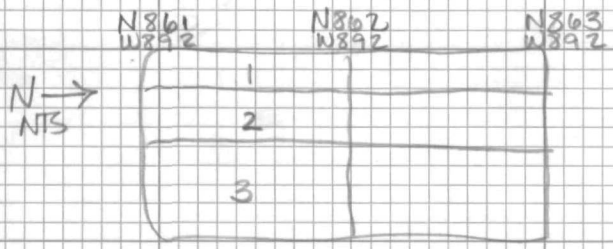
CJC opening a 2×2 at N849,48 W888,89
DLG opening a 1×2 at N863,64. W892.

ECW profile N wall N860 W892 for DLG

8/23 MOND. cool sunny high 80°, T height 101.565
DRB gone all day

DLG PZ N863,64 W892
GXG lu4 N861,62 W892
JVG lu3 N858,59 W888,87
TPC lu4 N850,51 W888,89
CJC PZ N849,48 W888,89
AIC lu2 N856,7 W879; Fea 18 ditch in N857 W889
RSL lu2 N854,53 W879,80
WBD finished N855 W877,76 profile S wall

6x6 proj. facing West



1 10yr 3/1 very dk gr n.
2 10yr 3/3 dk br lmy snd
3 7.5yr 5/6 str br silty snd
Munsells for Sq same as for N860 W892

WBD to PZ at N855W875, 74

linoleum is being ordered - until that time we are using flagging tape and plastic ziplocks w/ labels to label inside soil samples-

Carol to be in late Tuesday.
Filled evaluations for crew.
Received new uniform for blue van-

GXG profile N861,2 W892 West wall
JNG still lots of FCR in lvl 3
AIC open 1x2 at N 856,57 W880 to expose FCR found near W wall of N856 W879 - smqtpt in N856 W880 PZ
RSL continuing to find FCR lvl 2 N854,3 W880.
TPC lvl 4 N851,50 W888 flakes diminished - lvl 4 N851,50 W889 flakes still fairly many - 10-15 per quad.

WBD fea 19 FCR + limonite conc in ctr of sqs N855 W875,74. - except for this fea WBD has found little in subsoil - less than 5 in N855 W875 although RSL is getting flks in lvl 2 of N854,3 W879,80

Aug 23 TUES Cool, Cloudy high 78° -
Carol in office AM, Dan still gone - no word from him - TH same

GXG PZ N865,66 W892 < 1 pt (tri) in N866, 1 pts (tri.) in N865
DLG lvl 2 N864,63 W892 – many flakes
JVG lvl 3 N858,59 W888,87 still many rocks as in lvl 2
TPC lvl 4 N851 W889 more flakes than in W888 line – TPC will do N849 W888 fa CJC since this was sq w/ odd stain in lvl 3
CJC lvl 2 N849,48 W888,89
AIC PZ N856,7 W880
RSL lvl 2 N854,53 W880 exposing fea 17
WBD lvl 2 N855 W875,74 fea 19 in ctr – otherwise very few flakes (1-5/quad)
VAR N826, W867,68,69 lvl 6
DCB N828 W869 lvl 2
WR N826 W870 lvl 7 flakes diminishing

TPC 15-20/sq flakes in N851,50 W889 so will take these to lvl 5 as GXG did w/ N852, 53 W889 – appears to be deeper at this pt

GXG 1 pc. delft in PZ of N865 W892 – fairly high up but still delft

DCB Fea 20 in NE quad of N828 W869 FCR, core, unmodified at base of lvl 2 – DCB will open N829 W869, N828 W868 and N829 W868 to define fea.

RSL rhyolite pt in N853 W880 lvl 2 SW

LR finished N826 W870, opening N825 W864 PZ - very little of in it - will dig this in W865

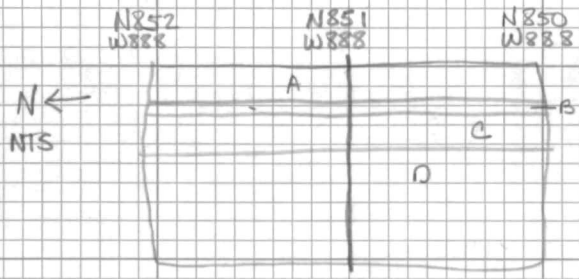
TPC 17 flks in N851 W889, 13 in N850 W889 - lvl 5 - TPC is going to do lvl 6

As of today there are 135 sqs begun - 104 sqs finished - we are ahead of schedule
Broke another Ax handle -
Web's mother & friends visit

8/24 Wed. wet humid high low 80's TH 101.565, Dan shows up today he'd been in Wisc. visiting sick grandmother.

GXG lvl 2 & 3 N865, 66 W892
DLG lvl 2 & 3 N864, 63 W892 20-30 qtz flks sq.
JVG lvl 3 / photos, lvl 4 N858, 59 W888, 89 FCR & limonite
TPC lvl 6 N851, 50 W889 then will do N849 W888
CJC lvl 2 N848 W888 then lvl 3 N849, 48 W889
RSL photos of N854, 53 W880, 79 and close-ups of feat 17 then lvl 3
ALC lvl 2 N856, 7 W880, 79
WBD lvl 3, 4, 5 N855 W875, 74 few flakes.

TPC profile facing East



Spoil A 10yr3/2 very dk grayish brown sand

Hum B 10yr3/1 very dark gray humus

PZ C 10yr3/3 dark brown sand

SS D 7.5yr 5/6 str brown silty sand

Also w/ N852, 53, 54 W888

After VAR finishes sqs N826 W867,68,69 and her rootstain shill go to BLOCK 2 which is getting reopened-

lu 3
N858,9 W888,87 there are lg FCRs & limonite but very few (1-5 per sq) but most of these are rather lg - there are almost no smqtz. flakes -

← TPC profile E wall N850,51 W888

VAR's rootstain (discoloration) is fea 21. It is rather shallow w/ rocks in bottom, below cult. material - no cult. material in it -

Photos of NG & GXG lu 3 (limonite & FCR)

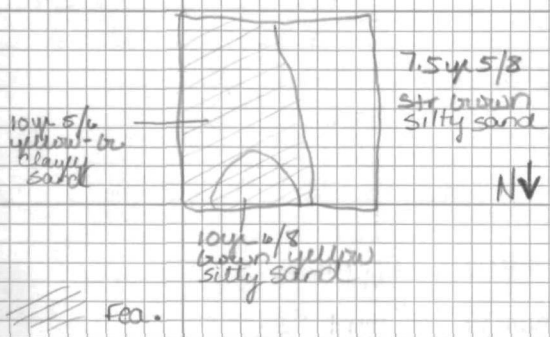
AIC has hammerstones in lu 2 of N856,57 W880,79

CJC more flakes from N849 W889 than from N848 W889, 88

8/25 Thurs wet from th'storms - high 80°s
THeight 101.565 - lea out w/ checks - WBO & DLG's last day -

GXG lu 4 N865,66 W892
DLG lu 3 N864,3 W892 very nice qtz scraper thermally altered - FCR & flakes

TPC
N849 W889



JVG lvl 4 N858,59 W888,89 fewer flakes & limonite etc.

TPC N849 W888 lvl 2 & 3 - in lvl 3 discoloration should appear so he's excavating in 5cm lvls to distinguish it -

CJC N899 W889 lvl 3 & N848 W889,88 lvl 3 - Flakes moderately heavy in N849 W889 but getting lighter as move S.

ALC photos lvl 2 N856,7 W880,79 hammer-stones - pt base (Bear Island?) & FCR scattered in sqs
RSL lvl 3 N854,3 W880,79
WBD lvl 2 N855 W873,72 this area to E still seems to be plowed deeper - Many big flakes & FCR were in PZ so very little will probably be in lvl 2 at best - Deeper areas of site appear to be N & S with shallower area here to E in Dorshow trench

TPC fea 22 apparent at 5cm into lvl 3 - Fea is in NE & SE quads - is much looser & lighter in color - inner area is lightest & a loose silty sand - outer area is darker (still lighter than sub) and looser compaction - appears to have some clay in this area. Extends into N848 W888 & N 849 W889. TPC will excavate N848 W888 for CJC.

Fea 22 extends into N848 W883 and into S wall.

DCB has a burned tree in N W
Charcoal sample from area.

NTW at w/ grandson John – WBD, DLG last day

8-26 Fri TH 101.565 Hot 90° Sunny
DRB didn't show up (gone to Wise.) VAR, GXG in Pitts. WBD & DLG back at school

ECW finished lvl 5 N855 W873,72 profile Swall
CAE photo of lvl 3 N863,64 W892 for DLG, trace A's and leave
JVG lvl 4 & 5 N858,59 W888,87 sterile
TPC lvl 3 & 4 N849,48 W888 FCR conc flakes
CJC lvl 3 & 4 N849,48 W889 flakes
ALC lvl 3 & 4 N856,57 W880,79 A's peeling off
RSL lvl 3 N854,53 W880,79 A's " off

Time cards due in PM – VAR & DRB done for them – ECW turned 1st in –

TPC mottled rhyolite Pt in E wall of N848 W888 lvl 4, stemmed

9-21	Open	Completed
Block 3	52	52
Block 1	117	97
Block 2	18	18
DONE	187	167

Profile of W wall of N865, 66 W892 done to base of PZ so N865, 66 W893 can be begun on Mon. Humus layer is relatively thin in profile

8-29 MOND. Rain allday - in lab

Boys to BCUA to pick up soil samples
Thanked Louise - our tools will be coming when BCUA gets A's back from fair
Others washing A's - tools, pts & crams not washed - Reminding them to clean bags out so flakes are not stuck in bottom
VAR ALC drafting
TPC & DCB washing for Chris Bause
RSL figuring from receipts how much Higgins $ has been spent -

DRB absent still in Wisc w/grandmother?

8-30 TUES. damp & overcast - high 80° -
DRB absent

GXG lvl 4 N865, 66 W892
JVG finishing DLG's sqs N803, 64 W892
TPC lvl 4 N848, 49 W888
CJC lvl 4 N848, 49 W889
RSL lvl 3 N 854.53 W880, 79 few flakes
ALC lvl 4 N856, 57 W880, 79 " "

VAR gone to UNIT 2 to reopen it and expand area -

GXG in N866 W892 lvl 4 SW qtz pt base (odd - may be fluted pt)

TPC lvl 5 N848, 49 W888
CJC lvl 6 N848, 49 W889 because many flakes still found -

GXG N866, 65 W892 lvl 5 some FCR; 1 minute 2 brown chert flakes (1 unusually worked)
JVG N864, 63 W892 lvl 4 2 chert flakes - these items along with fluted pt make this a possible older area of the site (Paleo)

8/31 Wednes. Cool high upper 70's - TH same - DRB still in Wisc.

GXG lvl 5 photo 4 lvl 6 N865, 66 W892
JVG lvl 5 N864, 63 W892 still 10-15 qtz flakes & 1-5 chert flakes
WR PZ etc starting N865, 866 W893, 94 for DRB
TPC lvl 6-7 N848, 49 W888 flakes diminishing
CJC lvl 7 N848, 49 W889 flakes diminishing -
ALC lvl 5 N856, 57 W879, 80 very few flakes
RSL lvl 4-5 N854, 53 W879, 80 very few flakes -

Area to the E still seems to be very shallow while the N is deeper and has nicer material —
Area to the S is deeper also

TPC profile E wall N849-48 W888 filled w/ root & rodent disturbance.

GXG green chert end scraper N865 W892 lvl 6 SE quad.
Both JVG & GXG have gotten jasper & other cherts today.

9-1 Thurs. cooler high 80's TH same - DRB is in town but absent again - His g'mother has cancer & he is apparently going to Wisc. This is typical DRB as I knew him 2 yrs ago -

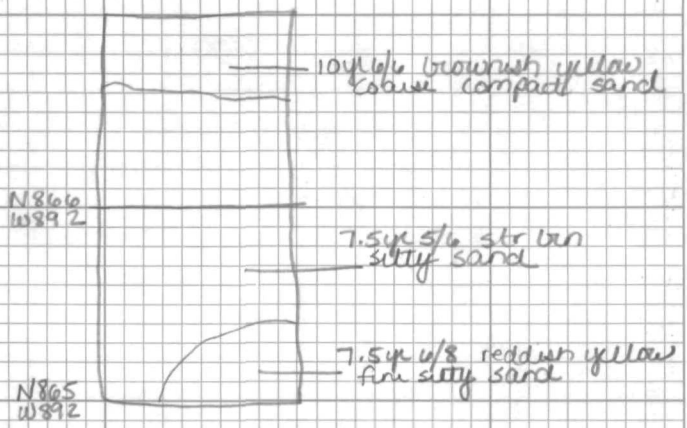
GXG lvl 7 sterile in N866 W892 -
10-15 flakes in N865 W892 - will take this to lvl 8 - 1 green chert unifac fragment in SE quad N865 photo

LJR PZ N866,5 W893,94

JVG lvl 5 N864,3 W892 limonite in Nat & 1 core - photo -

TPC is taking N859,60 W892 down 1 m. no A's J — 1 biface tip in N860 W892 at 115 m deep

plan of N865.66 W892
6x6 NTS Base lvl 7



for scale map see lvl sheet

N↑

AC profile W wall N879 W856,7
will start PZ N878 W856,7

RSL 1U 5 W879,80 N854.3 Will
profile W wall & open W878 N854,3

CJC 1U 12 N848,49 W890 many flakes

GXG 1U 8 N 865 W892 sterile
JVG

9-1 Friday high 80s - sunny cooler
Theight same - ALC & DRB done - DRB
is working for someone else & is not
coming back

GXG PZ & 1U 2 N865,66 W891
UR 1U 2 N865,66 W893 limonite &
flakes
JVG 1U 6 N864,63 W892 flakes have
stopped sterile 1U.

TPC still in N859,60 W892

CJC 1U 3 N848,49 W890, FCR in N849
rather dense scatter w pt in NW
RSL PZ W881 N854,53

VAR 3 pts in 1U 2 N W

GXG 72 flakes in NW, 82 in SW N865 W891
1U 2

Dennis Curry came out to look at the Paleo Component - the green chert scrapers have everyone excited

GXG very lg flakes & tools in lvl 2 - 400+ flakes in N865 W891

JVG lvl 7 sterile except for 1 flake in NW 2 in NE N863 W892 & 1 flake in SE lvl 7 N864 W892 -
LJR FCR & mylite, limonite in lvl 2 N866 W893 — very little (nothing large) in N865 W893

RSL worked thru lunch & left 2 hrs early - (he owes 1 hr)

9/5 Tuesday cool & clear, high 80's VAR has car trouble, ALC still gone on trip, it appears DRB has quit.

TPC has deep hole to 184 cms - white sand has changed to a deep red sand/clay.

JVG lvl N863, 4 W 892 1-5 flakes
GXG lvl 3 N865, 66 W891
LJR lvl 3 N865, 66 W893 2 pts
RSL P2 & lvl 2 W 881 N854, 53
CJC lvl 4 N841, 48 W890.

CAE draws profile of deep test in BLOCK 1

DCB's deep test in Block 3 has thick clay in bottom meter - not screened & 50 cm circular shovel test was put through clay rather than meter square.

WR is going very slow - JVG slows down when bored.

9-7 Wednesday cool & sunny, TH same, full crew + VAR's mother

BSL photo of lvl 2 W881 N853 - wrong date on photo board reads Sept 6 should be Sept 7.

GXG starting PZ on N865.66 W890 to expose post fea in E wall N865,66 W891 - lvl 2 N865 NEq qtr pt w/CC base

JVG lvl 2 N867,68 W892 (fea 25 lvl 2)

BSL lvl 3 W881 N854,53

ALC lvl 3 W881 N 856,57

WR lvl 2 N865 W893 1 point in N865 W893 SE quad (two in adjacent sq N866 W893

GJC lvl 6 N849, 48 W890 shoveled out
TPC PZ lvl 2 N847, W889, 88

VAR & mother continue in Area 2
N931.5, 30, 29 W934
DCB is finishing deep test in Area 3
will then begin N864, 63 W891
which may have many flakes &
Paleo - VAR's mom to screen.

CAE profile the deep test in Block 3

9-8 Thurs cool, sunny high 70's -
TH same VAR mother here payday
Hector Ventura 9-3
GXG & TPC back to hotel to get pt
GXG left in room -

JVG paperwork on fea 25 - a circular
limonite scatter similar to fea 11
in lvl 2 she was getting 30-40 flakes
w/ about 10-15 rhyolite & cherty material
N867 W892
LR paper work on lvl 3 - then 4
she has 3 pts in lvl 3 N865, 66 W893

GXG lvl 2 N865, 66 W890 w/ scatter of
FCR & pt. still 200-300 flakes/sq-

DCB PZ N864, 63 W891

ALC photo lvl 2 then lvl 3 W881 N856,57 - scatter FCR -

RSL lvl 3 W881 N 854,53 20-30 flakes

CJC lvl 7 N848,49 W890 10-15 flakes/sq opening lvl 8

TPC N847 W888,89 lvl 2,3 very few flakes appears to be out of cult mat this S lvl 2 few - lvl 3 more

VAR lvl 4 N W in Block Z

CJC beginning N848,49 W891

DCB qtz pt lvl 2 N864 W891 NWq. pt is vert. in ground & many of the flakes are vert in this sq also; 1 chert flake in PZ

LJR 1 chert flake (green) in lv 4 N866 W893

9-9 FRIDAY Cool & sunny, full crew - CAE in office today Tneight same

JVG lvl 3 N867,68 W892 limonite of Fea 25 left pedestaled to see what's underneath

GXG lvl 3 N865,66 W890 many flakes - +200/quad -

LJR lvl 5 N865,66 W893 - lvl 4 had 20 flakes/sq including 2 cherts

DCB lvl 2 N864,63 W891 40-50 + flakes/sq
246 flks in N864 -

TPC lvl 3, 4 N847 W888,89 - lvl 3 had more lithics than lvl 2 deposits are deeper here - lvl 4 broken qtz pt

CJC lvl 2 N848,49 W891
ALC lvl 4 N856,57 W881
RSL lvl 6 N854,53 W881 1-5 flakes/sq (but lvl)
VAR lvl 4 N931.5,3 W934 flakes dropping - lg limonite rocks appear

the flake concentration of DCB & GXG is in sqs N865 W891 SE quad, N865 W890 SW quad, N864 W891 NE quad, and possibly N864 W890 NW quad (currently unexcavated.).

- RSL profile of W wall N854, 53 W881

GXG qtz "stunner" pt - reworked base w/ rounded "tip" of pt.

TPC found pt PC broken longways in lvl 4 N847 W889

GXG rhyol pt in N866 W890 lvl 3 NW q.
& qtz pt base in N866 W891 lvl 3 NE q.

LWR lvl 5 2 chert flakes (1 brown, 1 gr.) same relative position as chert flakes from lvl 4 - green & green

DCB Buchner endscraper in N864 W891 lv3 NWq. (4 sided pc.)

9-12 Monday cool & sunny, THright same, CAE off, Rick visiting.
VAR lost paycheck & has to call to see about getting new one - CAE & friend in PM to look around
Rick lvl 6 lyr 2 N858 W892. sm grinding stone in NW quad uncovered while cleaning for photos of dep test in N859 W892 so Rick is going down 1-3 levels to see what's there - metate found in lvl 4 N859 W892 - may be in assoc.

JNG lvl 3 N868 W892. FCR: limonite conc in SW quad assoc w/ fea 25.
VAR N931.5, 30.5, 29.5 W934 lvls 5-6
WR lvl 6 N866, 65 W893 some flakes

GXG lvl 4 N866, 65 W891, 90

DCB lvl 3 N864, 63 W891 1 chert scraper many flakes.
ALC PZ N858 W880, 79
RSL PZ N852 W880, 79
CJC lvl 3 N848, 49 W891 100+ per square many more flakes
TPC lvl 4.5 N847, W888, 89 lvl 4 qtz tool -

Discovered TPC has had both N847 W888 & 889 labeled as N848 W888, 889 from PZ - lv4 photo taken -

Rick charcoal sample from lvl 6 N858 W892 very close to cobble in NW quad - 4 sm qtz flakes from unit also -

ALC very little from lvl 2 N858 W880, 79
RSL FCR & flakes lvl 2 N852, W880, 79
black stain (tree) in SW & NW quads W880 -

2 Brothers KC (Westinghouse) & Wayne (BCVA student) out Wayne may be back to work -
Dennis & Jay Custer out to view Paleo - Dennis still excited while JC was skeptical at best - a's were locked up & couldn't be viewed -

LVR sm lumonite cluster in N865 W893 NE qu. no photo - in this & N866 W893 there were 5-10 flakes lvl 7 to be exc. just to be sure

CAE & friend out to look around -

RSL SE q N852 W879 Small lvl 2 lg biface point

9-13 Tues Rain, in lab, LVR, RSL, VAR, ALC in new lab - CJC, TPC, GXG, JVG, DCB all in old lab washing.
Cleaned van, pollen sample log

N↑

JVG

NTS

N868 W892
W 3

X Area of FCR

O Area of limonite
(Not feat's or Concentration)

N867 W892
W 3

9-14 Wednesd. cool, sunny, TH same, GXG in Pittsburgh.

VAR will continue GXG's sqs N865, 66, W 891, 90 lvl 4, 5

JVG N867, 68 W892 lvl 4 Fea 25 expanded on lvl 3 to cover both sqs

LWR N865, 66 W893 lvl 7

DCB N864, 63 W891 lvl 3, 4

AIC N858 W879, 80 lvl 3 appears to be getting out of cult mat - lvl 2 had 3 FCR and few flakes

RSL N852 W879, 80 lvl 2 - FCR scatter

TPC N847 W888, 89 lvl 5, 6

CJC N849, 48 W891 lvl 3 - lvl 2 photo FCR scatter (15-20 pcs); 75-100 flakes in lvl 3/sq, lvl 4 30-50 flakes/sq
JVG Fea 25 was conc in lvl 2 with 20-25 limonite pcs in lvl 3
In N868 W892 limonite is more common again towards N 1/2 - FCR is in N 1/2 especially concentrated in NW corner & NE quad. A limonite cluster at SW quad of sq is fea 26 - N867, 68 W893 will be opened to see if FCR is in NW to continue fea 27

TPC
N847 W888

N ←
NTS

PZ 10YR 3/3 dark brown
loamy sand

SS 7.5YR 5/6
Strong brown silty sand

WR thru lu. 8 to get sq even w/ Paleo section - N865, 66 W891

TPC lu 7 N847 W888, 89 - lu 6 had 4-6 lg flakes scattered throughout sq.

DCB N864, 63 W891 lvl 4 50-70 flakes/sq.
NTW PZ N867, 68 W893
9-15 Thurs sunny & cool - THeight same - GXG in PA, ALC sick - Mrs Doischow & Deka visit in AM - Call about vans

JVG mapping Fea 26, PZ N868 W893 to expose rest of fea 27

VAR lvl 5 N865, 66 W891, 90 - While lvl 4 had no limonite or FCR lvl 5 is failly heavy with both.

WR N865, 66 W894 lvl 2

DCB N864, 63 W891 lvl 5, FCR & limonite appearing after a relatively sterile lvl 4.

RSL mapping lvl 2 N852 W879, 880 then lvl 3
TPC finished lvl 7 & sqs N847 W888, 89 - profile of E wall
CJC lvl 5 N848, 49 W891 20-30 flakes

RSL lvl 3 limonite in N852 W879 E 1/2 sq.

TPC digging deep test in Block 2 N831.5 W934 Lvl 8 Lyr 3

VAR a chert scraper in N 865 W890 SW q.
limonite
possible shaft abrader N866 W891 NE q.
JVG starting N869 W892, 93 as well as doing N87, 68 W893

Myron (from Sun) out 1/2 day screened & dug PZ for JVG

9-16 Friday sunny mid 70's. TH same, AIC still sick. RSL leaving at noon, LJR at site but ill.
GXG back from PA Call at 9:00 about 9

JVG stopped at lvl 3 in N867, 68 W892 will do to lvl 3 in N867, 68, 69 W893 & N869 W892 to expose feas 26 & 27

GXG back in N865, 66 W891, 90 lvl 6
DCB lvl 6 N864, 63 W891 - is keeping rock scatter from N864 lvl 5 pedestaled thru lvl 6.
RSL photo of limonite, FCR in lvl 3 N852 W879 - no rocks in W880. starting lvl 4.

TPC deep test
VAR finishing in Block 2 N929.5 W934,
CJC lvl 8 N849 W891 very few flakes (1/5) last level - N848 ended at lvl 7

Van rental to meet today to exchange blue van.

CJC taking N867 W892.93 lvl 2
JVG doing N868, 69 W892, 93 - lvl 2

CJC limonite at lvl 3 N867 W891 part of fea 25 -
CAE P2 N867 W890 profile of N wall of N866 W890, 91 for GXG before wall is destroyed -

DCB & GXG finished lvl 6 in their sqs. GXG had no lg rocks. DCB has retoched chert flakes, chert. In N869 GXG still had flakes though # is down considerably. N865 has more at this lvl than N866 has.

9-19 MONDAY warm sunny mid 80's. - Full crew, TH same - DRB does not want paycheck so MGS is mailing it.

ALC N858 W879, 880 lvl 5-6
RSL N852 W879, 880 lvl 4 5-10/sq
VAR N928.5 W 934 lvl 4, 5, 6

DCB N864, 63 W891 lvl 7, 0-5 flks/sq
GXG N866, 65 W891, 90 lvl 7, 0-5 flks/sq
lvl 8 sterile - finished
CJC lvl 3 N867, W893 lvl 3 -
limonite showing up - assoc w/ fea 25.
JVG lvl 2 N868, 869 W892, 93 -

WR lvl 3 N865, 66 W894 10-20 flks/sq

VAR PZ N868, 69 W891

TPC PZ N864, 63 W893 (stopped dp tst 125cm)
CJC N867 W893 lvl 3 NWq 1 pt base qtz -
1 lg chert flake - pt base is stemmed

Myron out 8:30 - 11:30

CAE PZ in N867 W890 - also profile of
N wall in GXG's sq N866 W891, 90
VAR profile N867, 68, 69 W892 before doing
PZ & destroying profile

Pallio appears to be stratified - limonite/FCR
appears at lvls 2/3 and in lvl 5/6. LJR, JVG,
GXG, TPC, CJC all have sqs that conform to
this pattern - exp fea 25, 26, 27, 28 all in
2-3

CJC N867 W893 lvl 3 limonite scatter in E1/2
is 25A - most of 25 was in lvl 2 so we
shall wait to see what happens in lab -
in NWq is FCR conc w/chert flake & pt -
fea 28.

9-20 TUESD humid, cloudy chance of showers -
Thought same - full crew Vento out to look
at deep tests & formation. Two other MGS
geologists & KB out.

Yesterday DCB cut tree down & it fell across
N864.3 line hitting TPC & DCB's holes -

2 gal soil samples

CAE bought saw & we removed most of it but TPC's E & W walls are crushed.

DCB finished sqs - is starting N863,4 W890
TPC PZ N863 W893 then lvl 2 on it & N864 W893
GXG N867 W891, N867 W890 PZ lvl 2
(CAE did PZ of N867 W890 already

VAR lvl 2 N868, 69 W891
JVG lvl 3 N868, 69 W892, 93 nice flakes, FCR - this is going to expose more of F 26, 27 we hope

CVC map F25A, 28 N867 W892, 93.
soil sample 25A / remove - 28 start lvl 4
WR lvl 3 N865, 66 W895

AIC PZ, lvl 2 N856, 57 W878 - trench / f. 18 runs thru sq at PZ base
RSL finishing N852 W879, 80 -

RSL profile W wall N852 W880 Munsells
10yr 4/1 PZ loamy sand
10yr 3/1 tree silty sand
7.5yr 5/8 SS silty sand

RSL PZ N854, 53 W878

Vento etc think Stoney Run use to be across site producing deposition

9-21 Wednes wet from storms last night - warm, sunny - Thought same - RSL late

DCB PZ in N864 W890 (by pine tree in center of sq.) then lvl 2 N864,63 W890

GXG lvl 2 & 3 N867 W890, 91 - lvl 2 had nice rhyolite flakes & FCR scattered in base - poss fea in W891

VAR lvl 2 & W N868, 69 W891 lvl 2 nice rhyolite flakes - some scatter of FCR.

JVG thru lvl 3 in N869 W892 & N868 W893. N869 W892 had scatter of FCR & flakes w/ pt - no fea. N868 W893 had scatter of FCR & some limonite no fea - Sq w/ fea 27 (N868 W892) is ~6 cm lower than adjacent sqs so no more of fea is visible yet - N869 W892 lvl 4 should expose it

CJC lvl 4 N867 W892, 93 - Fea 25A taken out - Fea 28 left in to see if it extends into lvl 4

WR N865,66 W894 - lvl 4,5 nice brn chert flake - otherwise flakes are dropping off considerably - 2 chert flakes in lvl 5

TPC lvl 2-3 N863, 64 W893 scatter of FCR - in lvl 2 - rather light appears to be out of it.

LWR N profile
N8606 W8894

A	Humus	10yr 3/1
B	PZ	10yr 4/2
C	Rem PZ	10yr 4/3
D	Subs.	7.5yr 5/6

AIC lvl 3 N856, 57 W878 - lvl 2 had 2 FCR. no photo - very few flks in lvl 3

JVG discovered N868 W893 lvl 2 & 3 and N869 W892 lvl 2 & 3 have been labeled wrong as N858 & 859 - all bags & photos for N869 W892 lvl 3

GXG photo of lvl 2 N867 W890-91. All rocks to be pedestaled thru lvl 3. Fea 29 is FCR & limonite conglomeration in ctr of N867 W891 at the base of lvl 2

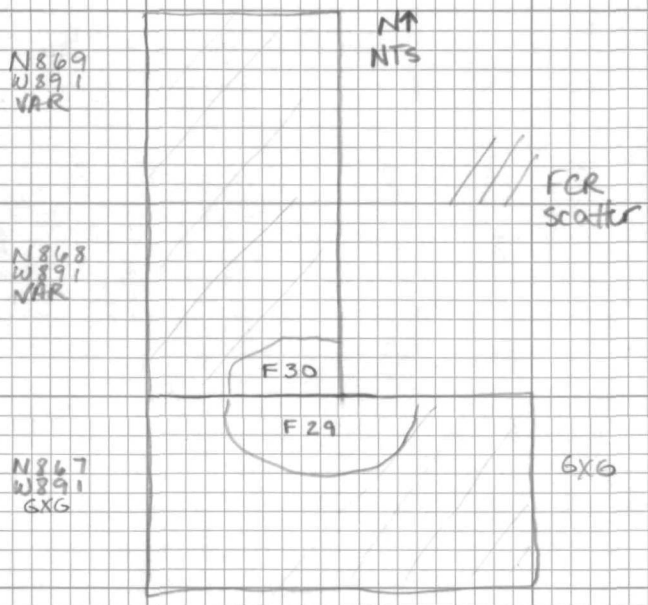
RSL PZ N854, 53 W878 - flakes in PZ follows pattern in this area that deeper plowing or other factors have material closer to the surface than anywhere else.

OF VARS 2 sqs N868 W891 has more flakes esp more chydite & limonite than N869 W891 does - qtz point in N868 W891 NW quad. poss fea in NB68

9/22 Thurs - Cool, sunny high 80 - CJC sick Tyler may be out this PM.

DCB lvl 2 - N863, 64 W890 many flakes but they may be due to root action -

GXG lvl 3 N867 W890, 91 many FCR left from lvl 2 - fea 29 left also


N
NTS
N869
W891
VAR
FCR
scatter
N868
W891
VAR
F30
F29
N867
W891
GXG
GXG

VAR lvl 3 N868,69 W891 many FCR on this lvl point and poss fea -

JVG lvl 4 N869, W892,93 N858 W892,93 - exposing feas 26,27

LVR lvl 6 N865,66 W894 - some flakes - not many

TPC lvl 3 N864,63 W893 - 20-30 flakes -

ALC N856,57 W878 finish today - very little in these sq's at all

RSL N854,53 W878 lvl 2 - PZ had a lot but subsoil is full of roots as yet

ALC PZ in N870, W892,91 - pt in W892

VAR & GXG share fea 30/29 > the same fea. but fea 30 designation will be taken off - fea 29 is lg mass of FCR & limonite. It is compact and widespread over a large area -

DCB pt in NEq lvl 2 N864 W890

LVR N866 W894 N profile then onto N867, 68 W894 lvl 2 - PZ taken out by Myron & CAE

9-23 Friday CAE office thru AM - full crew TPC leaving at 1:30, CJR leaving at lunch - both have worked thru lunch to make up time -

DCB Jul 2 N863, 64 W890 most of N864 is under large tree trunk - so flakes etc were probably brought in this way - slow going

GXG N867 W891, 90 Jul 3 Fea 29 is in W891 and the rest of these sqs are covered by a very lg FCR & Lumonite Scatter - & slow work.

VAR N868, 69 W891 Jul 3 Fea 29/30 is in N868 - slow mapping - then Jul 4 - GXG will take over the S 1/2 of N868 W891 so he can work on Fea 29 solely.

ALC Jul 2 N870 W892, 91 2 pt bases in SW & NW quad of N870 W891

JVG Jul 4 N869, 68 W893. Jul 4 N868, 69 W892 photo'd & mapped - got closeup of fea 26 & will do the same for fea 27 when it's exposed - Appears to be out of cultural material in NW part of N869 W893

CJC N867, W892,93 tracing fea 28 lvl 4 then will do lvl 5-8 soils & pollen from fea 28

LJR P2 - lvl 2 N867, 68 W894 -

VAR giving S1/2 of N868 W891 to GXG so fea 29 will be done by 1 person & consistant -

TPC pt (Base Ls?) in N863 W893 lvl 4 NWq

VAR pt in N868 W891 NEq lv 4

9-26 Monday cool & sunny, wet from weekend rain - TH sarke - full crew

DCB still fighting with tree in N863, 64 W890 - lvl 3 when hi gets thru roots & ready to dig

GXG N867 W890, 91 & S1/2 N868 W891 (from VAR) - lvl 3, fea 29 is isolated & photos of it alone will be taken -

VAR N869 W891, N868 W891 N1/2 lvl 5 -

ALC N870 W891, 92 lvl 3 (pt tip)

JNG N868, 69 W892, 93 - fea's 26 & 27 are isolated (lvl 4) separate photos then lvl 5 SS & ps from fea 26 & 27 -

CJC N867 W892,93 lvl 6 very few flakes - all qtz - less than 5 per sq - 2 brown chert flakes - 1 retouched - (moderate - lg flakes)

LJR N867,68 W894, lvl 2 (pt tip) - photo & will start lvl 3 tomorrow -

TPC N863,64 W893 lvl 5 flakes moderately heavy here -

RSL will finish N854,53 W868 today & move onto - N862 W893

ALuckenback (AACo Arch) out, Bill Barse & Bob Wall out also timecards due tomorrow - 77 Hrs this period

9-27 TUESDAY cool, sunny high 70's - TH same GXG in Pittsburgh for the day - Trust & Ira are suppose to be by this AM -

DCB lvl 3 N863,64 W890 - FCR & flakes picking up but tree in unit makes it hard to really see pedestled items -

VAR lvl 6 N868,69 W891 limonite & FCR picking up after very empty lvl 5

ALC lvl 4 N870 W892,91 after pts & FCR from lvl's 2 & 3 this level is slower -

JVG paperwork on N868,69 W892,93 Fea 26 & 27 (lvl 4) most of today -

CJC lvl 7 N867 W892-93 very little but some chert flakes as in lvl 6

WR W1 2 paperwork N867,67 W894
FCR, pt, pt tip the W1 3 where
density should pick up

TPC W1 5 N863,64 W893 fewer qtz flakes-
no chert, no FCR; W1 4 had FCR, pt
(Bare Island) and quite a few pts.

RSL PZ N867 W893 - a 1x1 opened since
thu is the last week and we need to
finish all we open-

Wa mentioned yesterday he wants info for a
press release & will gather stats while out
today. - All kinds of MGS bigwigs out today-
Tyler, Dr weaver, geologists are back - Trust people
out too Beth Cole, Richard Hughes Ethel Eaton

VAR W1 7 limonite cluster of lg. rocks
one lg one in ground vertically.-
No FCR * yet but left pedestaled thru 8
CJC also cluster of limonite in W1 7 but
these are small rocks-

DCB removed tree & hopefully digging
will be easier now.-

9-28 Wednesday- sunny, warm. 80°, full
Crew- Theight same -

DCB finished W1 3 & is cleaning for
photo - 1 root had flake in it & FCR under.

GXG finishing paperwk for Fea 29 then lvl 4 N867 W891,90 & S½ N868 W891

VAR lvl 8 N868 W891 N½, N869 W891 leaving limonite pedestaled limonite = Fea 31 (it's in N869 W891

ALC lvl 5,6 N870 W892, 91

JVG doing last paperwork on Fea 27 -

CJC lvl 8 N867 W892,93

LWR lvl 3 N867, 68 W894 - sm FCR conc is Fea 30 in NE q N868 W894 lvl 3.

TPC lvl 5, 6 N863, 64 W893

RSL lvl 3 N862 W893 - lvl 2 was empty similar to TPC's lvl 2 -

9-29 Thurs Cloudy-cool high 70 - looks like rain, TH same, full crew I'm leaving at 11:00 to do thesis -

DCB lvl 4 N863,64 W890 is finding charcoal & fain "stain" in N864 - Not to be skeptical but this is around a tree he cut out... Otherwise he's finding lots of flakes & yesterday a translucent white chert flake! -

GXG lvl 4 & 5 N867 W891,90 flakes heavier to W under feature - Clovis pt - lvl 5 SW q N867 W891

VAR lvl 4,5 N868 W891 S½, lvl 4 had lots of qtz & rhydite flakes -

AIC lvl 7 N869 W892.91 everything has dropped way off.

JVG 30-40 rocks under fea 27's exposed rocks were found - new map etc. Hopefully now fea 27 can be picked up and lvl 5 started in N868,69 W892,93

CJC lvl 8 N867 W892.93 1 chert flake yesterday - last lvl - she's going to take off lvl 6,7,8 of N862 W892

WR lvl 4 N867.68 W894 very little.

TPC lvl 7,8 N863,64 W893 flakes dropped off.

RSC N862 W893 lvl 4 moderate flakes -

Mr Higgins out -

CAE soil samples of dup test in Block 241

9-30 Fri cool cloudy 70°, Tn same - rumor of extending site b/c of Paleo - Higgins, Alice Dorsrow & Peta out

DCB lvl 5 N863,64 W890

GXG lvl 6 N867 W891,90 still fauly lg flakes -

VAR sm FCR conc in 5½ N868 W891 is fea 31
lvl 6 - mapping etc - lvl 7 next

AIC found N870 W892,91 at lvl 7 - took N869
W892 from JVG lvl 5 of this unit is
full of natural rocks - probably a gully

VAR doing N868 W892 for JVG - probably also
a gully. lvl 5

JVG N867,68 W893 - sm rhyolite pt in N867
W893 SE q. Otherwise lvl 5 is empty

CJC 1 core in N862 W892 thru lvl 7 where
is equal w/ surrounding lvl 8s.
Shes on to do N868 W894 for WR lvl 4,5

WR N867 W894 lvl 5

TPC lvl 7 N863,64 W893 - will do lvl 8 too

RSL lvl 7,8 N862 W893 -

Railroad employee stopped and expressed
interest, ira dt, CJC last day.

10/3 Monday - CAE in office, CJC quit,
Full crew Th same, damp cloudy 70's

RSL clearing along W 889 line to open 5 new squares along E side of GXG & DCB

TPC lvl 8 N863,64 W893 - nothing - finished

WR lvl 6,7 N867,68 W894 very little

VAR lvl 6,7 N868 W892 & 5½ N868 W891

JVG lvl 6,7 N868,69 W893 - very little

AIC lvl 6,7 N869 W892 very little -
In AIC, VAR & JVG there is lots of natural rock. - possible gully

GXG lvl 6 N867 W891,90 flakes conc under fea 29, N867 W891

DCB lvl 5,6 N863,64 W890 moderate flakes

RSL opening N865,66 W 889, pt in PZ of N866

Found 2 baby mice this AM but mama mouse rescued them -

CAE out 10:30 Higgins out til noon
Rain at 12:00 - Into office to lab -
Crew dinner at 6:30 HWN
10/4 Tues damp, cloudy -
GXG & JVG gone -

TPC moving backdirt

RSL PZ at N866 W889 ;

DCB lvl 6 N864,63 W890 lvl 5 had very little

VAR lvl 8 N867 W890,91, for (GXG)
lvl 8,7 N868 W892

ALC lvl 8,7 N868 W893, N869 W892,93 for JUG - limonite across these sqs - in lvl 7,8 - photo

WR lvl 8 N868,67 W894 nothing

Apparently no decision on a stopping, we are going to continue project until finished or forced to stop - will continue w/ W889 line

10/5 Wednes cool, sunny TH same - full crew

I stayed in office til 10:30 a.m. Went with Lisa Kelly to BCUA to start water screening - Chert flake found in 1st screening of lvl 7 N865 W892 -

Shoveled back dirt all day at site - We have to backfill all areas -

DCB lvl 7 N863,64 W890 - base of PP maybe Paleo - too small to tell

RSL lvl 2 N865,66 W889 - 2 pts. 1 whole unit -
1 broken w/ polish visible
TPC PZ lvl 2 N866 W888,87
LJR PZ N866 W886,85 in road
VAR lvl 9 N867,68 W891 flakes still
ALC lvl 8 N868,69 W892,93 natural rock
cluster - old stream -
VAN broken into personal tools taken -
10/6 Thurs - Cool sunny, full crew, TH same
DCB lvl 7,8 N863,64 W890
RSL lvl 2 N865,66 W889
TPC lvl 2 N866 W888,87
LJR lvl 2 N866 W886,85
VAR lvl 9 N867,68 W891
ALC photo nat'l rocks N868,69 W892,93 lvl 8
finished
PZ in N865 W888,87 - rhyol pt tip in W888
VAR photo of limonite cluster in lvl 9 N867,68
W891 - limonite in pedes will stay exposed
thru lvl 10. Flakes found in lvl 9 esp around
rocks
CAE in office at 12
10/7 Friday cold, TH same. VAR in PHsbrg, Megan, Josh, Dave
Dave K backfilling -
LJR lvl 2,3 N866 W886,85 little
ALC 2,3 865 887,88 flakes - 1 chert lvl 3, pt tip lvl 2
TPC 2,3 866 887,88 little
RSL 3 N865 66 W889 lots flakes
DCB 8,9 N863,64 W890 1 chert, 1 qtz flake - lvl 8
all A's conc in N864
CAE in office til 2 or so

10-10 Monday cold sunny. TH same - full crew, backfillers here except Kirpatrick who never got message. -

DCB PZ N863, 64 W889
RSL lvl 3 N866, 65 W889 many FCR etc on peds
ALC lvl 3,4 N865 W888, 87
TPC lvl 3 N866 W888, 87 slow very little
LR lvl 3 N866 W886, 85 slow, very little
VAR lvl 10 N867 W891 N868 W891 - limonite cluster in ctr & some limonite on floor going into normal limonite & rocks
VAR will move to N866 W884, 83 when done. Josh has already gotten the PZ of 2 these sqs. Fea in SE part of N866 W883 - Opening W882 & 50cm of N865 W883 to completely expose.

10-11 TUES. cold sunny. TH same - Time cards due. CAE in Penn today & tomorrow - backfillers here - working on Block 2.

VAR N866 W862, 63, 64 & N865 W863 N 1/2 lvl 2 fea exposed in 862/63 piece eigville? from PZ of W862 chert, also a limonite flake loaded w/ FCR
LR lvl 3, 4 N866 W886, 85 very little
TPC lvl 3, 4 N866 W887, 88 at tap, very little
RSL lvl 3 N866, 65 W889 loaded w/ FCR & flakes
ALC lvl 4, 5 N865 W887, 88 very little

DCB lvl 2 N863,64 W889 - red jasper flake in N864 W889 SWq. pt in N863 W889 NWq,

VAR's sqs are loaded with bifaces and blanks - many flakes along with these pedestaled things -

RSL, WR & TPC still very slow despite urging to speed up. RSL wanted to know why we don't have Columbus Day off - he also needs Nov 11 - Oct 31 off.

10-12 Wed. Cool sunny/pt cloudy. TH same, Full Crew, Ned out 10-3.
Tyler & wife out AM. Ira may be out.

VAR finished lvl 2 N866 W884,3,2 = very many lg flakes, ~6 bifaces. FCR, H stones, no gd concentration - things drop off drastically in E 1/2 of W882.
Will start lvl 3

WR lvl 4,5 N866 W885,86 very little

TPC lvl 4,5 N866 W887,88 very little
ALC lvl 5,6 N865 W887,88 1 qtz flake - very little
DCB lvl 3 N863,4 W889
RSL lvl 3,4 N865,66 W889 - finally thru lvl 3!

10-13, 14, 17 Thurs. Fri, Mon out of town
10-18 Tues Rain at 1045- early when I in - CAE has notes

10-19 Wed. CAE in office, VAR in office now - Josh (JEN), Kelly (KKC) & Dave (DLK) are on crew. RCB in Co all wk - damp & cold - TH same,

DLK N862 W891,90 lvl 3,4
KKC N863,64 W889 lvl 4 finishing DCB's sqs
LWR N 863,64 W888 lvl 2 a drill & 2 bifaces

JEN N866 W886,80 lvl 3 many roots, Rw flakes

RSL finished N866,65 W889
TPC N867,68 W889 lvl 2
ALC N868,69 W890 1g tree in N868, Fea. 29 in this sq also - lvl 3 has fea & scatter of FCR.

RSL starting P2 on N865,66 W895

LWR took drill home & good because last night someone was out & dropped over her FCR & stole a biface. - They also dug a sm amt & got some rocks in the NE corner of N864 W888

Ned out 11-3
Bill Lynch 1-2:15

JEN said the Bergen crew (Gary) is finding lots of limonite at the airport also

Rain shower 1-2 Kept going -
Profile of N wall for VAR - N866 W884,3,2.

10-20 Thurs sunny, cool, TH same -
JEN sick,

TPC finishing 1u1 2 N867,68 W889 -
FCR, McCorkle pt base

ALC 1u1 4 N867,68 W890 fea 29 is in 1u1 3 only - 1u1 4 has scatter of FCR - quite a few flakes from under tree

RSL 1u1 2 N865.66 W895

KKC 1u1 5 N863,64 W889 some flakes -

LR 1u1 3 N863,64 W888 scatter FCR
DLK 1u1 3 N862 W891,90 photo - tip of pt found in area between 1u1 3-4

In trench N866 in center of road - there are dark horizontal stripes (not regular) at the floor, extending 30-90 cm up the South wall. CAE photographed this

CAE PZ N862 W889,88

CAE brought checks - she had to meet w/ railroad's yesterday & they are pleased with progress.

I left the ladder out so came back at 4:30 & locked it up. No sign of disturbance. I think WR's sq was tampered with during the day Tues when we were rained out - perhaps by a Westinghouse person who didn't want to jump the ditch

10-21 Fri Cloudy, 50's, 100% chance rain - Thought same - full crew

JEN 101 4,5 N866, W881,80 very little -
TPC 101 3 N867,68 W889 scatter of FCR - flakes & McLaker pt but no fea

AIC 101 5 N867,68 W890 rhyolite & qtz under tree, pt base (unid) & FCR scatter

RSL 101 3 N866,65 W895 flakes -
DLK 101 4 N862 W891,90 2 pts, flakes - slight FCR scatter
WR 101 3,4 N863,64 W888 flakes
KKC 101 5,6 N863,64 W889 flakes

rain at 10:30 ish - in lab rest of day -

10-24 monday Theight same rain in AM
sunny in PM - WR absent -> DCB back

rain in AM kept us inside til 1:00 -
Lunch 11:30 - 12:30
RSL at site 1:30

JEN lvl 5 N866 W881.80 very little,
DCB PZ lvl 2 N867,68 W888

TPC lvl 3 N867.68 W889
ALC lvl 5 N868,69 W890
RSL lvl 3 N865,66 W895 1 chert flake in N865 lvl 3.
KKL lvl 5 N863,64 W889
DLK lvl 4 N862 W890,91

10-25 Tues. Theight same - full crew -
sunny cool - 50's -

CAE in office at 10 to sort out pts
for Debbie Suward to work on -

WR, TPC & DLK have accepted job w/ Pitt
in West so this is their last wk.

JEN lvl 6 N866 W881-80 shoveling - very
few As.
DCB lvl 2-3 N867-68 W888 pt in lvl 2
868 moderate A's - rhyolite

TPC 1014 N867-68 W889 - photo of 1013
W Hstone, FCR & McCorkle pt base

RSL 1013-4 N865, 66 W895

LWR 1011 N863, 64 W888 few A's
KKC 1010 N863, 64 W889 few A's
DLK 1015 N862 W891, 90 - 1014 had
2 pts -

Don Sykes & Ned out after lunch -

JEN began N862 W889-88

Profile of North wall in N866 trench -

On Wed. CAE & I are to be in CPR class
so ALC will be in charge - JEN will do
photos. Decision to stay in field made
after we found out about crew going
West -

10-26 Wed - CAE & I in office for CPR class
ALC in charge - Very little found - no
pictures -

10-27 Thurs. Cold - Sunny low 50's. TH same
full crew. CAE inside -

DCB 1016, N867, 68 W888

TPC lvl 7,8 N867,68 W889 finished sq. profile of N wall & profile of N868 W888 N wall for DCB

ALC lvl 8 N868,69 W890 - lvl 9 in N868 W890

WR lvl 7,8 N863,64 W888 1 flake in lvl 7, lvl 8 sterile

KKC finished (thru lvl 8) N863,64 W889 is now taking over N862 W888 for JEN. On lvl 3 & has flks & FCR & 1pc window glass.

JEN N862 W889 lvl 3 pt (qtz lopsided) - FCR & lg flakes -

DLK lvl 7,8 N862 W890,91 lvl 7 sterile

RSL lvl 6, N865,66 W895 - qtz pt base in N865 - 1 flake in lvl 7 of N866, -

WR, DLK and TPC should finish today - All three of them have decided not to work tomorrow - so they can get ready for their trip

Stopped lunch at 12:40 to clean site - News 11 came out at 1:30 - 2:30 & filmed story on site - CAE & Dennis came out to be interviewed. Ended day at 3:00 due to short lunch.

CAE in office tomorrow also

10-28 Fri. Cloudy warmer 60's - TH same
Crew now is KKC, JEN, ALC, DCB & RSL -
RSL is sick -

DCB finished N867.68 W888 (lvl 8)
ALC finished N868 W890 (lvl 9)
I finished N866.65 W895 (lvl 8) for
RSL

KKC & JEN continue lvl 4, 5 N862 W888,
89 - pt in 888 SE q. lvl 4 -

AL Luckenbach out -
Pollen samples from dup tests -
Backfilling Paleo area -

Rain at Noon - Crew back to lab to
organize pollen bags & sort level sheets -

10/31 Monday Cold sunny DCB & ALC
inside w/ CHE - RSL off.

KKC lvl 5-8 N862 W888
very little in these sqs -
JEN lvl 5-8 N862 W889 -
white wave in lvl 5 -
very little in these sqs -
I backfilled while they finished sqs.

* pt at top of fire road

7/13	Point		Elev.	TRUE ELEVAT.	Stadia	transit
	N960	W900	97.3	90.19	4.20	N900 W900
	N945	W900	98.33	91.22	3.17	"
	N930	W900	99.10	91.97	2.40	"
Road	N922	W900	99.00	91.89	2.50	"
	915	900	99.165	92.54	1.85	"
TP D	900	900	100.00	92.89	1.50	"
	885	900	100.17	93.06	1.33	"
	870	900	100.23	93.12	1.27	"
	855	900	100.02	92.91	1.48	"
	840	900	100.04	92.93	1.46	"
	825	900	100.18	93.07	1.32	"
	810	900	100.22	93.11	1.28	"
	795	900	100.13	93.02	1.37	"
	780	900	100.03	92.92	1.47	"
	765	900	99.63	92.52	1.87	"
	900	915	100.23	93.12	1.27	"
	900	930	100.45	93.34	1.05	"
	900	945	100.52	93.41	.98	"
	900	960	99.68	92.57	1.82	"
	900	975	97.54	90.43	3.96	"
*	900	888	99.83	92.72	1.67	"
	900	885	99.42	92.31	2.08	"
	900	870	99.18	92.07	2.32	"
	900	855	98.50	91.39	3.02	"
	900	840	97.64	90.53	3.86	"

* Edge of woods
R in fire road

	Point		Elevat	TRUE ELEVAT	Stadia	transit
TP D	R 900	885	99.42	92.31	1.45	900 885
	R 885	885	99.90	92.79	.97	
	R 870	885	99.86	92.75	1.01	
	R 855	885	99.65	92.54	1.22	
	R 840	885	99.37	92.26	1.50	
	R 825	885	99.20	92.09	1.67	
	R 810	885	99.09	91.98	1.78	
	R 795	885	98.96	91.85	1.91	
	915	885	99.04	91.93	1.83	
	930	885	98.73	91.62	2.14	
	945	885	98.44	91.33	2.43	
*	960	885	98.09	90.98	2.78	
	900	825	96.59	89.48	4.28	
✓	Btm ditch #1		96.15	89.04	4.72	

	Point		Elevat	TRUE ELEVAT.	Stadia	transit
TP D	900	870	99.18	92.07	1.39	900 870
	885	870	99.49	92.38	1.08	
	870	870	99.51	92.40	1.06	
	855	870	99.41	92.30	1.16	
	840	870	99.15	92.04	1.42	
	825	870	98.76	91.65	1.81	
	810	870	98.25	91.14	2.32	
	795	870	97.88	90.77	2.69	
	915	870	98.80	91.69	1.77	
	930	870	98.72	91.61	1.85	
	945	870	97.87	90.76	2.70	
*	949.5	870	97.57	90.46	3.00	

	Point		Elevat	TRUE ELEVAT	Stadia	transit
D	885	900	100.17	93.06	1.61	885 915
TP	885	915	100.28	93.17	1.50	
	885	930	100.38	93.27	1.40	
	885	945	100.55	93.44	1.23	
	885	960	99.85	92.74	1.93	

	POINT		ELEVAT		Stadia	transit
D	885	915	100.28	93.17	1.45	870 915
TP	870	915	100.31	93.20	1.42	
	870	930	100.50	93.39	1.23	
	870	945	100.69	93.58	1.04	
	870	960	100.01	92.90	1.72	
	855	915	100.23	93.12	1.50	

	Point		Elevat		Stadia	transit
TP	855	915	100.23	93.12	1.35	855 915
	855	930	100.44	93.33	1.14	
	855	945	99.69	92.58	1.89	
	855	960	99.97	92.86	1.61	

	POINT		Elevat		Stadia	transit
D	855	930	100.44	93.33	1.64	840 930
TP	840	930	100.63	93.52	1.45	
	840	915	100.17	93.06	1.91	
	840	945	100.82	93.71	1.26	
	840	960	99.90	92.79	2.18	
	840	975	97.44	90.33	4.64	
	825	930	100.54	93.43	1.54	

*Btm ditch #2

	Point		Elevat.	TRUE ELEVAT.	Stadia	Transit
TP D	825	930	100.54	93.43	1.43	825 930
*	840	932 (23?)	100.36	93.25	1.61	
	825	945	100.76	93.65	1.21	
	825	960	99.40	92.29	2.57	
	810	930	100.64	93.53	1.33	

	Point		Elevat		Stadia	Transit
TP D	810	930	100.64	93.53	1.45	810 930
	810	915	100.22	93.11	1.87	
	825	915	100.14	93.03	1.95	
	810	945	100.64	93.53	1.45	
	810	960	98.47	91.36	3.62	
	795	930	100.61	93.50	1.48	
*	803	930	100.57	93.46	1.52	

	Point		Elevat		Stadia	Transit
TP D	795	930	100.61	93.50	1.36	795 930
	795	915	100.21	93.10	1.76	
	795	945	100.32	93.21	1.65	
	795	960	97.82	90.71	4.15	
	780	930	100.52	93.41	1.45	
*	795	922	100.30	93.19	1.67	

	POINT		Elevat		Stadia	Transit
TP D	780	930	100.52	93.41	1.48	780 930
	780	915	99.99	92.88	2.01	
	780	885	98.15	91.04	3.85	
	780	945	100.11	93.00	1.89	
	780	960	97.87	90.76	4.13	
*	780	922	100.17	93.06	1.83	
	765	930	100.33	93.22	1.67	

Dist from N 765 W 885 to fire road is 3.50 m. 85
750 885 3.00 m.
735 885 3.50 m.

	Point		Elevat	TRUE ELEVAT	Stadia	Transit
TP D	765	930	100.33	93.22	1.54	765 930
	765	915	99.97	92.86	1.90	
	765	885	98.12	91.01	3.75	
	765	945	99.91	92.80	1.96	
	765	960	98.04	90.93	3.83	
	750	930	99.88	92.77	1.99	

	Point		Elevat		Stadia	Transit
TP D	750	930	99.88	92.77	1.52	750 930
	750	945	99.64	92.53	1.76	
	750	960	98.08	90.97	3.32	
	750	915	99.67	92.56	1.73	
	750	900	99.10	91.99	2.30	
	750	885	98.12	91.01	3.28	
	735	930	99.57	92.46	1.83	

	Point		Elevat		Stadia	transit
TP D	735	930	99.57	92.46	1.54	735 930
	735	945	99.50	92.39	1.61	
	735	960	98.10	90.99	3.01	
	735	915	99.36	92.25	1.75	
	735	900	98.84	91.73	2.27	
	735	885	97.68	90.57	3.43	
	720	930	99.41	92.30	1.70	
	705	930	99.34	92.23	1.77	
	690	930	99.35	92.24	1.76	
	675	930	99.53	92.42	1.58	
	660	930	99.38	92.27	1.73	

Fire Road is 4.30 m from N720 W885
6.50 m from N705 W900 (edge of woods) 86

	Point		Elevat	TRUE Elevat.	Stadia	transit
TP B	720	930	99.41	92.30	1.45	720 930
	720	915	99.29	92.18	1.57	
	720	900	98.85	91.74	2.01	
	720	945	99.44	92.33	1.42	
	720	960	98.82	91.71	2.04	
	720	975	96.77	89.66	4.09	
	720	885	97.79	90.68	3.07	

	Point		Elevat		Stadia	Transit
	705	945	99.44	92.33	1.30	
	705	960	99.14	92.03	1.60	
	705	975	97.56	90.45	3.18	
	705	915	99.03	91.92	1.71	
	705	900	98.55	91.44	2.19	
	705	909	98.16	91.05	2.58	
TP D	705	930	99.34	92.23	1.40	705 930

	Point		Elevat.		Stadia	Transit
TP D	690	930	99.35	92.24	1.34	690 930
	690	945	99.69	92.58	1.00	
	690	960	99.45	92.34	1.24	
	690	975	97.86	90.75	2.83	
	690	915	98.97	91.86	1.72	
	690	900	98.68	91.57	2.01	

* Edge of Woods ▲ Mid. of Hist. Road

	Point		Elevat	TRUE Elevation	Stadia	Transit
TP D	675	930	99.53	92.42	1.38	675 930
	675	945	99.76	92.65	1.15	
	675	960	99.46	92.35	1.45	
	675	975	97.89	90.78	3.02	
	675	915	99.25	92.14	1.66	
*	675	900	98.78	91.67	2.13	

	Point		Elevat		Stadia	transit
TP D	660	930	99.38	92.27	1.38	660 930
	660	945	99.11	92.00	1.65	
	660	960	98.83	91.72	1.93	
	660	975	97.36	90.25	3.40	
	660	915	98.90	91.79	1.86	
*	660	919	98.56	91.45	2.20	
	645	930	98.66	91.55	2.10	

	Point		Elevat		Stadia	transit
D	660	960	98.83	91.72	.75	645 960
TP	645	960	98.08	90.97	1.50	
	645	975	96.69	89.58	2.89	
	645	990	94.13	87.02	5.45	
▲	643.5	960	97.82	90.71	1.76	
	645	945	98.63	91.52	.95	
	630	960	97.77	90.66	1.81	
	615	960	97.68	90.57	1.90	
	600	960	97.70	90.59	1.88	
	630	945	98.08	90.97	1.50	

From N615 W945 is 13.0 m to gravel &
17.0 to asphalt & 2.0 to woods

* In Hist Rd

	POINT		Elevat	TRUE ELEVAT.	Stadia	Transit
D	645	975	96.69	89.58	[.68]	615 975
TP	615	975	95.95	88.84	1.42	
	630	975	96.09	88.98	1.28	
*	615	(952.5) 967.5	96.66	89.55	.71	
	600	975	96.61	89.50	.76	
	585	975	96.49	89.38	.88	
	615	990	94.42	87.31	2.95	
	600	990	95.02	87.91	2.35	
	585	990	94.63	87.52	2.74	
	615	1005	92.94	85.83	4.43	
	600	1005	92.75	85.64	4.62	

	POINT		Elevat		Stadia	Transit
D	645	990	94.13	87.02	[2.60]	690 990
TP	690	990	95.35	88.24	1.38	
*	690	995.4	94.00	86.89	2.73	
	690	1005	93.07	85.96	3.66	
*	675	990	95.09	87.98	1.64	
	660	990	95.83	88.72	.90	
	660	1005	92.53	85.42	4.22	
	675	1005	92.44	85.33	4.29	
	705	990	94.47	87.36	2.26	
	720	990	93.38	86.27	3.35	
	705	1005	91.70	84.59	5.03	

* In Hist Rd

	Point		Elev	TRUE ELEVATION	Stadia	Transit
D	720	990	93.38	86.27	.01	765 990
	735	990	92.49	85.38	.90	
	750	990	92.00	84.89	1.39	
TP	765	990	91.79	84.68	1.60	
*	765	997	90.89	83.78	2.50	
	765	1005	89.83	82.72	3.56	
	780	990	91.82	84.71	1.57	
	795	990	91.98	84.87	1.41	
	810	990	92.08	84.97	1.31	

* on edge of woods

	Point		Elevat	True Elevat.	Stadia	Transit
D	900	900	100.00	92.89	0.84	900 885
TP	900	885	99.33	92.22	1.51	
	885	885	99.82	92.71	1.02	
	870	885 ✓	99.76	92.65	1.08	
	855	885 ✓	99.38	92.27	1.46	
	840	885 ✓	99.32	92.21	1.52	
	825	885 ✓	99.12	92.01	1.72	
	810	885 ✓	99.02	91.91	1.82	
	795	885 ✓	98.84	91.73	2.00	
	780	885 ✓	98.16	91.05	2.68	
	900	870 ✓	99.10	91.99	1.74	
	900	855 ✓	98.37	91.26	2.47	
	900	840 ✓	97.54	90.43	3.30	
	900	825	96.48	89.37	4.36	

	Point		Elevat		Stadia	Transit
TP	900	855	98.50	91.39	1.56	900 855
	885	855	98.68	98.68	1.38	
	870	855	98.80	91.69	1.26	
	915	855	98.15	91.04	1.91	
	930	855	97.78	90.67	2.28	
*	945	855	97.20	90.09	2.86	

	Point		Elevat.		Stadia	Transit
TP	900	840	97.64	90.53	1.56	900 840
	885	840	97.80	90.69	1.40	
	870	840	97.75	90.64	1.45	
	855	840	97.54	90.43	1.66	
	840	840	97.58	90.47	1.62	
	825	840	97.21	90.10	1.99	
	915	840	97.39	90.28	1.81	
	930	840	97.05	89.94	2.15	
*	935	840	96.92	89.81	2.28	

*In Ditch 1 Edge of wds at 917 825 91

Δ in ctr or rd gravel (shoulder) Rd 810 838

	POINT		Elev	TRUE ELEVAT	Stadia	Transit
DTD	900	825	96.59	89.48	$\boxed{1.50}$	900 825
*	885	825	96.51	89.40	1.58	
*	876	825	96.25	89.14	1.84	
	870	825	96.40	89.29	1.69	
	855	825	96.30	89.19	1.79	
	915	825	96.49	89.38	1.60	

	POINT		Elevat		Stadia	Transit
D	870	855	98.80	91.69	$\boxed{1.45}$	855 855
TP	855	855	98.72	91.61	1.53	
	855	870	99.41	92.30	0.84	
	855	885	99.63	92.52	0.62	
	840	855	98.69	91.58	1.56	
	825	855	98.22	91.11	2.03	

	Point		Eleva		Stadia	Transit
D	810	870	98.25	91.14	$\boxed{1.00}$	810 855
TP	810	855	97.71	90.60	1.54	
	810	840	96.53	89.42	2.72	
	795	855	97.23	90.12	2.02	
	780	855	96.71	89.60	2.54	
	780	870	97.49	90.38	1.76	
	765	870	97.35	90.24	1.90	

	POINT		Elevat		Stadia	Transit
TP D	765	870	97.35	90.24	$\boxed{1.50}$	765 870
	765	885	(98.18)	91.07	0.67	
Δ	765	855	97.07	89.96	1.78	
	750	870	97.03	89.92	1.82	
	735	870	97.21	90.10	1.64	
	720	870	97.12	90.01	1.02	on Asphalt edge

c Ditch 3 945 052 Δ Edge of water

	Point		Elevn.	True Elevat.	Stadia	Transit
D	930	900	99.10	91.99	1.77	930 915
TP	930	915	99.37	92.26	1.50	
	945	915	98.59	91.48	2.28	
	960	915	97.63	90.52	3.24	
	930	930	99.21	92.10	1.66	

	Point		Elevat		Stadia	Transit
TP	930	930	99.21	92.10	1.50	930 930
	945	930	98.78	91.67	1.93	
	930	945	99.14	92.03	1.57	
	930	960	98.81	91.70	1.90	
	945	945	98.84	91.73	1.87	

	Point		Elevat		Stadia	Transit
D.TP	930	960	98.81	91.70	1.50	930 960
	945	960	98.00	90.89	2.31	
	960	960	97.42	90.31	2.89	
	975	960	96.89	89.78	3.42	
	930	975	97.50	90.39	2.81	
	930	990 15	94.21	87.10	6.10	

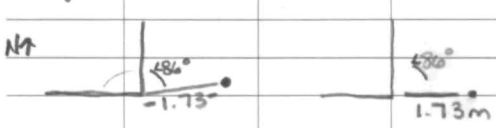
	Point		Elevat		Stadia	Transit
D'	960	960	97.42	90.31	2.12	960 945
TP	960	945	98.06	90.95	1.48	
	975	945	97.17	90.06	2.37	
	960	930	97.98	90.87	1.56	
Δ	975	930	97.14	90.03	2.40	
Δ	978	945	96.97	89.86	2.57	

900 1015 RR tracks * In Hist Rd 890 1020 is 30-45m from RR

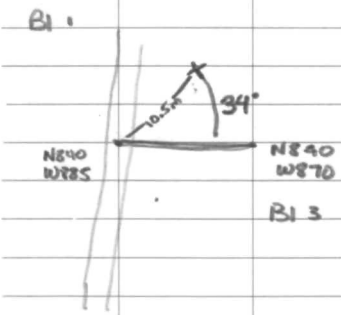
	915	975	96.98	89.87	1.74	
TP	900	975	97.11	90.00	1.61	
D	930	975	97.50	90.39	1.22	
	900	980	Hist Rd.			
	900	983				
	900	990	94.03	86.92	4.69	
	885	975	98.16	91.05	0.56	
	870	975	98.04	90.93	.68	
	855	975	97.95	90.84	.77	
	840	975	97.50	90.39	1.22	
TD *	885	990	94.41	87.30	1.58	
D	900	990	94.03	86.92	1.96	
	885	1005	91.39	84.28	4.60	
	885	1020	89.42	82.31	6.57	
	885	1027	RR tracks			
	870	990	93.96	86.85	2.03	
	855	990	92.63	85.52	3.36	
	840	990	91.32	84.21	4.67	
TB	840	990	91.32	84.21	1.32	
D	855	990	91.10	83.99	1.54	
	840	1005	88.46	81.35	4.18	
	840	1020	86.22	79.11	6.42	
	825	990	89.82	82.71	2.82	

			TRE ELEV	
Transit	Pt	99.55	92.44	1.58
TP D 780	900	100.03	92.92	1.62

Angle from



Actual elevat stake is
10.5 m from N840 W885 at ∠34°



	Point		Elev		Stadia	Transit
TP	N 915	W 915	99.78	92.67	1.54	915 915
D	915	900	99.65	92.54	1.67	
	915	930	99.94	92.83	1.38	
	915	945	100.00	92.89	1.32	
	915	960	99.04	91.93	2.28	

	POINT		Elev.		Stadia	Transit
TPD	780	960	97.87	90.76	1.62	780 960
	780	975	95.07	87.96	4.42	
	795	975	94.86	87.75	4.63	

	Point		Elevat		Stadia	Transit
TPD	780	975	95.07	87.96	1.37	780 975
	765	975	95.25	88.14	1.19	
	750	975	94.92	87.81	1.52	
	735	975	95.34	88.23	1.10	
	780	1005	89.96	82.85	6.48	
	795	975	94.84	87.73	1.60	
	810	975	95.49	88.38	0.95	
	825	975	96.32	89.21	0.12	

	Point		Elevat.		Stadia	Transit
TPB	615	975	95.95	88.84	1.46	615 975
	600	990	94.65	87.54	2.76	
	600	1005	92.56	85.45	4.85	

* Edge of rd. ▲ Edge of weds

	Point		Elevat	TRUE ELEVATION	Stadia	Transit
TP *	600	945 on rd.	99.22	92.11	1.48	
▲	615	945	97.96	90.85	2.74	
	615	930 50 cf from rd	98.28	91.17	1.42	
	630	930	98.29	91.18	2.41	
D	630	945	98.08	90.97	2.02	
	645	915	98.52	91.41	2.18	
	660	900				
	675	900	98.01	90.90	2.69	

	Point		Elevat		Stadia	Transit
TP D	675	900 6 in. from weds	98.01	90.90	1.30	
	705	885	97.11	90.00	2.20	
	735	870	96.73	89.62	2.58	
	765	855	96.52	89.41	2.79	

	Point		Elevat		Stadia	Transit
TP D	765	855	96.52	89.41	1.42	
	795	840	96.35	89.24	1.59	
	840	825	95.11	88.00	2.83	

	Point		Elevat		Stadia	Transit
TP/ D	870	812	94.94	87.83	1.48	
	855	825	96.30	89.19	0.12	
	870	825	96.41	89.30	0.01	
	885	810	94.64	87.53	1.78	
	900	816	95.06	87.95	1.36	

	Point		Elevat	TRUE ELEVAT	Stadia	Transit
TD D	900	810	95.06	87.95	1.46	
	915	810	93.88	86.77	2.64	
	930	825	95.79	88.68	0.73	

	Point		Elevat		Stadia	Transit
TP D	930	825	95.79	88.68	1.49	
	945	840	94.86	87.75	2.42	
	960	840 Rd	92.36	85.25	4.92	
	960	855	93.90	86.79	3.38	

	Point		Elevat		stadia	Transit
TP	945	855	97.28	90.17	1.54	
D	960	855	93.90	86.79	4.92	
	960	870	95.50	88.39	3.32	
	960	885	97.57	90.46	1.25	
	975	885	92.56	85.45	6.26	
	975	900	94.88	87.77	3.94	
	990	915	95.44	88.33	3.38	
	1605	915	91.63	84.52	7.19	
	990	930	94.02	86.91	4.80	
	990	945	2.5m from fin rd.			

		Not	Concrete	slab		
TP D	840	885	99.32	92.21	1.56	
	Elevation stake		99.67m	28.21m	1.21	
In Rd not stake	810	885	99.03	91.92	1.85	
	795	885	98.93	91.82	1.95	
	780	885	98.76	91.65	2.12	
	765	885	98.64	91.53	2.24	
	750	885	98.50	91.39	2.38	
	735	885	98.42	91.31	2.46	
	720	885	98.36	91.25	2.52	
TP D	780	900	100.03	92.92	1.66	
	780	885 ✓	98.83	91.72	2.86	
	780	870 ✓	98.09	90.98	3.60	
	780	915 ✓	100.80	93.69	.89	
	780	930 ✓	101.32	94.21	.37	

~~subtract 7.11 to act real~~

71.46

71.44