

020532

July 27 - Sunshine Lodeve

8-46 stp - sps. 120-122 of ore in alteration rock.

8-57 " beyond rich SE fl - sp. 123 of  
face - sp. 124 of banded country rock, rel unaltered, nr. V

sp. 125 - banded cale. grn rock fr rd cut

sp. 127 - frag fr 8 level adit.  
See chl to blk fm then greyish-grn on rd down to 10-level. \* greyish-grn arg, grading toward

chl sch in 10-level.

Eclipse

Inner part of adit follows a very narr. shear,  $340^{\circ}$  SW, in grn to blk (sp. 132) arg. on E & E<sup>1</sup>, dipping SW or N.  
 sp. 132 shows mullion struct. // L<sup>1</sup>. At face this shear has H-Pd arg. This shear is a HW branch or extension of a shear the outer part of the adit follows in for F-W to HW of a qz vein. Altered rock where shear lvs vein HW, sp. 132. Many fw branches off main outer shear, some assec, with flat veins of massive py & some cp. " band of massive py in shear

portal. In open cut just above portal, there is a  $\Delta$  mass of solid py, apexing below top of bedrock. A little gal, cp, & poss sl in HW.

 82KNW045  
**PROPERTY FILE**

Thurs - June 2  
Mostly cloudy. Up Summer ck.

pt. id - base of c., on granite, 325° 70 NE, toward Sumerick ck. Band of dk grey arg abt 15 wide, otherwise ly + grn arg + phyl.  
below (NE) this band.

pt. id - crin base of c. below, 300° 85 NE. 2d thin band of grey phyll, & ending in a. 3rd band which has grn partings, 308° 85 NE.

pt. id - base of c., 310° 75 NE grey phyll of 1st, or 2d band.  
pt. id - " " 308° 85 NE prob 1st band.

pt. id - " 305° 80 NE, grn "  
pt. id - " 305° 85 NE, " arg.  
pt. id - alt. on a. Sumerick cks  
pt. id - base of c. in W fork, 315° 55 NE, sp. 37.  
pt. id - grey grit, 310° 70 NE, sp. 38.  
grn - grey contact w. fork of ck is 325° 85 NE. The grey is phyl just here.  
cross main W fork at 3320', E fork at 3620'.

% im - index df, 420° 10, grn arg. Find minor silt at head of c.  
cross final E fork at abt 3850', with bkt. grit up & bkt. over & down in sp. 37.

Fri - June 3  
Clear & warm.

pt. in - base of c. in grn grit, sp. 37, with overturned df. index c. NE. If 325° 55 NE; df plunges index east  
" 20° 310° 55 NE, 3111 grn. Df 15° SW indic alc. NE, altho fracture for alc. NE. prob 9/10 silt here. 320° 65 NE  
" ap. base of c. of approx 130° 15°, poor index, altho fracture for alc. NE.  
" 17° prob df, plunging NW abt 20°, still grn gritty arg, sp. 90.  
" 18° - grn grit, 320° 65 NE sug. of another minor alc.  
" 25° - prob. minor alc in grn grit, followed by a minor alc.  
" 40° - grey grit, 300° 75 NE, with no df. Df to SW indic c. NE  
" 40° - " " phyl. or arg in places, with the odd grn band.

Sat - June 4

pt. id - 320° 60 NE, 1st grit arg the somewhat siliceous, prob. silt by rather common reentrants. Small df just to NE  
index alc 54°  
" 17° - NE df to SW, indic alc SW. Turns to grit to NE, greenish-grn in places.  
" 15° - 330° 65 NE 1st grit, contact.

dyke - sp. 41 abt 25° wide, 310° 85 NE, with some grey grit along NE contact; this turns to NE, 1/2 with grn & greenish-grey  
(56° 61° 3° grt)  
" 17° - " " - increasingly grey beyond, with df 115° 25° 40°.

pt. id - " " - alt. zone with df 135° 30°.  
pt. id - mixed grey grn grit at a band of LC - like grn grit 300° 65 NE.

pt. id - prospect, on vein, in a second band that with grt & rust 310° 75 NE.

Sun - June 5

pt. id - mostly grey to dk phyl or phyl-grit.  
" 18° - grey grit, sp. 42 305° 70 NE, with some dk phyl & grn grit, just beyond. Rock remains an alternation, but grey grit & dk phyl  
" 20° - mostly grey grit, phyl to locally silt, 300° 80 NE, df index c. SW.

Mon - June 6  
In complex canyon

pt. id - grn arg, 315° 80 NE.  
" 19° - start of grn grit, sp. 43, 318° 85 NE. This grit is only a small band, with grn arg & fels of some  
" 20° - grn arg & meg, 310° 80 NE.  
" 21° - 2d of 2 some not cherty bands, sp. 44. Just beyond come to a grn arg or meg streaked with dk  
by normal grn & meg calc in places.  
" 22° - grn meg, 305° 75 NE, at more blottched arg. Since  
" 23° - grn grit arg, 295° 80 NE. Increasingly gritty to SW, with 1 next band of ly gray grit.

Wed - June 8							
%c Jj - light grey grit, sp. 46, 1/6 with grey grit. May cross bedded 275°. N %c Jk - <del>dark grey</del> mostly over thrust at 15°NE. Sp. 54 pt. Jp - oriented in foldings. Grn, 355° E, with fol. index %c W. %c Jm - grn grit, 295° at first, then 320° 70 NE, with overthrust fol. index %c SW.	bldg 275° V. N NNE part of 295° at this pt is 260° 65 S, but this maybe	df 100° 30. Mostly grn					
Thurs - June 9							
clear & warm. climb fr 2850 on mine rd over ridge at 4450 across over to head of Sumner ck.							
photo K-10 - In coninapplex canyon fr switchback just below mill road. K-11 - Basin of Sable Creek fr head of E fork of Sumner Creek. K-12 - Nup in coninapplex valley fr ridge between forks of Sumner Creek, at 414 4350'. K-13 - Mt Lexington from 4050 past head of Sumner Creek. K-14 - Pool Creek valley further along slope above mine rd. K-15 - Babe Daney in Camborne camp							
Fri - June 10							
clear & warm. Map across Pool Creek fr mill.							
%c Jo - grey grit, mostly 1/6 & pale 310° 75 NE, to 310° 70 NE, just opp mill. Chgs to grn gritty arg. a short dist NE. " " " 320° 70 NE. " " grn " " begins & ends with grn grit, with grey grit & less b/k phyl. grit in middle. The grey is initiated on either side of shear by a small a/c with grn over grey, but E 1/4 of the structure to be sliced by a shear. Unless the grey on either side of shear is non-argillite, which appears unlikely, the structure is a sliced a/c rather than a drag shear & grn overlies grey. Page 930' fr base of Pool Creek to T 69							
%c Jt - grn grit lower part of %c, mostly grey grit above. 295° 60 NE toward Sect. Prob terminus of Meridian tranne line at Head. " Ju - grn grit on Meridian tranne line. 320° 55 NE. " Jv - " " " " " Jx - mixed grn & grey grit, under old water tank. " Jy - grn grit 310° 82 NE at base at 2330'. pt. Jz - still grn 315° 75 NE. Same as switchback above. " K - grey grit bands in rock at 315° 75 NE, up to Meridian camp.							
Sat - June 11							
clear & hot. Mapping along Spider mine rd.							
%c Kb - sp. 27 of yellowish, sp. 78 of mottled massive ly & grey grit. 310° 80 NE toward 4150. Pers. ser. sub-minor folds, but most df in df a/c SW, prob for. bands of massive light grey grit, 2-5' wide, in the dominant 1/6, dk grey grit. Fr axial ft. Contact with 320° 50 NE, dk gray, same time c/s, fr mottled grey, mottled, but strongly ls. Imprec. 2-5' to dk gray, with mottled, ls. It has grey grit & 1 bed of grn grit. Prob. a/c in cleaved phyl. grit 30' fr contact with dk gray, but strongly ls. ls with mottled, ls. It has grey grit & 1 bed of grn grit, at 115'. Contact with grn. grit at 230° df in df. Clearly beds upright here & grn overlies grey. Shales of ls to grey in S1 contact with a 2d grnish band at 270° this cuts to end of %c Jt, 310° 75 NE, where sp. 50 of ls to grey in S1 contact with a 2d grnish phase. rd cut Kc - good dk grey grit, 320° 75 NE. prob. bldg of grn, brn, & grey grit at 600-670'. If it's 90° its 200° strike & E d/p would point & W of %c Kc in secn. Sp. 51 of brn. grit. rd cut Kd - grnish grey grit, 325° 75 NE. At start, growing deeper grn to 1010', then sharp contact with grey grit & minor or sl. followed by an anti-clinal exp. of deep grn, sp. 52, at 1080'. Gap 1100-1120 E, 1150-1210 E, fr 1120 to 1180 much after <del>reinc</del> reinforced, mottled, ls to grey, but some may have been grn. rusty dk grey phyl. & 1100, end. rd cut Kf - grey phyl. 51-2° 70 NE ch. grs paper phyl. 330° 57 NE. " Kf - grey, mostly phyl. Some grn, 320° 53 NE. " Kf - mostly dk olive-grey, mottled, up to grn grit. Intruded by abt 8' dyke of gabro, sp. 53. Also sp. 53 of the olive-grey mgt. 312° 60 NE & intr. " Kf - grn grit, with grey phyl. in centre of Kf; dk phyl. indet. " Kf - in part & bands with dk grey grit, in part with dk grey grit. " Kf - " " 345° 60 NE. a/c E by df. Remaining grn to end, but growing pretty dark. " Kf - " " 1080' + 320° 65 SW to vert. Contact with a c/s, fol. index S1/E NNE - clear. " Kl - " " same as in Kf, but 310° 85 SW. a/c still NE by df. Cross-cut 2 across str to rt, so get back into unbounded " Kf - dk grn, bounded in small part, 340° 60 W; a/c still NE by df. " Kf - " " grn, 315° 80 SW.							
Sun - June 12							
switchback in mine rd. to mill.							
pt. Kc - dk gray grit, 293° 85 NE. Prob. %c in reentrant, just off - mostly b/k gritty phyl. & phyl. grit. " Kp - " " gritty, arg. ls with a little grnish grit, oriented sp. 55, 320° 67 NE. " Kq - grn grits mottled with rocks of dk phyl. Some suggest prominent banding in grn grits is not parallel to bedding, defined by dk rocks. After a few ft of grn. Good dk. all along index a/c SW. Just beyond corner there are indens that form lines in grn grit, are off fol. isal P. S1/E. Followed by a few ft of dk phyl. & agn 175° up a shaft which is hor. + angled more & steeper. Looks like S1/SW fol. fol. down to mill. df somewhat conflicting in this lower section, but bal. seems in favor of %c SW.							

June 14	Part cloudy & cooler. Map along pool ck trail.	Fairly good bal. of df for 4/4 sw just across S.S. footbridge. I agn abt 400' along trail. Also at 9/2 SW, E 9/2 SW. At start of is however the only 2 ft seen are for 1/2 NE. For 2 more for 1/2 NE. Start pacing at T69. Ects - mostly isolated blk phyl. grit with some 1/6 phyl. grey grit. No df.	1st. " 9/2 " 3p. 930' fr 6nd to T69.	56 Patch	Kis				
		0/4 kt. " gran. lower part grading up to phyl. grey grit, with many alternations. 30' up hillside df indic 1/2 NE. 327° zone at 9/2 NE by df in blk phyl. 47°-20° of den. to 1/2 gritty arg at 310° gray grits betw. grey grits at 360°, + 45°+50°, with Then dk grey phyl. arg. Tril. ck at 500'. 1/2 NE by df in blk arg at 340°. 1/2 NE by df in blk arg at 340°. A bl. Sally St. fr. 800' to 700' where 310° 65° NE			trail.				
		Start pacing over narrow sheet at 4/4 T69. Ects - mostly grey grit, with 1/6 indig. 1/2 NE at 100'. Chgs to grey grit shortly after, & remains so. Solitary df at 200', for 1/2 NE. poss. df in deg 1/2 SW at 350', where 1/2 NE at 50°. Mostly blk phyl. to 45° at 500', where all indices 1/2 SW.							
June 15	Cloudy early. Ctu along pool ck trail.	Start have been 4/4 T69 where 1/2 SW recorded because they indic NE here. pt. K.W. - just past trail end reaching 1/2 NE 1/2 phyl. grey grit, with 305° 45° NE small SW here; 125° 15°. Numerous r-t Y/F cts rusty 9/2 recls. Start pacing " 75° to opp large ch. on SW side Pool ck. 1/2 K.W. - 1/2 phyl. minor grey 9/2. with 1/2 NE. Sp. 56 of almost transparent white phyl. at 1520'. 1. st 1300' is 300° 90° NE.							
		pt. K.W. - 1/2 phyl. grey grit, but some 1/2 gran. grit. Poor df indic 1/2 NE. Gap 1800' - 1950'... 1/2 gran. grit after, then good hard grey grit at 205°. 1/2 indig. grit 2230'. This is end of 1/2. 1/2 dk - blk gritty phyl with filters of grit. No df. 290° SW at 2840'. 1/2 NE by fc 1/2 tiny df at 2920'. SW by dk 1/2. 1/2 dk - 300' runs in at 275° on sides of main massive rock.							
		3370' to big side ch. Then grey grit here. 1/2 NE by df at 300' beyond ch., mostly grey grit. 1/2 NE by df at 450'. End of 1/2 540'.							
		Rosinie 1/2 at 820' gr. grit 3150° 70° NE. End of 1/2 540' 1170' to another ch. even gritty blk arg. 1/2 NE by df. 1/2 1200' to ch. 1/2 1/2 2520' to top of SW ch. thick block. Triv. down to pool ck. 2350' opp rough McRanck ch.							
June 16	Clear & warm. 200' mapping close to Spider. Part cloudy. PM.	200' mapping close to Spider. Part cloudy. PM.							
		Sp. 57 of calc-banded rock showing P is 1/2 f" at 300° 85° SW. Sp. 58 shows darkening in sp. 1/2 - heavily sid & reind by 1/2 calc phyl. some cts beds or slabs of calc. 1/2 unif. for 1/2 NE. 1/2 - cts contact, sp. 57, 1/2 gran. schistophyllite 305° 85° SW. 2 df for 1/2 NE. 1/2 - sheared gran. phyl. sp. 60, with some calc. beds, sp. 61. df 130° 27° indic 1/2 NE. 1/2 f" near 1/2, 310° 70° SW. Non calc. grey-banded (ab) cts, dk. grey arg. sp. 62, g. is offset left on shear 230° 85° NW. Almost entirely grey in core of 1/2. 1/2 - with a few non calc. beds, sp. 63, closely folled by ab in which cts to 1/2 right of 1/2 (ab) at 240°. Grey grit here sp. 67 g. is 315° 75° NE prob. fc indic 1/2 NE at 310° where 1/2 00° 45°. Rock is light grey grit sp. 68 followed by abt 2' of gran. grit, then 3' of grey phyl. at end of 1/2, where ranges dt for 1/2 NE. 1/2 - cruddy gran. grit ab. good df for 1/2 SW. 310° 65° NE. 1/2 - dk. grey arg. babbled with light gran. grey rec. non-calc. These babbles are thickened reliefs of df. indic 1/2 SW. More reg. bands of 1/2 calc.							
June 17	Part cloudy & moderate. Ctu 200' mapping around Spider.								
		1/2 - gran. 1/2 gritty arg. in SW. Situation of 1/2 babbled arg at start, sp. 70, followed shortly by normal gritty gran. sch. At wide secn quickly go up into babbled unit, eq-like nr top, both frags & matrix are grit, but far as e. coarser & lighter gran. Babbles grey & 1/2 - er. of wide secn sp. 71. df poor, but this upper part mostly for 1/2 SW. 300° 80° NE at 200' cont at 1/2. Prob shear 160°-170° followed by a little thinning at 150' still with grey babbles & bands, then blk phyl. & a few fm. df along rd. " this 1/2 - indic. mostly 1/2 NE. Grey grit 300°-320°. 1/2 SW at 360°. Six minzd at 400'. See more df for 1/2 SW at 445°, whereas 1/2 band of gran. talc sch., then more phyl. grey grit to contact from 145° tape up 192° at 430'.							
		35° to contact w/ babbled gran. grit. 78° top of gully exp. still gran. grit lam with gal. gran. 1/2 - abt 100' 1/2 1/2 an anomalous df for 1/2 NE. End of 1/2 415°.							
		1/2 - grey-babbled gran. sch. Babbles weather yellow to brown. 1/2 300° 60° NE. 1/2 - dk. grey grit babbled with grey; df for both SW. 1/2 NE, none good, mostly SW. 1/2 - dk. grey - 1/2 305° 75° SW. poor df for 1/2 NE. 1/2 - dk. grey - 1/2 325° 85° NE. Excellent df for 1/2 NE. 1/2 - dk. grey - 1/2 325° 85° NE. scv. unbanded zones at 200', calm in massive hbs, sp. 79, et 1/2 - gran. very babbled w/ grey; good df for 1/2 SW. Uniform to end 1/2 at 420'.							
		1/2 - babbled gran. arg.; df mainly for 1/2 SW.							

Mon - June 20 '55	mostly clear, warm & hot mid PM - map lower switchback in Spider rd.						
220' up fr Mill rd cr. - Af 145° 30' indec a/c N.E. r 305° 85 SW. end c!							
%e sp - grey grit & gritty phyl. chd, with some grn-algn. 3' east. df for %e SW. 2' 10' grit, 5-10' th, at cr.							
" lg - mostly 1/4 grey grit 300° 70 NE, with 2' poor df indec 10' crn. Interbed of grn grit, 5-10' th, at cr.							
%e ls - grn grit, with fair df for a/c SW, NE. part of %e, Underlain by lined or grey meg. Good df for %e SW, ls dark at 300°							
%e lt - good df for a/c SW in blk phyl. grit.							
lk - blk gritty phyl., 330° 72 NE, at start, with ser grn grit bands. Up rd as cross str. to left.							
pt lv - a/c							
Tue - June 21 '55	switch 5 - switch 6 of mine rd.						
25-30' up fr inside cr. - lk grn arg & lt arg.							
70' - upper blk phyl. 1/2' to 1' to 10' to 10' of red grit which farther up is interbedded with lt arg. df uniform, still a/c grey grit & blk arg, altho a few thin bands of grn grit in %e.							
%e lo - more accurate part grey sch, phyl., some with a thin calc-babbled band toward W end. Good df for a/c SW.							
lk - blk phyl. & meg, banded & blebbled calc in part. with shear 330° 75°. df for %e SW in O.							
A few bands of blebs either side of massive band (line ②), sp. 75° which is presumably rotated to 115° shear on IV contact. df for %e SW of Cr. : blebs lie out up rd fr ②, then the grn grit is abruptly succeeded by argillite-like blebbles, ③, which grades upward to ord. blebbles by ch at top of talus scree. Then iron-rich rock becomes more argillite, streaked at 45°, 80° is 315°. Solid grn maf phyl. or sch. grading upward to 80° at 190'. Solid grn 200°-210°, then blebbled & streaked at 235°. Still NE at 250° & 270°. 3 more bands of %e, still NE at 250° & 270°. 3 more bands of %e at 355° where poor df indices %e & e.							
%e ly starts at 915' with 3' of iron-stained rusty rock & a 2' 1/2 vein where df indices a/c SW. Altered rock gives impression it was intertonguing esp. of altered rock 520-575'. core of %e at 660'-520' to end %e. Small exp. of grn arg at 595', but more alt. rock 630-690'. Blkr or smal %e of alt. grn meg at 700'. ck at 750' to deep ch &c, whereas should be 1310' Add 170/140 or 17.							
Wed - June 22 '55	clear shot. Map & fr Spider No. 10						
Pace 100' faces fr No. 10 portal to E side of slide draw. Alt 75' left down to %e of sp. 7.9, 310° 85 NE. sp. 80° of grn grit band within it. Tiny df indices %e SW. Alt 60' horiz. closer to pool ck weak df, indec 36° wide. Str. at sp. 8 is 310°. A faint of grey grit also. There are a good many rusty grn veins, 3" to 10" + 5" across of grey grit, followed shortly by rock that could be either grn arg or blkr.							
130' faces (offset downslope) sp. exp. of grn sch & following ancient trail down to ancient grn that was in pool. Alt 15' left of pace 145° 3 20' fr pool hit a peculiar rock, sp. 82, 305°. 2nd paceline 10' fr pool ck:-							
0-5' - lk arg							
6-10' - white grit sp. 84							
10-20' - coarse tiger-strip, with good df for a/c NE, sp. 53.							
20-35' - grey grit, pale in part, with some 61k arg & phyl.							
30-35' - massive rock, grading fr. like 1st sp. 82 to silver cap fm type of grn grit. Poss a dyke or sill. Also sp. 85°. 75' is directly below sp. 145 in 1st line.							
reser 1st paceline:- 160-175' blk along trail rt down to pool ck; mostly grey grit at 1st, then olive-grey & rather massive. Finally grn grit at 175', with df indec 310° 55 NE. Grey grit 10' farther, & on to 30', where ch-side & buff. starts. Ancient brj was apt 100' below small s-curves in pool ck.							
climb back up to Eclipse trail & ctu pacing:							
pace 196 - grn exp of rein grn & prob. grn grit alt. in part.							
215 - Eclipse adit							
rock ma - grey grit							
" mb - silicified rock, prob. fairly grey grit							
Find a/c in grey grit in ck 50' pace up ck toward Mohawk rd. still grey grit by end 1/2 at 30'. 200' to Mohawk rd.							
%e lz - grn grit with df indec a/c SW 310° 55 NE. calc-babbled in part.							
" md - lined or grey meg							
" mc -							

Thurs - June 23 '55  
 overcast turning to showers AM; almost continuous rain PM.  
 Hunting for Ajax gneiss between Mohawk & 2nd Camp Cks & back along Pool Ck. Lunch in Moscow Cabin, then home.

177' down rd cr 142 M 22 Lake is 2nd stream 1' 7" to Adirondack bridge, which is 912 15' S of Pool Ck.  
 94m 2° 51' gr. fty. blt phyll. 295° 75 N.  
 179' - prob blt of Ajax. Off across Pool Ck. For 7/4 51N. we have seen mostly blt phyll. with some blt grit & little suggestion of anticinal nose of rather massive light grey grit in cut below.

Memo for June 25

- 1 Bearing on Eclipse fr N end ancient bridge
- 2 use altimeter to get lat at rdg at horizon, then at bridge.
- 3 Vert C on Eclipse adit from Pool Ck if possible.

ABT 250' in on #10 to S portal str.

June 24 '85

Ore mineral in Spider 10 level W dr is along the small fault & in rather irreg. small veins which are confined to sid-crm alt & are roughly  $\perp$  fault. Gangue is 92 & fizzing vol. carbonato.  
Nice xne <sup>vein</sup> at start of E dr, followed by flat-lying dk grn dykes in alt. rock, sp. 86. S 290° 80' N toward face & N. of the steep thrust.

Sun - June 26 '85

Finish mapping 10-level Eclipse x/c & dr.

Sp. 89 of last of banded & banded rock at 690' in S wall of E/c

" 90 1st of grey phyl at 645'

" 88 light-coloured band, up to 12" th, cutting across fr. 660' in N wall of E/c to vein jndr.

" 87 at cr. of N wall with dr.

" 91 of grey-grist or face of N dr, where vein cutover is down.

Drag in E wall of N dr. indic. this side has moved N & a little up rel. to N side - ~~rake~~ of df is 45° N.

Sp. 92 - rock at face in E wall.

" 95 - 1st grey in E wall of S dr; alt bf. Some poss. blocks & bands a few ft's.

Color Legend for Spider mdy 156.  
calc bands or blebs  
blocks & blebs

Mixed blebs & ba 15  
Bands  
Mixed bands & streaks  
Streaks  
Unbanded.

Numerical Legend  
1st digit - 1-9 reps 10-90% of rock as blebs or bands  
2d " " 1-3 fine, med or coarse  
3rd " " 1-3 1/3's of rock are one -

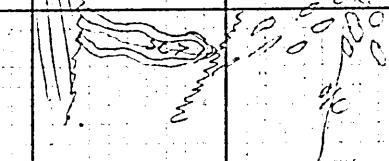
1 - brown, buff, or cream  
2 - grey to reddish  
3 - purple.

COLUMN

S-30	522 b1						
S-29	512 b2						
S-28	512 b1						
S-27	light grn band, same color as grn blebs & bands;						
S-26	122 ba + streaks.						
S-25	212 b1						
S-24	412 ch 512 ch 522 ba						
S-23	Streaky						
S-22	413 ba						
S-21	fea but for streaks & faint banding						
S-20	412 ba						
S-19	Streaky						
S-18	112 to 212 ba + str.						
S-17	732 b1	lower pale band, up to 1" th.					
S-16	622 bb						
S-15	fea, but for faint, lit & dk grn banding						
S-14	122 to 422 bb, streaky, with occas. coarse blocks.						
S-13	932 bb						
S-12	223 to 133 + 312 bb						
S-11	335 + 322 b1. - purple blocks up to 6" Ø.						
S-10	333 374 + 221 ba						
S-9	423 b1 + 221 ba						
S-8	133 b1 + str. & spots, sly calc.						
S-7	123 or 133 b1 + 312 b1 or 522 ba						
S-6	423 or 323 b1 + 212 or 221 b1, bb, or ba						
S-5	723 ba, streaky in part						
S-4	622 ba or bb						
S-3	Streaky with calc. spots; some greenish bands						
S-2	412 bas						
S-1	621 bas						
	Black arg & phyl.						

"New shining veins in open cut run  $290^{\circ}70N$ ,  $320^{\circ}75E$ , &  $010^{\circ}80E$

Nr A 16-26:



Should hit  $290^{\circ}$  vein of "new shining" 32' in 10' to 10' doets fr 75' inside portal. D.D.H. would miscite front hit the  $320^{\circ}$  at all. Should have hit  $320^{\circ}$  vein 7' inst. D.D.H. 3 holes should have hit it at  $20^{\circ}$ . No 10 wouldn't hit the  $010^{\circ}$  vein until into the wind area of No 9 vein. D.D.H. should have hit it at  $115^{\circ}$ .

Meme Sat 16th

Check 60' of 10 portal for  $\frac{1}{2}$  c. of antiklinal (1/4 phyl.)  
" nature of 29 + 45' in Eclipse %c. (In slack on s side).  
" for vein nr D.D.H. In 10-4v 2/c.

N.C. - 16th  
120' W. of 8 portal to 5° qz vein carrying gal. (Sp. for Sully) -  $275^{\circ}75N$ .

Tue 26th

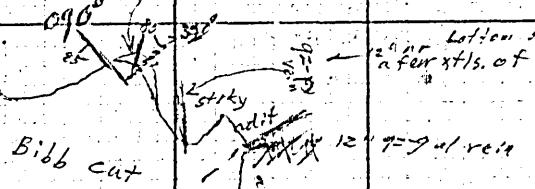
Sp. 14-93 fr No. 5 adit at 0-190' fr 4505 inward at 10'; intervals odd Nos. fr left wall, even fr r.t.  
Sp 94 fr mid of face of left-hand dr past rse. Adit seemsly more in tension, left wall here.  
shear cuttings 7-21' rt ac timber of sandy portal 9' s of end of timber.

June 28  
clear & warm  
start planing spider

## TA 1

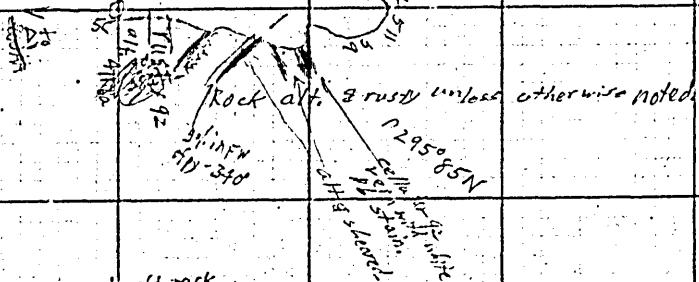
- Line in on 800A-802. 9' rod off dist. to 800A.  
 02 - base of rd cut 1/2' at curve.  
 03 - "Eastwood" showing 8' back fr. top of %.  
 03, 04 - above rd, abt 10' back fr. top of %.  
 05 - cut above 8 portal, as below:

vein 300'



Lateral shift, splitting & dying upward.  
 a few stls. of gal. Approx. 26° ENE.

## TA 2



- Distinctive rd cut of rusty old rock.  
 Rd cut 1/2 resumes 1' fr 02. 4 exts. 20' along, II 01-02 10 ft, II 10' back at most.

## TA 2

- 06 - ledge of rd, to W here essentially fr 05. All rusty, & here it shows a little gal. in 9'.  
 07 - upper edge of %, ext 6' fr a, then 1st st. down to rd cut. looks like coarse grain boulders.  
 08 - S at 038° to 7° N of 012. 25' at 155° fr 08; Ext. 20' up hill & W fast. uphill fr 07. Sgn. of grn slabs in places, but brkn' surf shows only an occas  
 09 - rd 5' up & E.  
 010 - top of post on N side of old No. 7 adit.  
 011 - top of post on N side of old No. 7 adit.  
 012 - bridge of rd below & over bin

## TA 3

- 012 - Start rd cut % going W.  
 013 - % of 012 rises to S' N of this pt. small ch passes 6' E of 013 & 16' N of 012.  
 014 - topo of rd cut.  
 015 - 10' S of 013, decreasing to 10' to 031 bl, then mostly strky & streak with excellent diff for 014.  
 015 - rd topo  
 016 - outside edge of rd, opp. Ex. of Barclay vein. Fairly extensive side cr. mica rock adj. vein.  
 017 - dist. rd just W of rd.

- ross. shear zone 25' forward of 013 - 20' W is another. Rock along here is mostly strk & few with a, occass purple. 15' E of 013, a along p. strk. passes under 013, but 1st st. down to 013. 2nd st. down to 013. 20' E of 013, post occupied by a shear. 213 L ft here N. Sharp little 15' E of 013. 1st st. down to 013. 2nd st. down to 013. 23' E of 013, where there is a broad r shear zone, it is 8' wide. Minor shear zone to 019, which is 7' E of 017. Minor shear zone to 019, which is 7' E of 017. Minor shear zone to 019, which is 7' E of 017. Minor shear zone to 019, which is 7' E of 017. Minor shear zone to 019, which is 7' E of 017.

## TA 7

- 0202-1 Barclay vein.  
 018 - up hill for rd = 6'  
 022 - 3' back & 5' rt to DDA.  
 023 - topo  
 024 - end of the fairly extensive % str by Barclay vein. Only 1/2 & patches up rd. Alteration dies away. W of Barclay vein, then  
 picks up again back in middle & reaches 5' back, then in 50' is 43' back.

- W end of 018 20' W hillslope of 022, with cr. 20' downslope. Fea. 10' W part, 412 ft high part. Grades up thru coarse to tabular  
 core of % 15' wide. 025 This is top of %, which extends 65' along hillside. 018 is at margin of area, small %, which is 10' W toward 017.

TA 08  
027 - 18' E along hillside fr 025<sup>c</sup>, on top of that 26'.  
027 of 08 is 32211 & only weakly foliated or striated to S.E. and df for 1/2 SW.

028, 29 - tops  
030 - 6' so of 0c ext 7' E of narrow ledge 25' W, also not very wide.  
031 - top  
032 - up rd. to 6' overhang start of 0c of fca, which deviates from bedding for a few ft, & this turns med. alt. for last few ft of 0c. (Rd is abt 16' wide)

Sun - July 1

Clear & warm  
Fin planing for Spider #6 up.

TA 09  
010 - in ridge 26' overhang.

TA 10  
011 - above beyond 26' portal.

TA 11  
012 - E of 26' portal, at start of 21st 0c, completely alt., & rusty.

Apparently someone lost his way trending down on #1 rein & disc. #2.

TA 12  
012 - 8' short of edge of slope care, which is 30' across on 1 of s to edge of upper rd. At middest it is 25' 1/2 of s to edge drd.  
013 - on Reatrice rd.

Steepest part of rd cut 0c 6s 013 is fresh fca & greyish-grn. Butch's to alt. in cover 35'-45' twd A. 1st ft. shows relic of atten. bl & prob. df for 1/2 SW. At start of 0c atten. is 32087 NE. 0c veins grn common. 70' twd A. Alt. rock is deeply rusted where not blasted into contact is sharp. It appears to run along 1, 315° 84 NE.

TA 13  
014 - up on trail to #3 adit. Alt. starts 15' at 205° fr 014 & increases along trail to #3. The fresh rock 1/2 of alt. persists along 1 to #2 portal along its trail, with a rusty portion abt 1/2 way along.  
Sp. 018 - gr vein in dump of #2 adit.

TA 06  
016 - 3' gr vein is sticky to face. Very w<sup>u</sup> near alt. along rd; otherwise rock is fresh. The ends 75' up rd; faintly ba at 60° with df for 1/2 NE. 022 overhang on edge of rd 40°-65° consists of just 25'-40' but down in rock is unalt. 75' up rd 0c resumes - fresh Spider from starting into dist. - essentiallyctious rd cut 0c all Spider fca, no justacies. Eclipse Ch, then 20' rd.

Mon - July 2

Clear & warm  
Fin planing upper Spider. Soil & lan running Brunton-tape down fr #2 to get contours.

wanted

016 NN of #3 portal

✓ 012 E 277°, 15' putting in small open-cut above.

✓ 056 E 277°, 1/2 c along trail to #2, 10' N of end

✓ 017 NE, portal

✓ 018 in front of #1 portal.  
✓ shots on upper open cuts & contours  
✓ 2 shots on #2 rein open cut.  
019 fore q of shots on slope care above #3. C tie to upper, shot trench, 3' x 5' of alt. road.  
020 uppermost open-cut - ran tape Brunton to top & fresh rock yes to SE with shots. Non-reins of 0c  
carrying pt. 51, 5' go. In afternoon 1 open cut.  
shot of alt. rock is little different E of A.

✓ shot alt. road 1/2 to 1/3 to 1/4 back just 1/2 alt., 1/3 inclines. Also a shot at 1/4 twice on 011 p. of 0c running

by A 14 & 13 portal, still alt.

short adit more as follows = gr vein at 205°. Alt. seems to be fading at face.

TA 15

051 - 1/2 in trail to #2

056 - NE of #3 by big snag.

TA 16

052 - road on E side of #3 portal, qd up & 12' at 253° to pl in line

053 - head of on step above #3

054 - french turns "ff" follows 02 rein for 15', to 25' n. 200' fr 01, then back to earth

055 - 016 of 0c exp. 3' 1/2 ft & 5' rt & abt 21 short of bedded contact. Alt. almost unaltered sticky on NE & silty on SW.

056 - tip of c cut 1/2 ext. w. fr portal of 3A adit - still hilly alt.

057 - 2' left of 0c 1/2 short & 1/2 rt of 3A adit

058 - 17' 5' st. ahead of centre of #2 portal

059 - 1/2 short of centre of 0c 1/2 of open-cut

060 - 8' left of portal, 1/2 of 13' at 010° fr 21 portal. Portal runs qd along 1 for #1 portal, then out on a cr 15' at 10° fr 0

062 - uppermost open cut runs 20' due s face, then 13' at 15° to 012 - high face exp. small gr veins carrying a little silt

July 3 1956

Cloudy.

Ctn plan-tableting c. 1/2 hr down cr. 1/2

TIA 4  
 063 - start of rd cut 1/2' - fresh s. fm - striky to fea.  
 064 - 1/2' starts agn. of 02' of cover - 72° 60' - 1/2 pole.  
 065, 66 - contacts of pool ch. fm in rd cut.  
 071 - in N.E. rd just across 1st draw.

TIA 5

067, 68 - top  
 018 - behind blacksmith shop off centre sheet  
 018 (Md. 079) - in line with front of shop, 9' fr cr. - just on contra sheet  
 019 - ore bin (Md. 070)

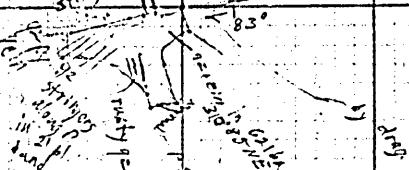
TR A 15A

069 - portal

070 - rd

TIA 16 (03 on TIA 15)  
 020 - outer edge of rd 10' elev.

Forced to quit by rain at 1:30, so opened sheet adit above TIA 8.  
 floor abt 3' below 05.

near top  
alt  
striky

To check TIA 5

Split in rd at portal. Bill width - 307' 85 NE. Edg. of s. fm runs 12' at 320° fr OG to a cr, then q' ll rd cut 40' end - abt 2.5' wide

Alt. of vein at 06 - 307' 85 NE. Map rd cut s. fm fr 8 portal to 02

July 6

Cloudy; shower noon.

Try to finish plan-tableting.

Lv. 50c &amp; 1/2 hr to get's bats on pool ch &amp; run tape tran. along base 1/2:

Course 1) 0-6' - fresh striky alt. fea. -138° - 27 1/2°, 30'  
 8' - 12' vein nrtly +  
 6-30' - alt. & rusty; scattered irreg. q' 3' strgs. / 313° vert. of abt 10'  
 2) 30-79' - fresh to sly alt. fea. / at 55' 307' 75 NE. } 315° - 21°, 70'

70-92' - fresh to sly silt. fea.

Course 3) 9' N.E. trap tape rd log, 10' start at 3' (line bits of 1/2 at 20' mark) thence ll.

" 4' 50'-100' - sp. 10' to rel. waste dump.

" 5) 0-25' - 25' - altered.

Side course 5' end of course 3 - 236° + 39°, edge 1/2 agnst waste slide! - 0-3' fea; 31-33' alt. & silt, with prob 1 she at 0 + 33' 23-34' - fea; 34-66' blk phyl. much silt. 8' with 92' aft. contact 320° vert. 66' - 51' phyl. carb. 92-in, & rusty; edge of 7' strgs. jogging across slide at 187'; open over abt 15' abt 30' loc.

Course 6 (off end of 5); 314° - 1472°, 75' - appon silt. Pool cr.; sp. 101 fr. 74' shows relief df for s. fm but is now agrit. Course essentially along N.

End of 6 Tie-in course to upper of 2 OG on ch: - 355 1/2° - 25', 82' (to OG)

Course 7: 32° - 18° 74' - ch. rubby uphill at 240° fr 74'. 2d run back 0-38' 10' - prob shear L. strike would hit same at 0. Some dist on SW of it. H. fly aft. rock starts 10' str of 74' on concrete; remains show it was blk phyl. fresh; alt. phyl. occurs to ch. far

Sat-July 7

(1) Study rock dump fr. A 21

(2) Approximate top of s. fm below 10 - leading rd.

(3) Tape &amp; tri. Brunton NW along ch fr OG

(4) fr. mark on course 2 to end of ch., &amp; also fr OG

(5) W" OG

15' fr A 21 to 10 - portal crib 25' to top of lower bank.

Top of ch. bluffs is cut in N.E. end of b. in lower bank, 35' NE at 35' SE of a 50A, &amp; abt 20' abt A 21.

s. fm. starts abt 30' N.E. of A 21 with dk (gneissic) grey rock, sp. 102, which gives place in abt 5' to phyl; in part grey to blks, but largely sil. changing to mica.



Oct. 12 '58	Spider cracking - cloudy		
	In slide below #10 Leader switchback R in banded tabularly gs. is $320^{\circ}75\text{NE}$ , obt $45^{\circ}$ to Pool Ck, but fr a dist. $\approx$ across str. appears to be PC fm & str. only obt $15^{\circ}$ rt. of ck. All gs in exps. fr this run-back down, mostly blebby, with grn flts. In small % nr foot of this slide, which exps. contact gs with blk phyl on NE, however, it has swing to $305^{\circ}88\text{NE}$ . This blk phyl. is no more than 30' wide, & is sacc. NE by partly sid'd blebby & banded gs.		
Tapeline 1	O on ctet in small cle. nr. foot of 10 Leader switchslide. $-271^{\circ}$		
2	0-7 - blk phyl, sly <del>&amp;</del> rusty		
36-43	" " " "		
" 2	43-45 tail of gs.		
56	56 - minor shear, $315^{\circ}45\text{NE}$ poss. small thrust-mov't.		
59-61, 63-78	59-61, 63-78 - tails of gs., 2d with some "1/8" blk phyl = prob. very tyt folding		
3 $06^{\circ}$	Along Pool Ck. O is 40' h & r at $350^{\circ}$ fr 78' pt on linez. Interrenning rock is essentially blk-phyl, with poss. partly sid'd gs. for last 5' or so.		
0-13	0-13 - partly sid'd blebby gs, $303^{\circ}75\text{NE}$ , sp. 224, with some "1/8" blk phyl. S-10'		
13-22	13-22 - dlorito, sp. 225.		
22-31	22-31 - mugged-up sl, var. sid'd (sp. 226), sheared, sil (sp. 227), & boring by qz. Poss. some tens. of blk phyl., but there is perf. grad. fr fresh to sid'd at 13'.		
31-88	31-88 - runback, to 50' at 80. D to head of runback, mildly sheared & alt. contact is $000^{\circ}70\text{W}$ , & is accompanied by anastomosing shearing, consid. sid'd on both sides, & sil. & qz inj: in blk phyls. Blk phyl. char. to end runback, pretty thoroughly sid'd for last 10' across str.		
88-95	88-95 - sil. blk phyl.		
95-102	95-102 - mildly sid'd d.		
$\phi=076^{\circ}$ " 4 $\theta=25^{\circ}$	O is 10' vert above 100' int. of No. 3. <sup>grit</sup> blk phyl. except for d at start. 35'. sil, but not much sid'd.		
-347 <sup>o</sup> " 5 $57\frac{1}{2}^{\circ}$	34'. O at end No. 4. sil phyl grits, brn to buff		
-002 <sup>o</sup> " 6 $45^{\circ}$	24' " " " 6. " " " " - close to metacryst.		
-008 <sup>o</sup> " 7 $45^{\circ}$	16' " " " 6. " " " " - att. ch. fr $320^{\circ}77\text{NE}$ to $302^{\circ}96\text{NE}$ in 16'		
	End of line 7 essentially on ctet with smaller d.		
-345 <sup>o</sup> 8 $44^{\circ}$	60' D: 0-67', then sil. blk phyl. Essentially top of %.		
-322 $\frac{1}{2}$ " 9 $31^{\circ}$	62' Tid-in fr end No. 8 to A 21. Top of % concave up, 1.1 to 5' int. of A 21. -44 $\frac{1}{2}$ ".		
+271 <sup>o</sup> 10 " 0	45' A 21 to edge of slide, & small % of the first spaced, Vpale green, sil. phyl. Top of main % on edge of slide is 20' at $332^{\circ}$ .		
23 <sup>2</sup> 11 0	16': End of No. 10 to a pt. on project NE ext. of larger d. It is 15' at $330^{\circ}$ to top of % & 15' at obt $370^{\circ}$ to edge of p of d in run-up. (Tape held up for horizontal; dropped) Approx. sw ctet of larger d, with blk phyl. in top of slide. It is 52' at $354^{\circ}$ , $-39^{\circ}$ fr pt. on a cribbing. Actually this is phyl-slags ctet, the frags. slid pretty well for 6 to 10'.		

200g 12 390

det. 110' & at least 100' across str. to NE. (Top of sc. only + str. here.)

69'. Fr. on cribbing to pt. on edge of rd. This pt. in turn is 50' at 076°0' fr approx. posn. of 074.

Rock NE of C. S. is about 228'

Tapeline 8

9: A21-	$322\frac{1}{2}^\circ$	$-31^\circ$	$64'$	$-331$	$55'$	
8	$345^\circ$	$-44^\circ$	$60'$	$-421$	$43'$	$13' \sim 9^1 h.$
7	$008^\circ$	$-90^\circ$	$16'$	$-101$	$12'$	
6	$002^\circ$	$-45^\circ$	$24'$	$-17'$	$17'$	
5	$347^\circ$	$-57\frac{1}{2}^\circ$	$34'$	$-291$	$18'$	
4	$256^\circ$	$-26^\circ$	$35'$	$-151$	$31'$	
	(Note reln. of No. 3 to No. 4)					
3	$247^\circ$					
2	$273^\circ$					
1	$271'$					
	(074 + 50' at 076° to start + No. 12)					
12	$008^\circ$	$-39^\circ$	$69'$	$-93'$	$59'$	
13	$354^\circ$	$-34^\circ$	$52'$	$-291$	$43'$	

May 21

Start of f & s fr Spider upper levels.  
Sides'n dying out in last 10' of exp. E of Spider No. 1 adit. Fresh rd N.E. portal. G.s is soft & w.rusty past Δ 23, but essentially free of sides'n.

Setup on A 14, ls on A 16, S shoot A 23 up rd.

TM Δ 23 - 0101 N 35°W 70'NE with good df. for W.C. NE, in thinly f'd gs, most fca or stby, in places banded.

- 0102 Faintly banded gs with off sug. W.C. is now SW.

Δ 24 Up rd, on outside edge, opp. much df, net effect seemingly a/c N.E. prob passed thru slc abt 30' past 0102, where rock much greyer for a short dist. Less rock exp fr start. Rd crosses str to left, so Cing NE across secn no climb.

TM Δ 24 - 0103 5' out fr rd cut at end of 30' stretch of warping of dip of f", shear &amp; faults, qz. impreg., &amp; most mod. sides'n.

0104 Black, sil. rock with rusty qz. veinlets in gs, sp. 1.

Δ 25 Up in d. of rd.

Δ 26 Back up hillside, with %s of gs to S.

R A 1. N.

NE coll. act of gs is just NE of highest drill site on Excise. SW contact is abt at head of slide above Beatrice rd in Eclipse ch.

May 22 Mostly to partly cly; some mizzle latter AM. ctu pl't up Beatrice rd.

TM Δ 27 - 0105 Abt 60' short of Eclipse ch slide.

Δ 27 On brj over " ", 65' fr start of brj. S ch slide, 20' fr E end of brj. Is 315° vert., Is brj f" is 310° 85°NE. Rock is good gs, stby to fca. Highly be brj, but it is end of immed. exp.

TM Δ 27 - Δ 28 Up on outer edge of rd, 3.5' past end of rock exps &amp; E edge of slide draw below rd. slide of qv. ctus above rd.

0106 10' E of ch slide.

TM Δ 28 - 0107 Outer edge of rd. at 6' log.

Δ 29 Down N of rd, to nroid log.

0108 10' W of E edge of slide

Wedge of slide, 40' fr top, 60' W of large bl. n. of sed's, &amp; 70' beyond highest gs %c.

TM Δ 29 - Δ 30 Up on N edge of rd. crl. bank, falling away to S.

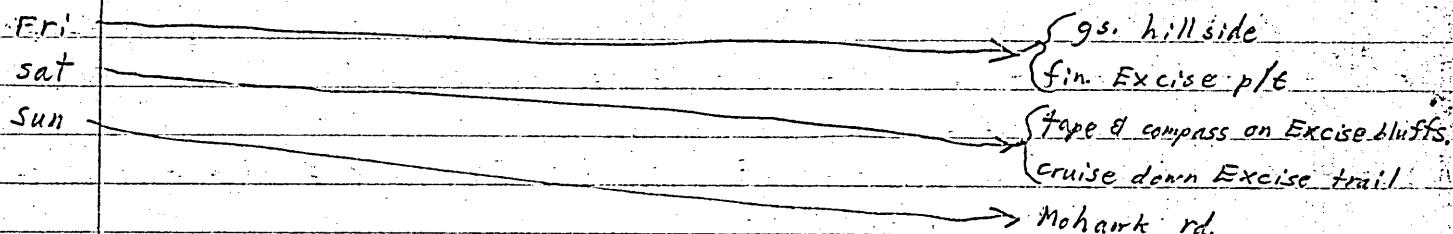
40' short of tip of gs %c running up S. s. draw fr Eclipse ch.

Topo

- M A 30 - Δ 31 Up in centre of rd.  
 0 112 start of trail to Excise.
- May 23 - Threatening AM, clear to 4:00 pm for PM. Fin p/t up Beartooth rd & start down  
 M A 31 - Δ 32 Up on outer edge of rd. to Excise
- 0 113 Topo
- Δ 33 Down to N
- 0 114 10' short of bend (to L going N) in Excise rd trail.
- M A 32 - Δ 34 Upon outer edge of rd.
- 0 115, 116 Rim of Mohawk valley, hitting rd at Δ 34.
- M A 34 - 0 117 Up on inner edge of rd.
- 0 118 Downhill on log in little snow basin
- M A 33 - Δ 35 Tard rim
- 0 119 Drill trail.  
 scour area fr W to N of Δ 33, to Fin of Eclipse Ch gully, for % without success.
- M A 35 - 0 120 Mohawk rail rim, 35' short of bluff exp. of schistose grit sp. 2, ext. 5' N, 20' S. O is also  
 right on a small % of the same, ext. 25' at  $080^\circ$ ; sp. 3 fr E end. Rock is crinkled, but att  
 is abt  $305^\circ 85^\circ$  NE at sp. 3.
- Δ 36 Down slope to N.

(Att. at Deep Ch is  $315^\circ 80$  S. - in good gs, of course. Essentially rd is left  
across str. all the way to Eclipse Ch.)

## PROGRAM



Need atts. up gs. slope, at 0 110, & on Excise.

\* " plunges everywhere

Try & get contact with seds up gs. slope, & at least get df or f-fel in highest gs. exps.  
work on struct. on both contacts of gs. in Excise bluffs.

Explore farther below 0 118

May 24 - clear & warm. P/E gs hillside.

25' E of a 24 pluge<sup>d</sup> is  $145^{\circ}12'$ . Directly opp. a 24 pluge of another drag %c is  $135^{\circ}08'$ .

MA26 - O121 Small %c of rather pale gs, sp. 4, above more effusus %c of gs down toward. Lining up hillside to E. No %c around.

O122 On grey gs massive tabularized. Gs exps. are common below here first.

O123 " " "  $330^{\circ}80$  NE. Df & r-fel say %c N.E. if pluge appears to be gently SE. This %c was hammered recently. Abt 50' WSW pluge of d/c is approx  $135^{\circ}20'$ . Not much %c w of this along hillside.

MA37 - O124 NE cr of area of abundant gs %c. 25' SW of seen to indicate %c; 1 df plunges  $130^{\circ}14'$ .

O125 Edge of gs %c

A38 Up on %c area nr E edge. 40' at  $245^{\circ}$  d %c plunges  $135^{\circ}11'$ .

MA38 - A39 Up on E bank of draw. No %c on this side of draw above O121; except a dubious showing of pale gs 20' S. of A.

MA39 - O126 NE edge of gs %c,  $320^{\circ}80$  NE

O127 On gs %c, abt 50' short of highest exps. Prob. slumped just here as r dips gently SE.

O128 On E lobe of gs %c, 10' past base, abt 30' short of top, E 15' fr rt edge. d %c  $125^{\circ}12'$ .

May 25 - part edy. Cleanup around upper Excise, using both P/E & Brunton tripod stage.

In bluffs below O118 df pluge  $110^{\circ}30'$ . Mostly  $\frac{1}{6}$  ly + grey to buff grits, rather schistose. Some df; minor blk phyl.

Tape & Brunton:

C1 20' short of N end %c of grey or buff grits, gently 20-30' wide.

C3 20' " 20' left of S tip of same %c.

Resume P/E

MA36 - A40 On carb, down slope N.

O129 5' up on stump, 10' short of SE cr of old shale onlin.

O130 25' past rim & 8' down on upper edge of small bluff %c of  $\frac{1}{6}$  buff grit,  $515^{\circ}85$  NE.

MA40 - A41 12' at  $330^{\circ}$  fr %c in rim - pale grn grit, sp. 5,  $305^{\circ}75$  NE. Edge runs 20' at  $120^{\circ}$  to bluff top, N end of bluff being 10' NNE. This lobe is abt 10' wide.

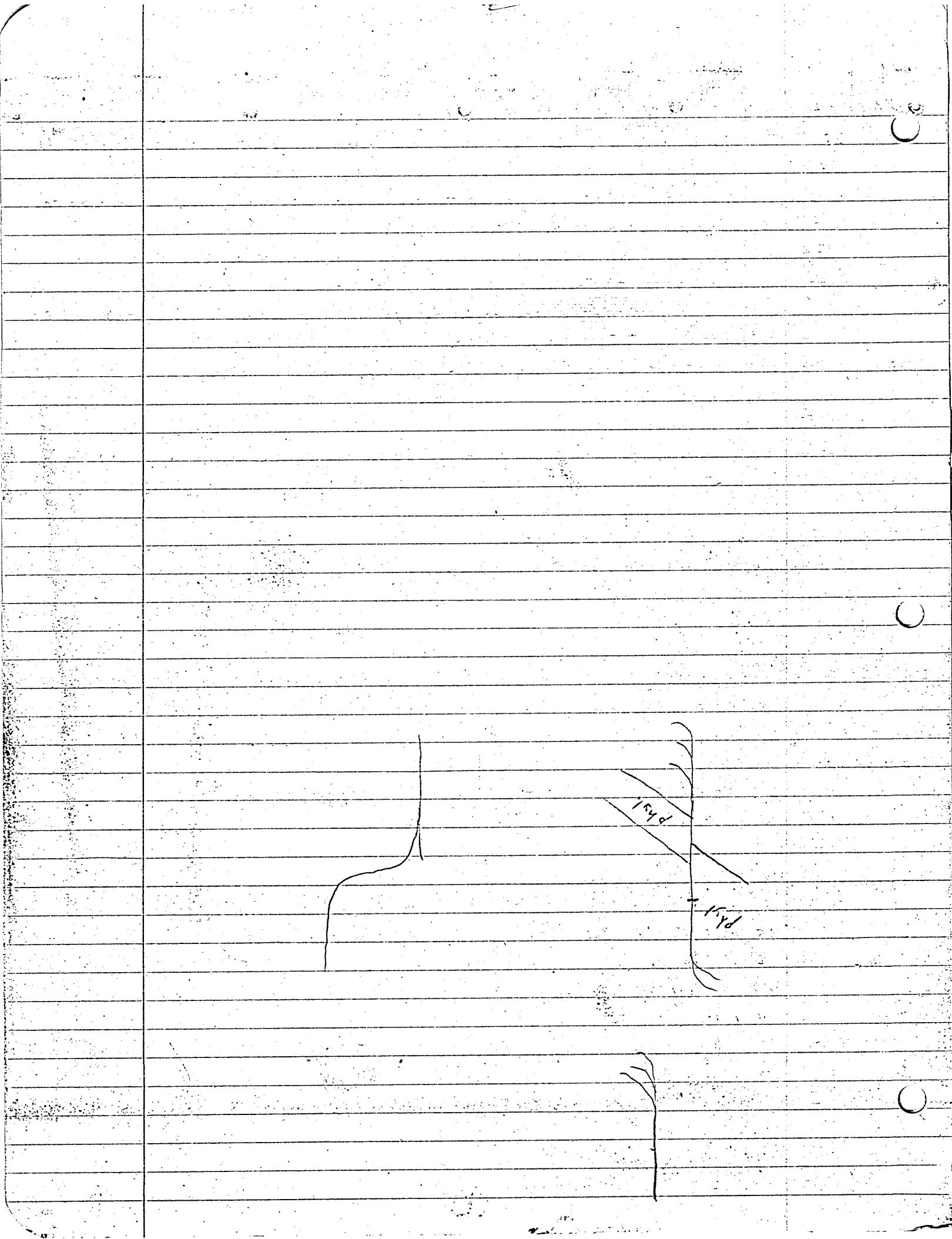
MA41 - A42 On rim.

MA42 - O131 Bluff top; heading down gully for tape & Brunton. Actually top of %c may be said to be effusus, jogging 15' E thru O. Still sets.

A43 On trail to highest D.D.H. Rock at this D.D.H. is siliceous blk phyl & petrified grs. sp. 6.

MA43 - O132 Highest D.D.H. on Excise (Hazel)

O133 Top of %c, on gs,  $300^{\circ}80$  SW. Stip of %c is 13' at  $138^{\circ}$ , still gs. Down its drill trail.



3rd, almost Ely phytoge contract is 11' at 220° fr A 44, on E end %.

May 26

plunge in bluff nr ~~the~~ is 130° 10'. Elsewhere it ranges down to 0°.

In A 44 - 0134 - SW ctc of % band of seds, mostly grey reg. 16' wide.

0135 - on gs, 10' E of top of % band, but there is a runback of 15' just to N.

0136 - on same ctc as 0134; off 300° vert; df suggests % S.W. but no proof. 10' fr S end %. Sed's exp. 4' or 11' across str. to NE, then 8' of cover to gs. Exps. of seds & reg. more or less gs fade out in abt 30' NW.

0137 - base of this % NW of A, is drill trail, still ongs. Bluff DDH directly below.

Tape of compass

0135 - C4 - 19.5' - ctc of gs on NE with phy, org & grit on SW; extra upper part of gs is gritty; df suggest but do not prove % NE.

50' - % in seds.

61' - ctc of seds on NE with gs on SW - df suggest but do not prove % SW.

Top of % 10-15' NW

0134 - C5 - 45' - on SW ctc sed band at 0134, near only 5' wide; eternally exp. df across band prove it is a SW trail, also indec if prob. does not go much lower, does not reach top of bl. fr 10' lower & 30' back.

Final W ctc of gs prob. passes under A 42, or close to; top of % (7.1 in SA) is 25' SE.