

JUNE 25	LINES 236-244W SOUTH OF CAMP	1-3
26	ANOMALY HILL	4
27	220W → 224W/25N → 232W	4-6
28	224W/70-75N	7-8
29	NW OF CAMP	8-13
30	N RIDGE, ANOMALY HILL	13-17
JULY 1	W OF CAMP, 244 S, 240N	18-23
2	188/180, S. RIDGE ANOMALY HILL	24-27
3	YELLOWKNIFE RIDGE	28-30
4	224W, S TO 40N, 220W TO 35N, 216 TO 10N, ACROSS RIVER <sup>236-220 S OF 25N</sup>	31-36
5	DRAFT.	37-41
6	MNW OF CAMP & N RIDGE, ANOMALY HILL	42-43
7	90N TO CONTOUR GUTS	44-51
8	CONTOUR GUT + RIDGE TO E.	
9	EAGLE'S NEST RIDGE + WOLF RIDGE	52-56
10	<sup>LOW</sup> N. FACE, ANOMALY HILL, (11 - DRAFT)	57-58
12	UPPER N. FACE, ANOMALY HILL	59-60
13	228, 224, N. CARIBOU GUTS (14, DRAFT)	61-65
15	ANOMALY HILL, (16, 17 DRAFT)	66
18	CAMP O/C, DRAFT. (A REPORT)	67
20	→ WOLF RIDGE, (21 RAIN)(22 CARSON)	68-69
23	→ DYKE SWARM	70-71
24	LEGEND MTN	72-76
26	S. CARIBOU GUTS	77-80
27	→ MOVE.	

001590

June 25. <sup>u w</sup>

①

✓

Overcast + liable to rain.  
Get off to good start by  
slicing up finger + hence can't  
write.

Look around + cut up maps til  
10 30.

① H1 + 50 N / 238 + 50 W.

TINY o/c of lustrous grey phyllite  
with contorted, irregular lat. beds.

Phyllite has a pervasive cleavage  
with two sets of orientations —  
one weak and one v. faint

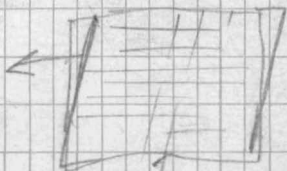
S - surface 063 / 11 W variable

weak con are 325 / 9 \* (A)

v. faint 063° / 3° \* (B)

// B FING

325/9 ←



063/3

②

237 W / 36 + 30N

Fine cross 348 / 21

(A)

S - surf. 125 / 31N

grey phyllite

③

236 + 50 W / 36 + 50 N

grey phyllite

irregular coarse cross

010° / 21° (C)

fine cross as above, some oriented  
coarse 300° / 8° (A)

other coarse cross.

063 / 36 (B)

④

236W / 37 N.

small o/c? of v. contorted, ?

chevroned phyllite - folds: -

001 / 25 (C)

Fault gully at 236W

35 + 70 to 36 + 30 N

(2)

✓

trending 318° with o/c on north side.

⑤ 235 + 30W. / 15 + 85N

Chloritic phyllite 098/60N s. surf.

⑥ 232 W / 19N  
Coarse chlor - amphib, gneiss

s-surf 144 / 48N.

Minor gnt, qtz.  
Fairly massive

⑦ Chloritic phyllite

S. SURF 151 / 55N

Lamination in chlor - looks also like

s-plane intersect -

005 / 44

⑧

LIMY PHYLITE. 50' WIDE

KINK FOLD AXIS 078/52

 $S_0/S_1$ ? INTERSECT.or  $S_1/S_2$  " 336/42

S SURF 122/65N

BOUNDED TO N BY CHLORITIC PHYLITE

LIMY BAND TRACEABLE BY FELDS

TO 226W/15N

TO 228W/13 + 20N

TO 232 W/16N

236 / 16

⑨

Chlorite schist

S. SURF. 107/67N

OLD GRID: 239W/12S

IS AT 236 + 90 W/14 + 30N

(3)

OLD GRID 239 / 85  
IS AT

236 + 90W / 18 + 80 N

(10)

S<sub>2</sub> CREN. CLEARANCE  
129 / 54N

243 + 80 W /  
165 + 20 N

~~W/B/O~~

STEEPER THAN S<sub>1</sub>

CHLORITIC PHYLLITE +  
LIMEY LENSES



Looks almost pervasive in some  
places. However S<sub>1</sub> is easily seen

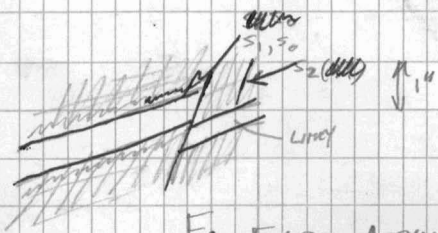
(S<sub>1</sub> X S<sub>2</sub>) 123 / 16

~~W/B/O~~

243/80?

~~W/B/O~~ S<sub>1</sub> 144 / 28N.

LIMEY BANDS TRANSPOSED



F<sub>2</sub> FOLDS ASYMMETRIC TO  
THE SW.

(11)

S<sub>1</sub> 150 / 19N

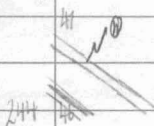
S<sub>2</sub> 134 / 19N

054 / 25 ROOPING - SILICA + OXIDE?

- ROOFS 2" BY 0.2" DIAM MEASURED

ROCK IS LIMY PILLITE.

S<sub>1</sub>/S<sub>2</sub> 123/5.



Y-1-72 - AORTIC DYKE?

NE #1 # Y 10941

SE #1 # Y 10942

NW #2 Y 10940

SW #2 Y 10939

TOP OF HILL 094

TOP OF DYKE HUMP. 247

~ 200' DOWN ROADS FROM TERRACE

June 26

(4)

✓

Rain.

Stopped evening allowing trip up  
to undeformed greenstones.

Consolidation cleavage good on summit.  
Beautiful agglomerate in various stages  
of smearing.

Some rodding along T.P. ?

---

050 - 070

FOLD TREND

ASSOC

WITH BRITTLE FOLDING

& JOINTING.

June 27

Rain

Cloud base at 5000'

start 9-30 walking line

220 W from camp south

51 N. 221 + 50 W.

o/c of grey lustrous phyllite  
and claim post.

# 1 AM 13

Y 63889

# 2 AM 12

Y 63888

} 51 N / 221 + 50 W

M.R. SWANSON NOV 5/71

o/c dominantly grey lustrous  
phyllite with minor interbedded chert-  
phyllite

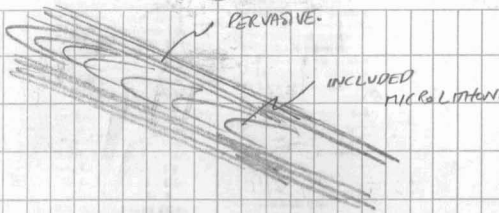
Dominant s-surface 114/47N.

F<sub>4</sub> axes 307/25

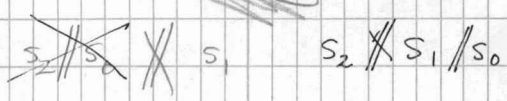
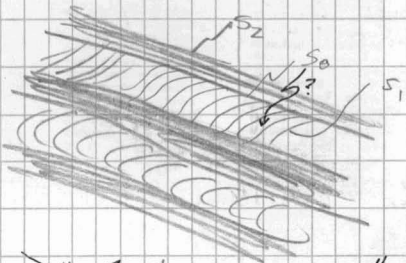
weak second / fracture cleavage }  
~ 295 / 24 N

5

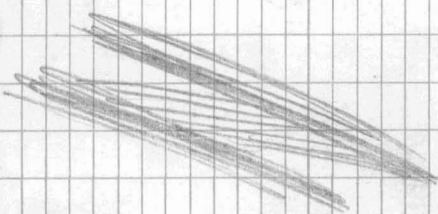
✓



114/47 is an  $S_2$ .  
 as shown by samples Y-2.



295 / 20 N & 295 / 24 N  
 are  $S_1$  DOM.



$S_3$  or movement plane?

172/53E

cross or this 159/17

② AT 42 + 80N/219 + 70W.

CHLORITE SCHIS + GNEISS

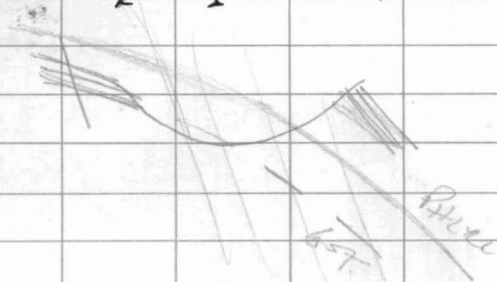
$S_2$  FRACT 102/65N

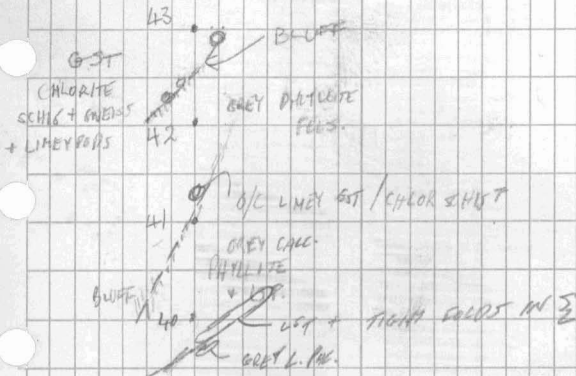
$S_2$  STEEPER THAN  $S_2 // S_0$

ANTIFORM TO SOUTH

$S_2 // S_0$  101/27N.

$S_2 \times S_1$  292/10



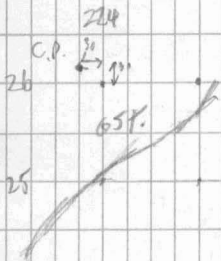


(3)

FOLDS IN PERV SCH GST  
086 / HORIZ.

223/26 M

FOLDS IN QTZ WITH PERV. SCH




C.P.  
#2 17x 180  
#2 17x 181

E.K. COOKE

FEB 16 1969

230 + 50 / 38 + 50 N.  
o/c LIMESTONE

29  GREY MIPIL.

 LST

38


232 / 42

o/c GREY PHYLLITE

232 + 18.

43 ft 90. GST

H

46  GST

UNITS

(7)

✓

GST :- UNIT 9

L. PHYLLITE : 8 (4).

'LST' 6

✓ JULY 28.

SNOW AND WHITE-OUT A.M.

P.M. MELT + FLOT

EVENING :-

① 224 + 00 TO 15 / 72 + 20 TO 95N

CHLORITIC SCHIST / LIMESTONE PODS.

S. DIRM - 032 / 13 W - VARIABLE

- looks very calculation cleavage

- definitely another fabric

but rock is too blebby + knobby to measure it.

② 223 + 70 / 73 + 10 N

CHLORITIC PHYLLITE / SCHIST

- AUGEN STRUCTURE DUE TO RUSTY

INCLUSIONS.

S. DIRM 022 / 18 W.

(BETTER THAN ABOVE)

CRENS 037 / HORIZ

S - intersect 294 / 20.

other have a variable dip  
fract cleavage e.g. 104 / 40N.

joint lineation 333/9. ✓

honey bands // S<sub>1</sub> (S DOM).

③

chlorite schist - cleavages not good.  
especially second - a variable  
fracture cleavage.

S DOM 012/7 W.

S FRACT 074/34 W.N. VARIABLE DIP.

INTERSECT 269/8 (GOOD). ✓

① SPECIMEN WITH CONTACT WITH PHYLITIC

ROCK WITH ELLIPSOIDAL INCLUSIONS.

MUST. BE S<sub>0</sub> FEATURES.

224 223 222

76

④ = SX  
075/5.

75



BETWEEN 044/6E

+ S DOM

L. HORIZ  
S FRACT.

075 HORIZ

① SAME

BETWEEN S DOM + S FRACT  
STEEP.

LOOKING NE



July 29.

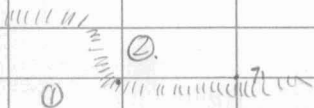
High overcast, with a very  
grey, Arctic look & feel to the place.  
Half the snow has melted, & the  
rest is just starting to (9:00 a.m.)

232 W / 70 + 50 to 71 N

- shallow bluff trending grad E-W  
as marked as possible contact on  
photo. Bluff is of v. limy greenstone -  
orange colour but high silicate content  
or impure lat.

234 + 20 W / 70 + 70 N

Corner of veg change



Marked break with bluff between  
grassy veg ① + heathery veg ②  
with orange limy fels.

① Limy phyllitic greenstone

S DOM 061 / 12 E

S FRACTA 129 / 27 S

112 / 26 S

S X DOMA 158 / 12

S FRACT B 156 / 17 E

S X DOM B 110 / 8

② VI. LIMY ORANGE GST.

Contact marked on photo is probably  
join between chlorite schists + lct.

③ GST o/c SNOW COVERED.

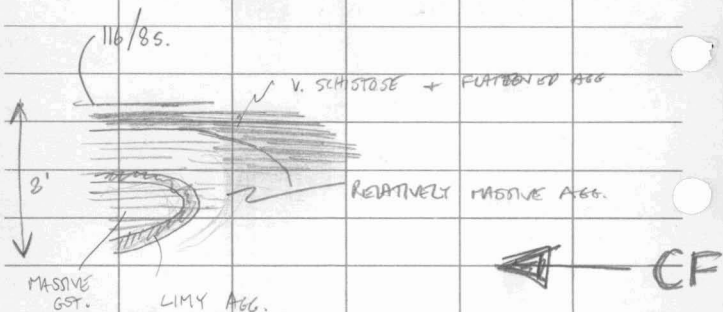
S DOM 148 / 10 WNE

o/c is of deformed agg with  
ellipsoidal agg frags.

④



ON A LARGER SCALE



LOOKING SW AT (4)

(5) V. SCHISTOSE + FLATTENED AGG UNDER ORANGE LIMY BED. + NEUTRAL COLOURED CHLORITIC PHYLLITE

S DOM IN AGG 165/14E.

CRENS IN PHYLLITE

283/5

ORANGE LIMY SEAMED WITH CALCITE VEINS

EG 054/18. S. ←

S DOM 169/2 W.

LINEAR ELEMENT 231/7

apparently S intersection with

056/24 S. ←

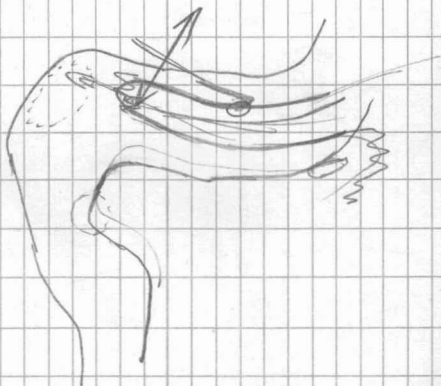
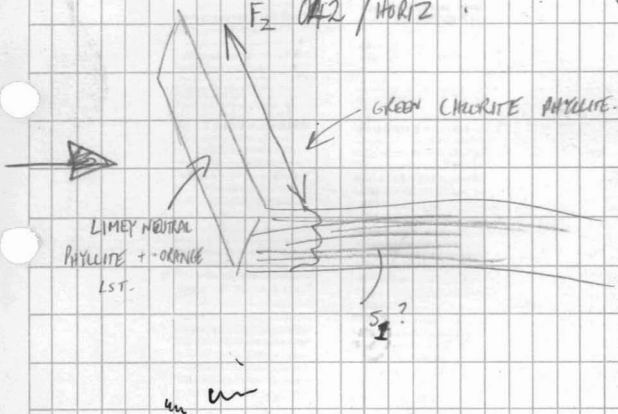
↻ 055/215  
 (S) 054/18  
 056/24

(10)

(6) looking SW + DOWN

$F_2$  042° / HORIZ ?

✓



(A) MINUTE WIDESPREAD TENSIONAL FRACTURING  
154 / VERT.

✓  
⑧

S<sub>DOM</sub>

068/17 N

CHLOR

PHYL

OVERLYING

ORANGE

LS + PHYL.

Faint

crementation

308/13

⑦

PILLOWS

ON S & W SIDE OF

⑦.

S ×

1/2

285/7.

S<sub>2</sub>

091/32 N

CHLOR. PHYL.

MASSIVE

PILLOWS

WITH

VESICULAR

MARGINS

&

V. SCHISTOSE

MATRIX.

⑨

DARK GREEN

CHLOR

PHYL.

LENSLET

LOOK

MAY

BE

DUE TO

FLATTENED

PILLOWS

A

FRACT. SURF :

168

/

22 W.

S<sub>DOM</sub>

157

/

9W

⑩

COMPLEX

INTERDIG

OF

ORANGE

LS +

SCHISTOSE

AGGLDT.

S<sub>DOM</sub>

-

HORIZ.

⑪

Banding

on S<sub>DOM</sub>

-

bedding?

S<sub>2</sub>

×

S<sub>0</sub>

200°/4

12

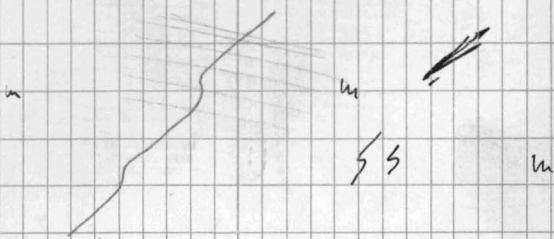
S<sub>2</sub> 042/9.W  
FLATTENED 166.

VI

✓

13

S<sub>2</sub> 075/16 N.  
calcite veins 078/17 S. are  
folded thus



14

Well flattened egg - orange  
lumpy veins + pods.  
S<sub>2</sub> 101/25. or flat.

15

Greenstone, apparently not agglomeratic.

16

S surface 092/7 S in got.  
schistosity weak  
orange lime bed apparently  
tends one uphill to left of summit

(17)

Fairly massive greenstone  
orange limy pods.

poor sch: 090 / 18 S.

crumulation? : 131 / 10.

sample 1-3.

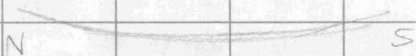
(18)

Pitso - doleritic texture

poor sch 133 / 4 N. ?

133 / 10 S

(311)



(19)

Gst poor sch.

apparent small pillars ~ 1'6" x 1'

of spotted chertic material —

may be that agglomerates, with same  
light fragment colour as pillar breccia.

Pillared structure makes false v.  
various.

h


POST.- #1 Y 21085

NO OTHER INFO.

ROCKS here are finely so banded

(20) Massive greenstone  
- pillared

(21) Weak schistosity - parting every 1"  
150/30 s.

(22)   
Across other side of valley -  
highly schistose chloritic phyllites.

S<sub>1</sub> 000/14 w.

v. gentle cap + cres 296/12

S<sub>2</sub> 140/55 s.

usually axial planes to warps.

(23) S 100 144/8 N ✓

cres 305/7.

HIGHLY SCHISTOSE CHLORITIC PHYLLITE

UNDERLYING UNCREAS'D CHOR PHYLL.

(24)

crin'd chlor sch. ✓

S 053 / 5N

crin 295 / 4.

(25)

chlor-phyll

S 174 / 8 W

crin 301 9.

N. FACE OF (25) is planar

showing flattened pillows.

(26)

limy phyll.

S 093 / 3N

crin. 303 / 1

(27)

chlor-phyll

S 169 / 6 W

crin 299 / 6.

(28)

more massive + basic gnt.

S 170 / 15 W

crin. 296 / 12

(13)

~ ~

✓

(28) outcrop is all much more massive & ~ north<sup>NE</sup> trending - another of the grid with lineaments.

(29) flattened aggy.  
028/15 W ~~~~~

(30) pitte ~~~~~  
034/17 W

POST 240 + 90 W  
19 + 50 N.  
AS REC'D.

~

~  
~  
~

30<sup>th</sup>

JUNE ✓

Sunny &amp; bright (still snow on ground)

① 220 W / ~ 80 N

s<sub>2</sub> 090 / 44 N  
 steeper than s<sub>1</sub> again.

s<sub>1</sub> 065 / 17 N  
 cross 298 / 26

chlorophyll - neutral green.

② Massive chloritic rock

Y-4

with lenses? with schistose nearby.

~~stumped~~  
 schistose agglomerate at northern  
 end of o/c. apparently in

site - massive may be large frag?

s 183 / 10 NE

cross 122 / 2.

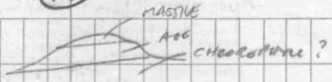
③ Back into chlorophyll

s 174 / 10 E

cross 097 / 10.

(14)

o/c ②



TUFFS, VOLC SEDS

AGGLOMS

u  
w

MASSIVE pillows  
ETC

Ⓐ Fairly massive ~~the~~ got.

S 082/25#5

overlying neutral, rusty weathering, chloritic  
 schist / phyllite. with characteristic v.  
 contorted inclusions of dark grey  
 graphitic qtz phyllite. The latter is  
 seen scattered in the felspar near

Phyllite Y-5

Rusty weathering Y-6

Fairly massive Y-7.

unit Ⓐ marked on photo is  
 Y-5/6 color. 5 - minor (✓)

(5)

Chlorophyll

S 170 / 8 W

crens 300 / 4

(6)

chlor phyl. may be agg

S<sub>2</sub> 109 / 43 N. x surface

123 / 61 N

crens of minor folds 302 / long.

S<sub>1</sub> 124 / 7 N.

(7)

base of lit

float of graphitic qty phyllite  
with 3 crens.

Fold like structures in

bas.

S 146 / 25 N.



SCHISTOSE  
LIMBY

RELATIVELY  
MASSIVE  
GAT.

make to obtain measurement.

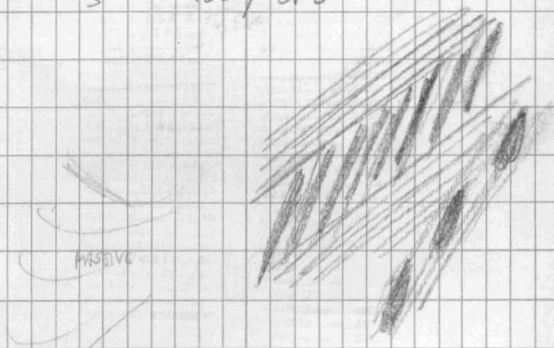
(15)



(8)

S

156 / 31 S



(9)

schistose got hit with  
Hokey o/c.

good fract cleav. 137 / 385  
 SX with  $S_2$  ~~336~~ 156 / 9.  
 L 117 / 16 S.



(10)

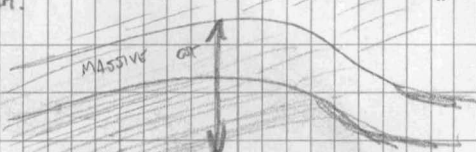
hill contact

2

SYNFORM.



SCHISTOSE BLOCKY FRACT.



5'

S  
113 / 25 W.

FELSIC  
RUSTY CHZ. PAT.

+ ORANGE URIFST.



M

(11)

Agg v. flattened  
 s 024/7 W  
 cres 288/8.

(12)

s ~ horiz. v variable  
 around agg frags.



FRAGS FAIL BRITLY WHILE MATRIX SQUEEZES.

(13)

AGG.

s<sub>1</sub> x s<sub>2</sub>

310/8.

s<sub>2</sub>

091/185

s<sub>2</sub> even dens at top of hill

Top of hill - aggy

(14)

AGG

s

054/10 N.

(15) schistose got. - dark green.  
073/53.

Gully at 15 may be a fault  
across it is neutral chlorophyll.

(16) above rock has bedding  
Y-9.

cross. 297 Horiz.

s. 092/12N

064/17

S<sub>0</sub> x S<sub>2</sub> ?

second can?

PAUSE FOR HAILSTORM.

(17) Dark schistose got of (15)

= 244/8 S 064/85.

another plane : 096/17 S

Sx on this 281/3.

(18) got - interdp small + bedding.

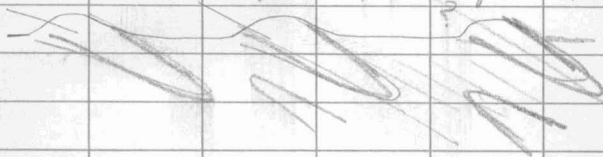
S<sub>1</sub> 096/31N.

F<sub>5</sub>? cross 077/15.

S<sub>3</sub> 083/79N.

going along this ridge

1 g<sup>t</sup> 1 g<sup>h</sup>. 1 g<sup>t</sup> 2 h. 1 g<sup>t</sup> 1 g<sup>h</sup>.



(19)

Stickmarked plane

070 / 70 N

slides with 75W.



S 089 / 45 N.

cross 305 / 29.

joint line 070 / 27.

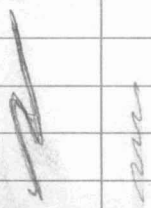
FOLDED

(20)

Tight to isoclinal folds

in S<sub>1</sub> in chlor sch + lignite

292 / 8



DOWN PLUNGE

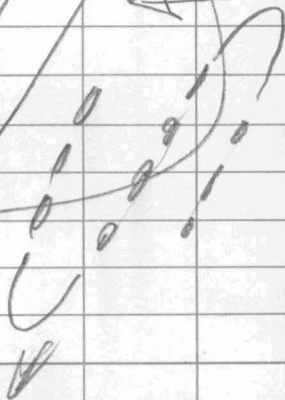
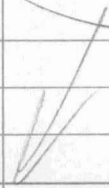
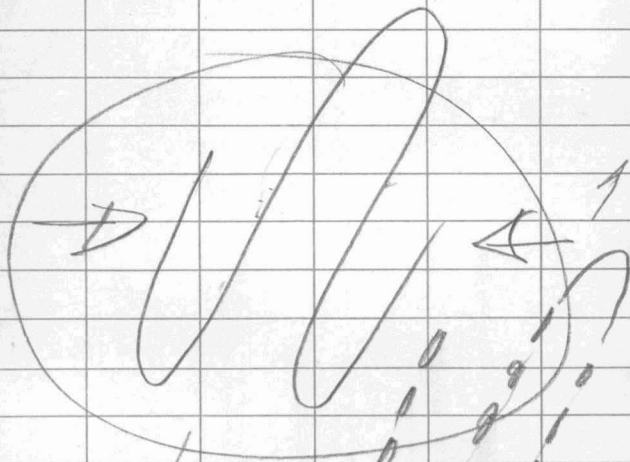
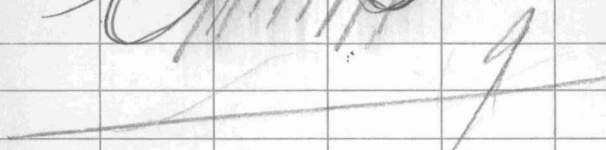
S<sub>2</sub> 106 / 48 N

(17)

✓



Handwritten scribbles at the top left of the page.



July 1

(18)

✓

Broken cloud, periodic heavy showers

① Chloritic schist - phyllite

internal banding

Compositional banding

5 surface irregular round boudins

067/25 N

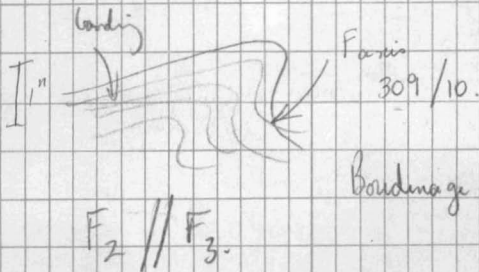
// 30 - fine tuffaceous banding

crens irregular 278 horiz

② v. well banded chlorophyll

- must be tuff.

- v. contorted = around boudins



③

chlorophyll

S?

344 / 29 E

S<sub>2</sub> x

010 / 12.

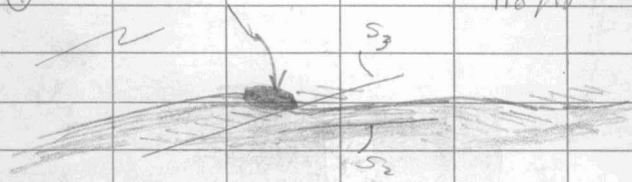
✓

010 bedding is quite strong

④

F<sub>3</sub> Z or S<sub>2</sub> bedding

~~118~~ / 15



agg in bands.

S

163 / 38 E

If F<sub>3</sub> Z then antiform to S again.

chlorophyll.

pinkish W - banding aged limy  
band. + good bedding

⑤

Relatively massive limy agglom.

S

141 / 24 S

irregular structures.

pos

weak

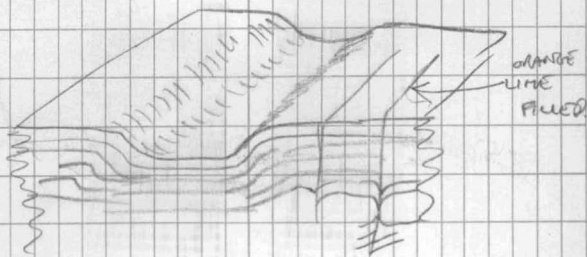
S<sub>3</sub>

144 / 24 N.

SX

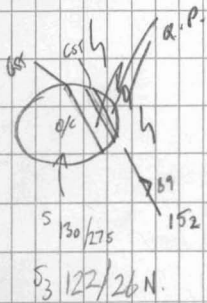
134 / 10.

⑥ finely banded quartzite phyllite  
with rounded layered limy layers  
+ box + cusp fold



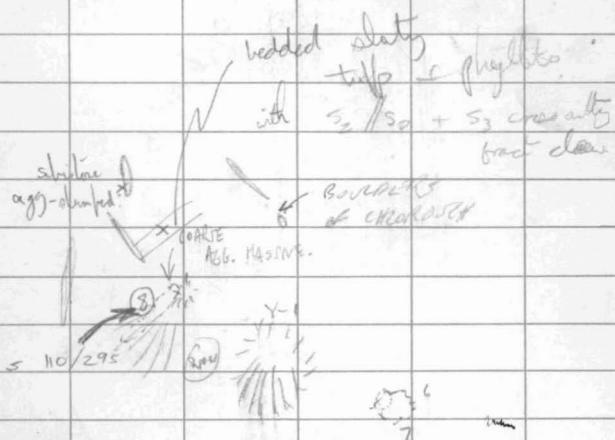
"INTERNAL" STRUCTURES.

⑦



F<sub>3</sub> minor warps +  
ax 117/3

~~WZ~~  
older



⑧ Trace round front face of knoll  
v. massive coarse rubble of tuff.

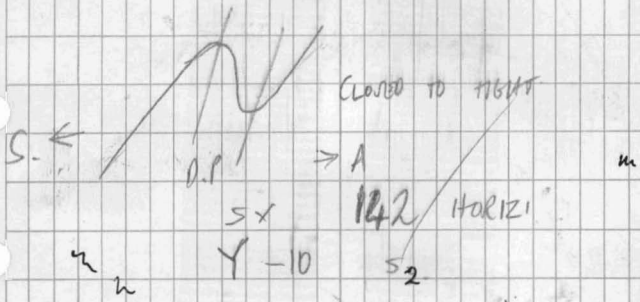
⑨ Base of bluff below  $s_2$   
crack clear of c.

$s_1$	138/42N	
crack	127/26.	↘ DISTANCE
kink.	110/34 ←	↙
		cf at 238/16N

(20)

✓

folds in  $S_2$   
 $S_2$  142 / 69N



(10) Y-11 almost per  $S_2$  ?  
 $S_{21}$  150/20.

(11) 243+90W / 33+50N. TINY O/C?  
 $S_2$  103 / 38 N  
 $S_1$  AS METACALCATIONS.

Phyllite.

(12) 243 + 20 W / 28 + 30 N  
 $S_2$  134 / 23 N.  
 marks 075 / 22

contact? ggp. phyllite overlying neutral chlor. phyll.

(13)

22

25N

244

~~213~~

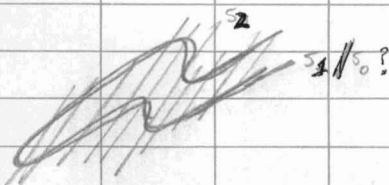
PHYLLITE + LIMY CRAP.

1" WIDE MESOLITHONS

Y - 12.

S<sub>1</sub> x S<sub>2</sub>

127 / HORIZ.



Broad crems

244 / 11

} same surface.

F<sub>3</sub> crems

326 / 17

}

(14)

244W / 21 + 30N.

SCRAP OF PHYLLITE

ON

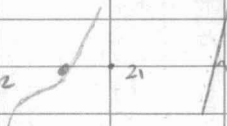
TINY BLUFF AT

21 + 30

20 + 05.

22

21



(21)

✓

# HOLY MACRAMÉ

~



IN GOST. ✓  
O.

(you see it, dumbell).

Y-13. s<sub>2</sub> in gost.

From 40 N TO 18N

All phyll except for  
o/c noted

spec all phyll 25-18.

18-16 gost tongue will  
be apparent on photo.

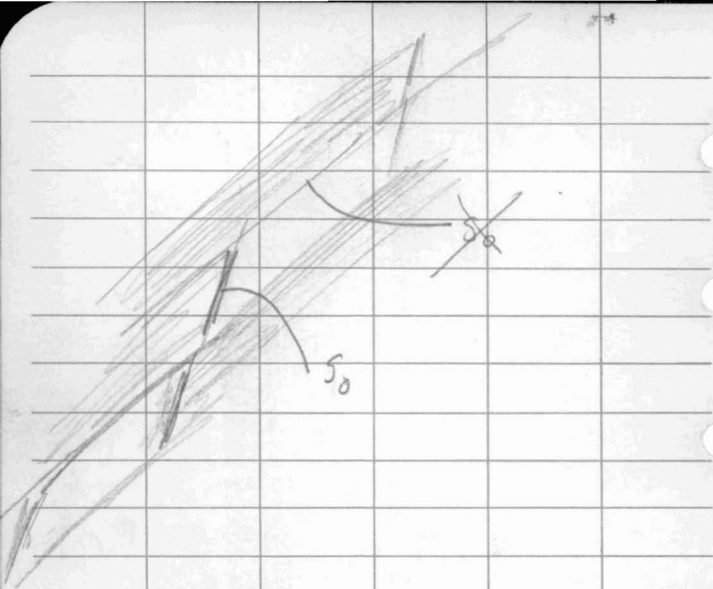
(15) 243W 12+70N

MEGALITHONS PROVED. ✓

- LIMER of showing transition  
folded s<sub>1</sub> to s<sub>2</sub>

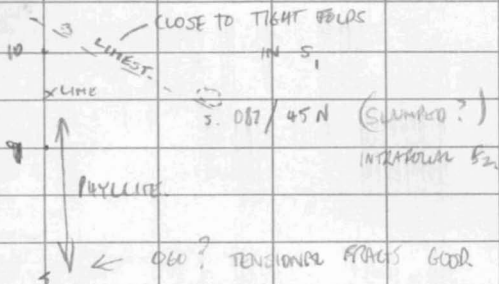
Slumped, no mounts.

NEEDS A PHOTO.



$12 + 20 - 11 + 80 \text{ N}$   
 rubble of limy phyllite

V



242/6N Phyllite rubble.  
These southern phyllites are  
lighter + more sensitive than  
in the N.

S<sub>2</sub> 089/36N



LITEST

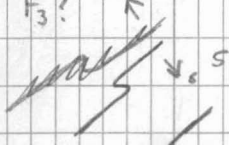
INTRAFOLIAL F<sub>2</sub> IN S<sub>1</sub> - ISOCLINAL

ABSD

N

F<sub>3</sub>?

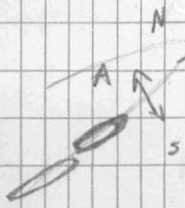
A



PLUNGE?

F<sub>2</sub> BOUNDING

GOOD PHOTO OF  
BOUNDING + INTERFOLIAL  
F<sub>2</sub>

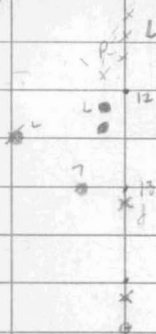


NECK PLUNGE

093/8

244/10N - 240/10N

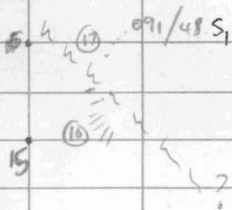
LIMEST RUBBLE



(16) Base of gpt knob  
 S4 074/21 S



S2 140/53 N  
 variable js



F2 MINOR FOLDS

S3 PLAT  
 SIPPING

(17)

240 + 70 / 18N.

(23)

✓

NEUTRAL CHLORIDE SCH.

V. TIGHT CLOSURE WITH 5/2 A PUMPER  
318/3.

ACSD

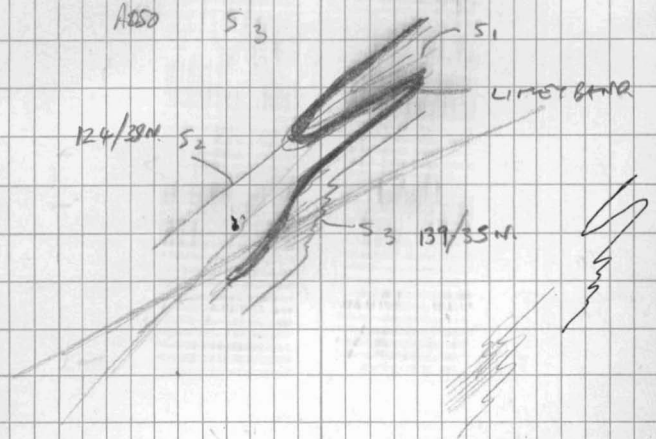
S<sub>3</sub>

S<sub>1</sub>

LIME BAND

124/39N S<sub>2</sub>

S<sub>3</sub> 139/35N.



240

19 + 50 P.

20 + 90 P

~~20 + 90~~

21 P BUFF

23 + 90 240 + 20 P REBRIS.

24 + 80 P

27 P

27 + 70

29 + 10

29 + 10

30 + 50

33 + 8

o/c at 42? 240

at 43 241

2<sup>nd</sup> JULY.

(24)

✓

30N / 203W.

Febsonner of rusty weather  
darker phyl with minor  
gray grt.

201 + 50 —

ORANGE LIMEST.


SUNNY, NICE BREEZE

CLOUDS — BANANAS.

189 + 70W / 79N TIED TO THE LINE

140

150

PHOTO 

5 127 / 18N

WELL CLEAVED CHLOROPHYLL

CREMS 350 / 7

(L? 5 x, (s dipping shallow E.

ca 82 N / ~~186~~ W

✓

BLUFF o/c SUMMIT OF

CINOR. SH.

2 CLEAVAGES

1 NE SHALLOW DIP

OTHER NW " "

5 x ~ N / 10°

⑤-⑦ see p. 16.

Horizontal contact  $\frac{2}{3}$  way down  
bluffs between massive poorly  
foliated gneiss & rusty weathering  
well foliated lime chloritic schist.

115 N. 180 W.

SAMPLE Y-13

S.?

No #2 KD 8 #2 KD 2 2.9.71

D. BEAL 2

No #1 KD 1 #1 KD 7 2.9.71

A. DURFIELD.

104 + 70 N / 181 + 80 W.

188W / 78N + 10

S GST FLOAT / PHYLLITE FLOAT CONTACT

76 x P.

75 + 30 x P. - 75N.

74 + 50 BIG GST BORDERS

74 x P SMALL BLUFF

73 + 70 P

73 + 50 / 188 + 40.

sub outcrop of phyllite

PROBABLY SLUMPED S ~ 120/59N

73 + P.

72 + 30 / 187 + 70

TNT o/c SLUMPED? S } 092/39N

cross 062 / 21 say it

hasn't slumped much

cross 308 / 20 say ditto

FLOAT has four sets



SPECIMEN  
Y-14

AT N END OF 188

188W TO 192W 250'

188 / 125N 15 30' GRID NO. 188

OF 188 / 125N.

122N GST FLOAT.

- schistose chert

118 AGG FLOAT.

(3)

GST.

188 / 71 + 10 N

GST / P CONTACT.

118

72

71

G

P

20

10

Px

Px

69

X P

PLANNED

GST. CRACK

68

68

X P

68

X P

68

68

BIG O/C  
5 097 / 34 N

(2) 095 / 41 N

(3)

OLD FOLD W/ OF STEEL RANGE

good green cleaver  
5 120 / 68 N

305 / 34

INTERMITTENT  
~ 100"

5 1 070 / 54 N

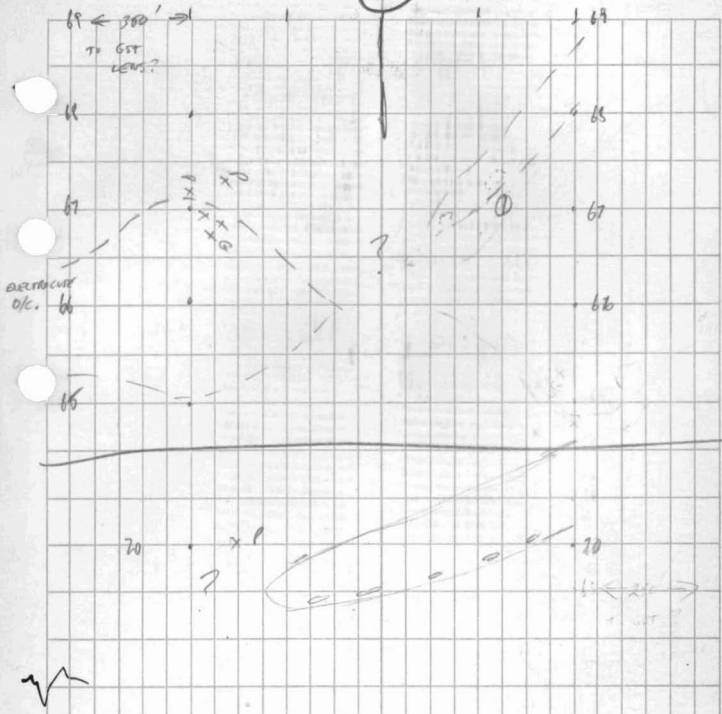
188

192

(26)

188

✓



192 W / 66 N

beautiful similar folds in limy chlor. Hgt  
 cross // folds, no S surf, intercalated  
 20-40°, generally strongly asymmetric N

These are F<sub>2</sub>

o/c ① has similar folds grading into  
 Pennsine S<sub>2</sub> 124/66 N

other parts of a/c have  
near  $S_2$ , other <sup>near</sup> microfills

~~~~  $S_2$   
LOOKING W

POST

184 + 20 W.

70 + 50 N.

# 2 KD 19

# 2 KD 21

# 1 KD 20

# 1 KP 22

D WATTS 9.9.71

(changed from 2.7.71)

(27)

✓

192

70 + 70 X P.

73 + 10

74 + 10

75 + 70

bluff with o/c phyllite.

cren 330/7

cren 109/16

S PERV. 148/28NE.

76 G/P cont.

This gpk band goes down  
to cross Tie-line at 188.

SAMPLES Y-13

180W/115N

Y-14

187 + 70W/72 + 30N

Y-15

JULY 3

Camera: ?

No clouds early a.m.

Old geochem 179W/56N is at

BASELINE 180 + 40 W / 80 + 50 N.

① GST RUBBLE

old geo. 174/54N. is at

176 + 40 W / 77 + 40 N.

long show-path with rubble (o/c underneath?)

G is a LIGHT SANDSTONE  
Clastic rock

GENERALLY RUBBLE  
IS MIXED.

ROOT OF VEIN QZ +

CARS MAY INDICATE

BLUFF IS VEIN OR

FRONT ZONE.





Y-17 -  $s_4$  ? (29) ✓

crens & o-plane + minor gentle  
warps 141/4

Y-18. flattening cren clear - relic? ✓

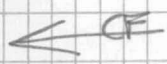
$s_{DOM} = s_2 (1 \text{ or } 3)$  135 / 52  
with crens 135 / horing

strong fracture set 000/50  
on  $s_{DOM}$

(4) Chloritic phyllite?

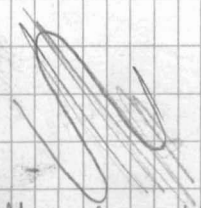
$s_{DOM}$  135 / 53 N.  
clens 324 / 8.

weak cren + v gentle warps  
040 / 51



(Bondia nearby.)

(5)



M 150CLINGS  
297/12

with axial planar cren clear  
147/44 N

folds only weakly evident

⑥ Phyllite four o/c.

weak veins 101/18

S 20M 170/27E

F<sub>3</sub> veins 354/5

POSTS GALORE.

#1 TAF 40 E. R.

#1 TAF 39 E. L.

25/9/11.

C. McLEOD

#2 MX 123 ~~W.L.~~ 16/2/69

#1 MX 121 W. L.

"

J. D. HAMEL?

OTHER TWO COMPLETELY WASHED OUT.

330' FROM KNOB AT 060°.

⑦ FOLDED GNEISSIC GST

086/34 S

160/50 W.

166/69 E.



Post AT 010 (BACKSIGHT & FORESIGHT)  
400' from Knobs

#2 / KD 23 / 219/71 / R. DURFELD.  
#2 / KD 25 / " / " / "

(ILLEGAL 4x2' - INSTEAD OF 4x4' 5/8")

(8)

S<sub>2</sub> 140/44 N.

with mesolithons

grows looking like s-plane  
327/7

Phyllite

4<sup>TH</sup> JULY

(31)

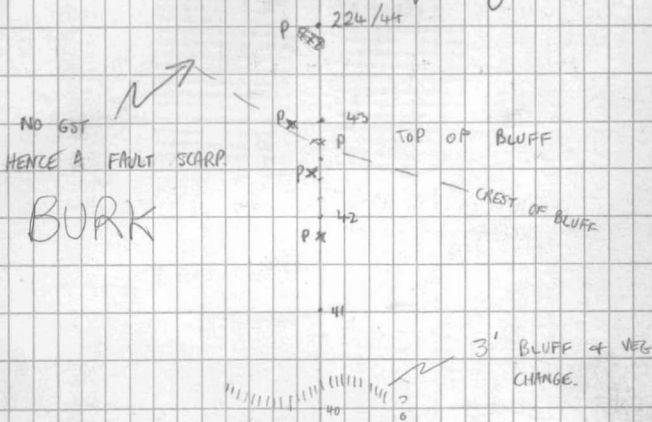
V

Sun, cottonwoods + breeze - very pleasant.

Walking 224W, south from ca 70 N.

224W / 43 + 80N.

near o/c + feb of phyllite



OLD GGG 41N / 224W 5 AT

NEW GRID. 224 + 35W / 39 + 30N

Cross to 220 TO TIE IN READINGS ON o/c.

LINE 220

Takes a helluva banana at

around 30N, TO THE EAST LOOKING S.

Y-19 - TALCOSE PHYLLITE  
BANDS QZ-EPIDOTE?

IMPURE PHYLLITE  
LST.

CHAROTIC PHYLLITE

S1 095/10N

Y-19 X ← S5

20  
39

LIMY PHYLLITE

① CLOSE TO TIGHT Z FOLDS IN SILICATE

LAYERS

099/30N S1

307/12

F2 FOLDS

OVERTURNED ANTIFORM TO NORTH, SYNFORM TO SOUTH.

GOOD INCIPENT LITHON DEVELOPMENT.

NEARLY //

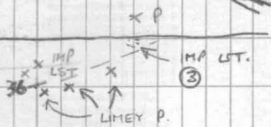


② has good lithon structure brought at  
by limy folia. S2 is better  
developed. 101/10N

NOTE LESSER DIP.

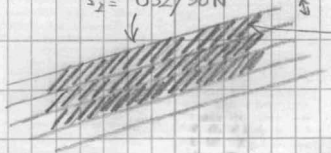
220 (32)

39.



(3)

$S_2 = 032/30N$



$S_1 \times S_2$  321/33

CROSS TO 216W

2 CLEAVAGE SCHISTOSE LIMY  
RUSTY WEATHERING GST.



IMP LST x  
S 119/27  
V. QUESTIONABLE READING

36.

~~above~~ WALKED TO 10N

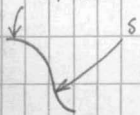
CROSSED 212/208.

207 N/ 11 N — rubble of phyllite

↓ various others — probably glacial.

(4)

S 023/42 W



120/76N

Y-20

FOLD 108/15

QTZ SPATHIC SCHIST WITH CARBONATE

5) Graphitic rusty phyllite ✓

s por 067 / 30 N

crackles 001 / 23W

sx 280 / 17

Y-21

⑥ As ④

Y-22 Rusty qtzose phylloschist

altered? bleached zones, rusty yellow

zones s 096 / 35N

Very interesting looking rock.

200W / 16 N 15 IN MID OF o/c.

⑦ V. TIGHT FOLDS IN VEIN QTZ

313 / 19

~~22~~ D.P.

⑧ Ditto 467 graphitic

incg s due to qtz eyes/augers/rods

101 / 14N

rod plunge 036 / 6

cf o/c's of rusty qtz phylloschist  
of yesterday. ←

VEINING

DIOIDE

ALTERATION

BLEACHING.

PHYLLITE - SCHIST

QTZOSE

GRAPHITIC

⑨ Better cleavage s. 080/30 N.  
 Qty lenses more smeared  
 Less graphite, <sup>oxide</sup>  
 chlorite

⑩ s 080/25  
 Calcisilicate gneiss / schist Y-23  
 v. planar + good fabric + 10"  
 compositional banding in places.  
 Rusty, qty + carbonate lenses  
 smeared + banding.

⑪ Impure LSTS — STRONG SUGGESTION OF  
 ROOTLESS ISOCLINES.

s 121 / 39 N. DITTO 12.

031 / 38

(13)

as (9)

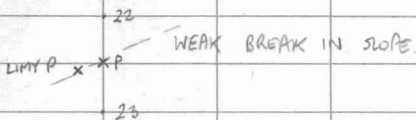
✓

# LUNCHEON à la rivière

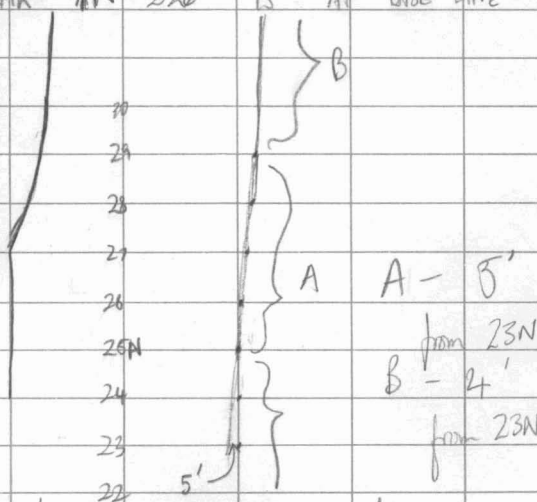
Walking 220W from 5N

16 + 40 Phyllite ? - may be garbage.

22 + 50 Phyllite



BREAK ATN 220 15 AT BASE LINE



at 34' - picket on line with 5-25N.

CROSS TO 224 W AT 26 N.

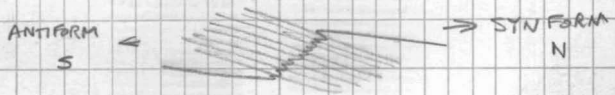
223 W / 26 N

GST of

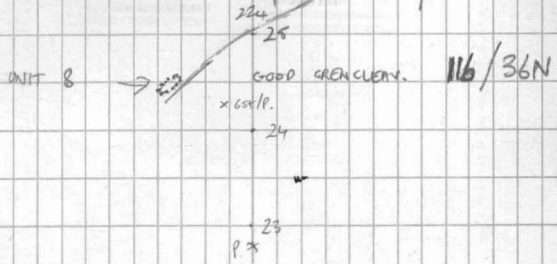
has, at NE end, a

flat lying pervasive s 107 / 24 N.  
+ steep aren. cleav. s 106 / 37 N

sx 106 / horiz.



At SE s pers 109 / 79 N



20 + 20 N / 223 + 50 W -

rusty central phyllite and  
limy phyllite / imp bot.

Imp bot: 224 + 15, 19 + 95 N

with wackies

224 + 20 / 19 + 20 N.

o/c (stumped?) of rusty, limy

phyllite with v. good mesolithons

PS 126/17N

18N - 18+50N P.

17+90N "

17+50N "

17N RUBBLE OF LIMY P & P LST.

15N P.

→ 13N

→ 10+80 P

→ 5N

CROSS TO 228 - PHYLLITE.

8+80N RUSTY PHYLLITE → 21+50

21+50N BASES OF GST BLUFF

25N - CROSS TO 232N PHYLLITE

23+60 P.

21+50 P 21+70 RUSTY P.

143/67 NE is the fabric of relatively massive g<sup>t</sup> at 232+70/18+30N.



232

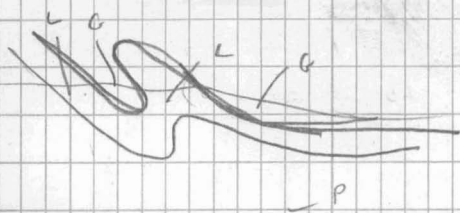
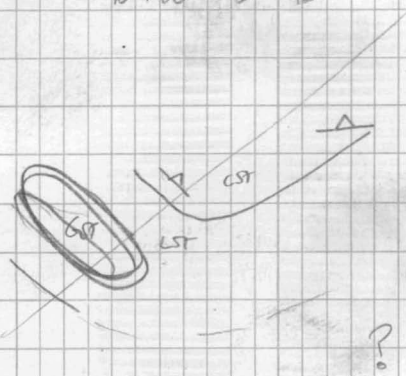
14+80

TO

16+50.

LIMEY P, P'c LIMEST.

16+50 → 18 P.



13+70

LIMEST.

→ P

12+20

RUSTY LIMEST. P

12+40

~~→ 12+30~~

P.L + L.P

11 ~~→ 10~~ → 2 → 9N

~~→ 11~~

9N -

P.

7+50

BLUFF OF RUSTY LIMEST. P.

7.N

P.

232

SLUMPED  
NEUTRAL UNIT  
PHYLL.

AS AT (A)

(A) o/c of rusty arenite phyllite  
(no graph grey)

S <sub>2</sub>	094	/	15N
cross.	064	/	8
	319	/	13
	345	/	15

7

PHYLLITE  
is Slumped

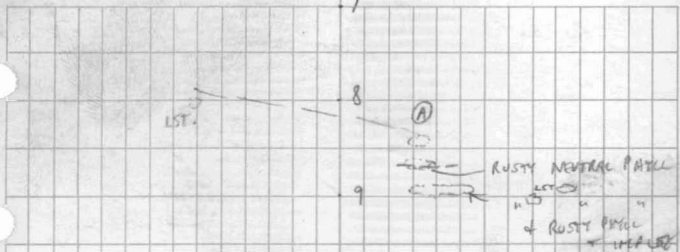
6

CROSS TO 236. PHYLL.

5+40N PHYLL.

7+50 → 8N  
LIMY RUSTY P.

8N LIMEST.



(A). IMPURE PHYLLITIC LST + LIMY PHYLLITE

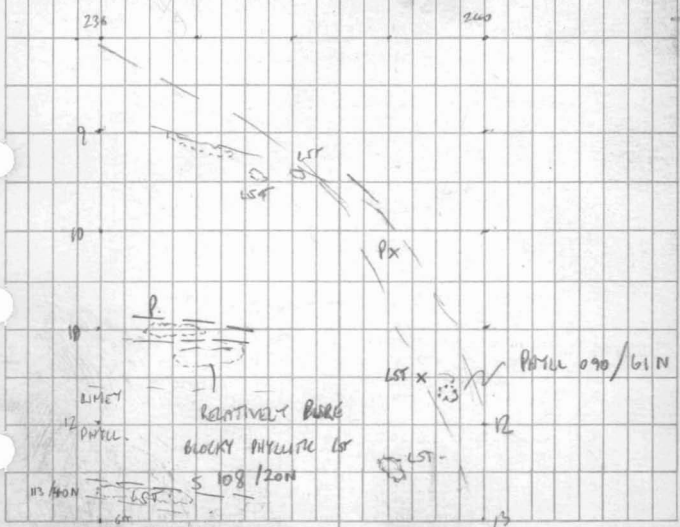
BEAUTIFUL BOUDIN PHOTO

cremulation / lithon cleavage

121 / 39 N.

OGC GRID 239W / 16S =

NGC GRID 236 + 80 W, 8 + 80 N



236 + 90W / 20 + 50N.

PHYLLITE + LITHONS.

S<sub>2</sub> 119 / 21N faint veins = 009 / 20

Sx 343 / 14 1 + 2 ?

235 + 10W / 21 + 20N

UNIT 8 + LITHONS V. PRETTY

S<sub>2</sub> 124 / 46

Y-24

22 + 50

P.

Po 24 + 50 + 25N

232W

25 + 40

P.

29N

P.

36N

P

O/Cs AT 38 / 39. RUSTY NEUTRAL LIMIT PHYLL WITH

STRONG CARBONATE RODDING DUE TO BOUP + FOLD OF ORANGE

CARB VEINS RODDING 058 / 23 / S 148 / 23NE

Y-25.

PHYLLITE

Sx 294 / 5 = 155 / 14E

O/C P at 39 + 60N 40W

x P at 40 + 90, 41 + 50, 42

x relatively massive intermediate gpt 43 + 90<sup>232+10</sup>

45 + 50 of gpt. 7. fld 147 / 23S

5 JULY — DRAFT (37)

6 JULY

Cloudy, not overcast, might rain.

LITHOLOGIES.

P Pillows

A Agglomerates

V Vesicular volcanics

T Banded tuff, lapilli tuff

S Banded clastics - silt/clay

C " " - sand -

~~E Intermediate porphyritic volcanics.~~

9. Basic greenstone

8 Intermediate greenstone

7 Rusty, limy, ventral phyllite

6 Impure ls

5 Limy phyllite

4 Phyllite

3 Orange vein carbonate.



Y-27 - dark green - vesicular.  
py, <sup>SOFT</sup> eyes. vesicles are  
weathering effect - solution of eye  
material - zeolite? gypsum?  
rock weakly foliated

- ⑤ schistose A.
- ⑥ Y-28.

Dark green, vesicular weathering  
pyritic, orange carbonate random veins,  
massive to poorly foliated.

- ⑦ SIMILAR ROCK BUT LIGHTER GREEN.  
ASSOC WITH ORANGE CARB.

⑧ schistose angular agglomerate

POST. 236+40W / 78+20N TIED  
IN TO 80N TIE LINE

~~Post No 2, Claim No Y62890~~

the LOCALITY ① BLUFF seems to be A/V  
contact.

✓ ⑨ Schistose agg underlying  
foliated dark green volcanics  
s. 129 / 21 s.

⑩ Foliated dark gts.  
s. 105 / 16 s.

⑪ sch A  
134 / 18 s

⑫ sch A — v. little matrix —  
apparently 100% frags — giving  
high porosity. — one boulder not  
representative.  
s. 011 / 17 W

lost

#2 ~~10931~~

#1 10934

~~10932~~

~~10933~~

⑬ Boulders + shingles of  
v. schistose agg A. + banded T

⑭ " " " " " "  
008 / 7 W.

(15)

Beautifully deformed pillows  
in big blocks.

(39)

✓

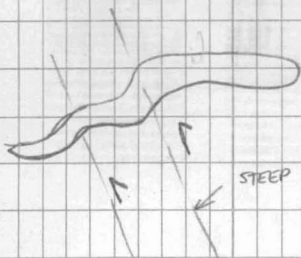
100' ABOVE BB LINE

V. DEF PILLOWS

(16)

INTENSELY SMEARED AGGLOTTIS

with good ripple lamination



AGG 'PEBBLE'  
LOOKING W

STEEP N. DIPPING  
KINK PLANE.

$$s = 017/16$$

KINK PLANE 075 / 87 N

072 / 82 N

Folded carb veins

mm  
m



z

✓  
①7

Big lesao of ~~beautifully~~  
~~staff~~ or carb in beautiful  
def'd pillars.

①8

Massive flow V.

s 101/19N

fine crens 275/2

lineation 019/13

①9

Kink sx 061/22

crens 126/4

s 136/21N

Intensely smeared limy agg.

—  
overlain at top of ~~cliff~~ cliff  
by or def'd pillars.

②0

sch A

s. 178/17E

crens 308 13

? elongation on s plane of frag  $\nabla$   $\nabla$

063/16

of sx will

074/53N.

KINKS PLANE.

(21)

(40)

✓

Probably once pillared.

Rootless isochines in vein of S.

S. 041/4 N

joint lincation, looks confertional

019/1

1/2 creso 295/3



(22)

Beautiful squeezed fulbora

S 138/20 N

(23)

Po ✓

Ptilas elongata

033 / 21.

Beautiful chilled margins

radial amygdalae. + amygdale zoning.

(24)

Po

S 156/9E

rodding 053/16. ✓

~~POST # CLAIM NO 20823~~

✓ (25) v. SQUEEZED p? - Amygdales ✓  
s - 142/18 NE

(26) P<sub>0</sub>  
s 170 / 14 E  
cross 111 / N ■  
lin 044 / 12.

(27) Y-30  
'Massive' gpt.  
s. 052/33 S

F<sub>4</sub> WARP.

(28) P<sub>0</sub>. probably pillowed.

(29) s 137 / 16 S. ✓

(30) Bedded siltstone  
S<sub>0</sub> 014/35 E  
s<sub>1</sub> 137/30 S.

Y-31 SX 167/18

(4)

✓

(31)

Pillars

s. 127/9 s.

(32)

Bedded tufts green.

s. 082/20.5

s x s. 108/18.

(33)

Agg sch.

s. 070/17 s

~  
~

JULY 7.

(42)

✓

Muggy Mosay still Going to Storm  
Bullshit a.m.

① v. sch A.

s 052 / 9 W.

con 299 / 11

② 200W + 15 / 88 + 25N

pale green schistose gpt  
enriched inclusions - trill or  
intermediate volc.

large qty auger. Y-32.  
slumped a/c.

③ 199 W / 88 - 41M A. sch.

④ 199 + 20 / 88 + 50. sch A

171 / 4E. m

FRAGMENTS NOT OBVIOUS - may be  
fine in vesicular matrix.

⑤ 197W / 89 + 20N  
beautiful pillows + pillows breccia  
interf. face. - dark matrix light  
frags + pillows, vesicular margins.

min. Lincation 051 / 5  
5 000 / 2 E

⑥ Pillows.

⑦ Relatively massive, pale green,  
vesicular

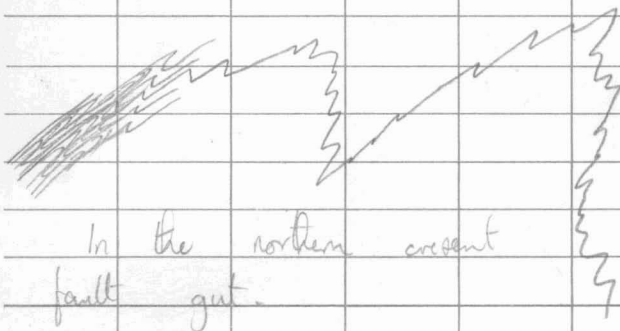
5 032 / 5 E

⑧ limy ratshit greenstone  
132 / 22 N

⑨ Almost massive cherty &  
limy mic.

⑩ PHOTO NEEDED

OF CLOSE  $F_3$  &  $S_3$   
Folding  $F_2$  crenulation cleavage



(43)

u

✓

(A)

s/c chlorite phyllite  
with lithium structure.

S<sub>2</sub>

091 / 47N

v gentle warps (AF<sub>3</sub>) <sup>330</sup> 150 / 49

(B)

s/c dark green schistose  
got

~~095~~ s. 115 / 49 N

screen underlying is phyllitic

(C)

dark sch got with S  
s 105 / 32N

look like yesterday def'd  
pillars.

at 198 + 50 W / 57 + 50 N

u

u

July 8. Saturday. ✓

Sunny, minor cloud, probably rain.  
Feel like shit

North slope of 172 col.  
— flanked on either side by  
large o/c vales. Between which  
are rusty neutral float  
with a. matt, rough textured  
graphitic phyllite

cf SW of tit <sup>mm</sup>  
+ saddle of yesterday's  
lunch.

Rusty neutral has agglomeratic  
look to it

Y-35 <sup>mm</sup> graphitic slate/phyll  
with possible early fabric.

① Y-36. Med-grained intermediate  
intrusive P Shamy appearance  
Massive - meta'c min'y - veined qtz

✓ S - 042/58 E

in relatively schistose 'band'

Immediately south (20') phyllite  
float in runoff bed.

② good phyllite with  $S_2$  lithon cleavage

$S_2$  169 / 23E.

AF<sub>4</sub> crens 109 / 20.

AF<sub>3</sub> " 158 / 1

$S_1, X S_2$  015 / 6

low in graphite.

O/C NO.	UNIT.	$S_2$	AF <sub>2</sub>	AF <sub>3</sub>	AF <sub>4</sub>
③	4				
④	89				
⑤	8	115/48 N	<sup>SX</sup> 304/17	026/50?	304/17?
⑥	— Y —	37			

Massive banded felsic hard  
material - white/cream

⑦ - exceptionally contorted ratchit gnt.  
unit 7 of 8

dark green + rusty 'gnt' foliated +  
phyllite.

⑧ Do ⑥

(45)

opposite bank of gully looks like ✓  
phyllite suggest a fault. Thick  
vein qty in bottom of gully.

Y-38 of Y-37  
Y-39 - dark angular piece of d.

POST. #1 KD 25 S. 1500 L.  
#1 KD 23 S. 1500 R. } R. DURFORD  
#2 KD 24 } 2-9-71.  
#2 KD 26 }

REMARKS AND OTHER

as ② - rubble.

as ① - massive, shaly, veined med-coarse g'd  
s<sub>1</sub> ~ horizontal. s<sub>4</sub> FRACT? 120/8IN. - Q26/50?

⑨ Phyllite chertic got unit

s<sub>2</sub> 111 / 70 N  
s<sub>1</sub> 100 / 37 N  
s<sub>1</sub> x s<sub>2</sub> 302 / 14

✓ (10) Contorted calc silicates.

AF<sub>5</sub> 062 / 56 in S<sub>2</sub>



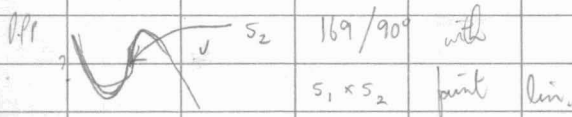
S<sub>5</sub> 005 / 70.E



S<sub>2</sub> 145 / 56E

(11) Banded S → 7

AF<sub>3</sub> 171 / 39



169 / 3

S<sub>3</sub> 147 / 62.E

(12) Chloritic limy phyllite

S<sub>3</sub> 150 / 78.E

S<sub>3</sub> x S<sub>2</sub> 165 / 39

(13)

3 o/c

over 4  
7-8  
over 4 } 53? 141 / 58 E  
140 / 58

perasive 53 ?  
fine cress 144 / 8 F4 ?

(14)

wrap S2 112 / 54 N.

AF4 cress 321 / 36. (14)

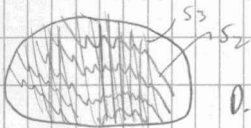
AF3 wrap 351 / 53

F3 D.P.  
V. MINOR

S1 x S2 313 / 31 (133)

S3 163 / 69 E.

(15)



S2 DOM

131 / 60 EN

S1 x S2 316 / 4

S3 171 / 84 / W

S3 x S2 347 / 30.

A ←

D.P.

← 20 → → 5

LMY PHYLLITE

(16)

1 >> >>

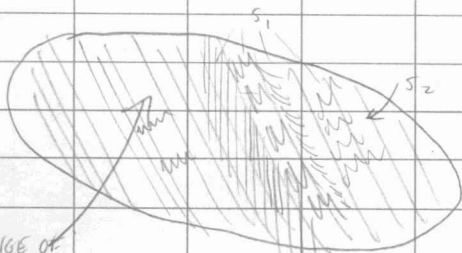
TENSIONAL QTZ FILLED JTS 072 / 515.

✓ (17)

LITHOM STRUCTURE VERY MARKED,

WIDELY SPACED +  $F_2$  folds

in long horizons can be traced



TINGE OF GREEN.

overall probably  $F_2$  M

$S_2$  144 / 89 E

$S_1 \times S_2$  328 / 22

$F_4$  cross 138 / 6.

$F_5$  kmk 074 / 56.

(18)

Living phyllite

$S_3$  001 / 71W

$F_3$  343 / 30.

(19)

Pretty fine massive unit 9.  
Y-40.

(20)

Unit 8.

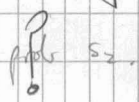
$S_3$  181 / 85W.

$F_3$  341 / 22.

21

Unit 9

S? 127 / 74 N



22

Unit 8.

S<sub>2</sub> 104 / 26 N

S<sub>3</sub> 176 / 70 W

F<sub>3</sub> 162 / 24.

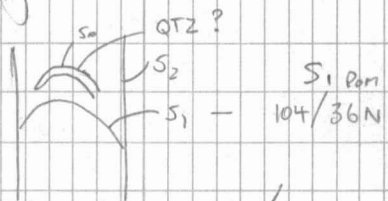
23

Unit 4

v. heavily vined with qtz

24

v. odd - bent cleavages looking like refraction - slate grade possible site for F<sub>1</sub> folds in vein qtz - OBSERVED.



F<sub>1</sub> (S<sub>0</sub> x S<sub>1</sub>) 106 / 8

F<sub>2</sub> (S<sub>1</sub> x S<sub>2</sub>) 170 / 22

S<sub>2</sub> 157 / 75 N

} F<sub>3</sub> effect.

✓ 25

Do 24.

slate grade

$S_2$  much better

$F_4$  cross 149/5.

much less  $q_2$ .

26

$F_3$  342/35

limy phyll.

$S_3$  ~ 162/90

$S_2$  109/52N

27

LIMY 4.

V. Beant folded cross cleav.

$S_3$  164/78 E

$F_3$  ( $S_2 \times S_3$ ) 350/36.

WE HAVE AN  $F_3$

CLEAVAGE FAN.

on

$S_2$

140/60 NE

$S_1 \times S_2$

↳

125/21.





28

Limey 4

S<sub>2</sub> 159 / 72 E.

F<sub>3</sub> 342 / 42

29

S<sub>3</sub> 151 / 86 E

F<sub>3</sub> ~~151/86~~ = 332 / 46.

Limey 4.

30

F<sub>3</sub> W S<sub>2</sub> 145 / 63 E.

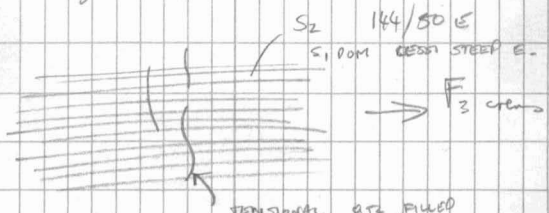
S<sub>1</sub> x S<sub>2</sub> 142 / 8.

S<sub>3</sub> 176 / 89 E

S<sub>1</sub> x S<sub>2</sub> F<sub>3</sub> 357 / 11

31

Tensional fractures def'd by F<sub>3</sub>



TENSIONAL RTZ PINCHED FRACTS.

LIMEY 4.

mm



32 ✓

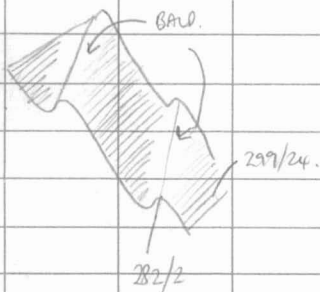
299/24

Fg? crens.

282/2

minor warps

crens look just warps  
in that :



green rhyolite rock

33

S<sub>3</sub> 172/67 W

F<sub>3</sub> S<sub>2</sub> x S<sub>3</sub> 336/40

34

Schistose gots - lami tuffs?

124/12 N.

35

to perhaps vesicular, darker green. note V.

097/14 N.

POSTS

No 2 TAF 21

27-9-71 T. SMITH

AND COMPLETELY WASHED OUT. (TAF 22)

No 1 KD 9.

N 1600', 1500 R. 10-7-71 G. JILSON.

No 1 KD 5?

1600 L.

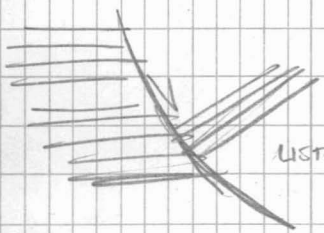
(36)

~~X~~ MASSIVE AGG.

some felsic <sup>FRAGS.</sup> variety. or  
skarny rhyolite.

005/48W

✓



USTRAL?

POST				
	No 1	TAF 22	N. 1500 K.	
		SEPT 26	/71	
		1.5 MW4		
	No 1	TAF 21		
	No 2	TAF 19.		P RISBY
	No 2	TAF 20		

POST	No 1	TAF 20	N 1500 R	85/9/71	ALSBY
	No 1	TAF 19			

(37)	UNIT 9			✓
(38)	" "		MASSIVE	✓
(39)				✓
(40)	UNIT 8	ON UNIT 9		
	(	5 072/22 N	VARIABLE	
	Y-41			✓
	VARIABLE 5	due to border		
	rough round	?		
(41)	Massive 9	overlying		
	white felsic?	cleared material		
	085/9N			✓
	- surface // to	v. smeared banding?		

(42) Massive flinty q  
some felsic? ✓

(43) Phyllitic gneiss fairly massive  
Cross on folds  
AF<sub>4</sub>? 123 / 3 102 / 50m S<sub>2</sub>?

Looking W ~~W~~

strong but irregular lit  
055 / 41 ✓

F<sub>2</sub> STYLE.

(44) LIMY k

F<sub>3</sub> 336 / 35 ✓

S<sub>3</sub> 160 / 77E

(45) Banded gneiss  
green + white to "



LITHON STRUCT.

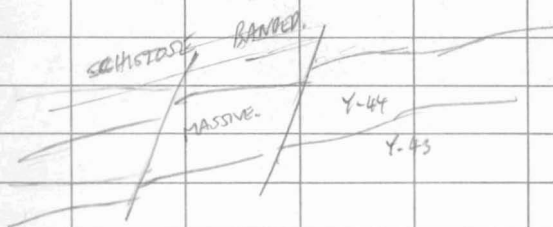
JUST DOWN RIDGE

FROM BUT WITH MASSIVE q. ✓

(46)

Pod of massive<sup>(9)</sup> in  
banded felsic (8)

v. sch + altered at pod  
margin

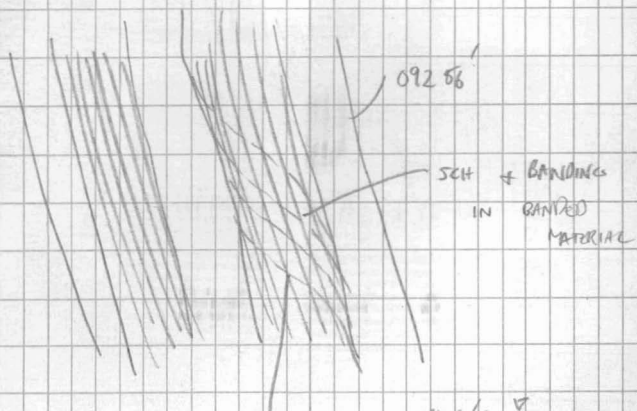


S<sub>0</sub> X S<sub>1</sub>      270/24  
S ✓              136/345

(51)

HOLY CRIST - A DYKE SWARM

(47). DYKE CONTACT 092/56 N

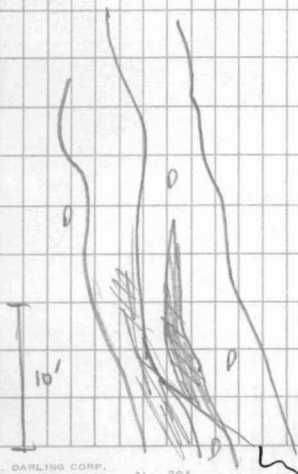


SECOND S. 0915/28

5 x BANDING 280/3.

REF'D BUT NOT VERY

DYKES RAPIDLY BOUND  
ELSEWHERE IN O/C



48

✓

9

5 WEAK

103/63N

7 JULY 9

(52)

✓

Greg skillfully kills all enthusiasm  
for the day.

Beautiful day however, sun, scattered  
cloud or may have the odd shower

①. Mixture

slaty vitreous looking dark  
gray rock (as yesterday in  
stream gut) - Also none  
graphitic phyllite. Some green white  
banded liltan structure rock.

F<sub>3</sub> 000 / 33

S<sub>2</sub> 151 / 60.E

F<sub>4</sub> 339 / 15

strong lineation 072 / 60

could be S<sub>2</sub> x S<sub>1</sub>, but v.

unlikely - like a compositional  
banding E<sub>bc</sub> where definitely  
a circulation.

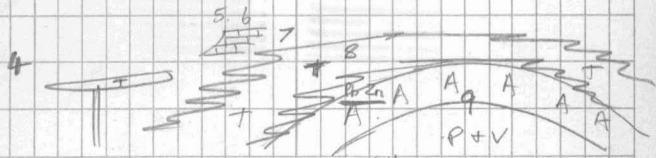
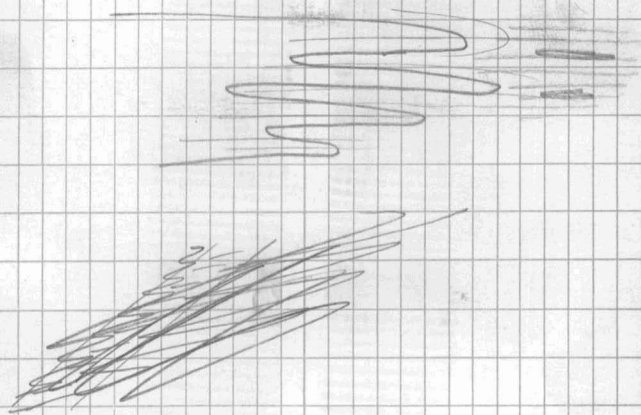
O&C GRID 161W / 63N 15 m  
the east tip of this ofc.

	② ✓		
MINOR FOLDS	F <sub>3</sub>	005	/ 50
	F <sub>4</sub> cren	325	/ 45
	S <sub>2</sub>	090	/ 44 N
MINOR FOLDS + CRENS	F <sub>3</sub>	062	/ 30

	③	Glossy phyllite - dark grey chloritic phyllite - pale green. some massive pale green Volcs Heavily qtz veined	
		S <sub>2</sub> (variable)	095 / 46 N
		S <sub>3</sub>	145 / 78 E
MINOR CENTRE- OPEN		F <sub>3</sub>	345 / 36
CRENS		F <sub>4</sub>	304 / 4
MINOR CENTRE CRENS		F <sub>3</sub>	070 / 33

	④	Unit 8	
		S	124 / 25N

	⑤	Banded green + white overlyg 4 lining slump overlyg 4 rusty	
--	---	---	--

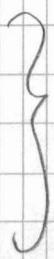


6

slumped?

4.

	S <sub>3</sub>	014 / 60E
minor gentle	F <sub>3</sub>	038 / 34
cross	F <sub>4</sub>	005 / 25
cross	F <sub>5</sub>	088 / 23
S <sub>2</sub>	132	/ 27 N <sub>1</sub>



NO  
BUT NO  
ROOM.

⑦	✓	Lining	4	
		S <sub>2</sub>	109	26 N
		<del>cross</del>	↓	
		minor open	F <sub>3</sub>	020 28
		cross	F <sub>4</sub>	295 4
		cross	F <sub>5</sub>	074 19.

⑧ ✓ 4 overlying pod of 7-8  
 Pod is whitish + margin  
 have black remains cap.  
 Y-45.

		then lining	4	
		S <sub>2</sub>	112	449 N

⑨	✓	Rusty	4	same line
		S <sub>3</sub>	029	70E
		S <sub>2</sub> × S <sub>3</sub>	021	22.

This whole outcrop area  
 smacks of F<sub>3</sub>M

⑩ ✓ 4.

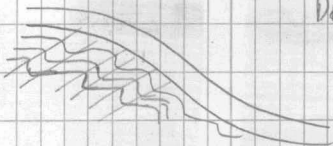
54

✓

$F_4$  &  $S_4$

Y-46

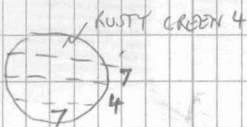
D.P.



$S_4$  169 / 11 W  
 $F_4$  293 / 10.

on  $S_2$  097 / 31 W

⑪



Y-47

bedded

PHYLLONITE. ✓

⑫

UNIT 8.

GOOD  $S_2$   $\frac{1}{4}$ " SPACED. ✓

$S_2$  133 / 43 N

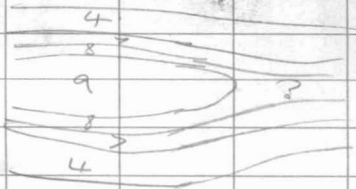
$S_1 \times S_2$  321 / 18.

⑬

UNIT 8

$S_2$  113 / 62 N ✓

✓



PODS OF 9.

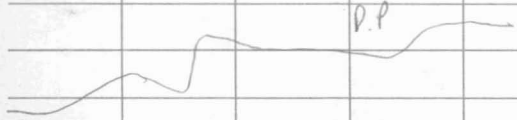
(14)

4 some lime.

S<sub>3</sub> 010 56 E

F<sub>3</sub> 019 34

D.P



overlying phyllitic green  
 limy rock. Silicate is  
 rel. massive & calcareous

in turn overlies a 7-8-9 sequence.

(15) ✓ Banded tuff (55) of Y-43 of yesterday.

This 'ere blob 'o' mine is a big bro' of dat liddle' un yesterday.  
S<sub>2</sub> III/43N

POST ONE WASHED OUT  
T'OTHER MX? 1? 3? 6  
N??E? LEFT?

POST

#1 TAF 43 E 1500 L 25/9/71 J. EISEL

TAF 44 E 1600 R

#2 TAF 42

TAF 41

(16) LIMESTONE # 8  
S<sub>2</sub> 094 / 31 N ✓  
F<sub>4</sub> Green 300 / 7

(17) 8  
F<sub>5</sub> WARP 049 / 13 ✓  
F<sub>2</sub> (S<sub>1</sub> x S<sub>2</sub>) 313 / 30

POST

No 1	TAF	41	L	E	26/9/71	J. ETSEL
	TAF	42	R			
No 2	TAF	39			"	C. McLEOD
		~40				

(18) ✓ 9 bordered to north by b.

(19) ✓ 8. banded  
s 124 / 15N.

(20) ✓ 6. Y-48  
s<sub>2</sub> 131 / 32N

(21) ✓ Calc-silicate (amph)  
gneiss / schist.  
s 112 / 51N  
LIN. 057 / 45

(22) ✓ P<sub>0</sub>. Y-49.  
? s<sub>4</sub> 092 22N.  
s<sub>2</sub> 125 47  
s<sub>x</sub> 316 HORIZ

(23)

Coarse Hyll + QTZ VEINT.

(56)

S<sub>2</sub>

118 / 46 N

✓

cross F<sub>4</sub>

105 / 5

cross F<sub>5</sub>

062 / 40

*am*

*m*

MAY 8 800

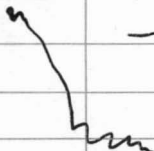
JUNE 8 800

JULY 8 800

AUGUST 8 800

SEPT. 8 800

3200



~~Handwritten scribbles and illegible text.~~



July 10

(57)

✓  
~

Weather ditto  
Must try and laugh.

① 227 + 70 W / 78 + 50 N.

P44T

V. schistose. A in bluff.

dipping ~ 30° into hill.

② 80 + 30 N / 225 + 40 W

P40T

A flat

③ Massiv V - very weak, poor variable s.

s - 142/30

Following fault of dark grey green  
slaty grade, red massive bedded rock.

④ Pale green meta T ?

s. 159/55

s<sub>4</sub>? 135 / 24s. irreg fract clear.

s<sub>x</sub> 781/0

√(5) Park green bedded (green)

$s_0$  175/69 E

$s_1$  125/23 S

$s_x$  164/15

(6)

$D_0$

$s_0$  006/43 E

$s_1 \times s_0$  005/HORIZ

$s_1$  005/3W



?  $F_1$  cross 128/36

?  $F_2$

(7)

$s_0$  027/26 E

$s_0 \times s_1$  191/6

$s_1$  166/21W

(8)

V (P?)

$s$  089/12N

(9)

Ref'd pillows with lime

$s$  009/5E

(10) sch Wacken A. <sup>(58)</sup>

S 044/75

✓

(11) sch V.

S 162/18 W

(12) More schistose & interned congl.

pale green chlorite.  
095/205

(13) sch V.

075/75

↖ above.

(14) Float of bedded material - ~~apparently~~

with scale graded bedding

(15) large boulder pale green volcs.

good sch.

(16) hits

(17) Boulders of dark green vesicular

S V or possibly SP

(18) ditto (14)

~

✓ (19)

sericitic quartzose och / phyll.

— unit 7?

o/c of bedded brown  
metasilt?

S<sub>1</sub> 061 / 34 S

S<sub>0</sub>? 000 / 46 E

S<sub>x</sub> 130 / 36



(20)

big blocks of coarsely bedded  
rubish - green + weird curved  
voids - sigmoidal tension cracks?

(21)

LITTY Agg.

S. 130 / 85

P<sub>4</sub> units 300 5

JULY 11 DRAFT.

July 12

(59)

Sunny, cottonwoolly + breezy.

① Foliated fine gr'd meta V.  
s 078 / 155

② Apparently flat lying contact between  
A & V.

③ sV - s 106 / 155

④ Light coloured - neutral - schistose  
crumpled - meta T or acid dy.

⑤ Schistose above with limy rubbish  
s 030 / 6 E. ~~rubbish~~  
- some lime is orange vein carb.  
other may be earlier vein carb  
caught up in F<sub>1</sub>?

⑥ Pale green vesicular V. (may be T)  
s 121 / 265

50' E of ⑥ boulder of F<sub>5</sub> kinked  
Agg good opening



⑦ Block matrix A over line  
by block v.

⑧  $5V$   
5 121/215

⑨ Boulder  
1 - very coarse agg.  
v up to 2' frags  
2 - fine agg. ~ frags  
or  $\frac{1}{2}$ "

⑩ Chloritic schist. float.  
float of siliceous meta sed  
with "rootless fold" shape in  
gray band (v. fine gr.?) -  
sample has py relatively coarse.

⑪ Much shaly (dk gray, matt)  
float.

⑫ Some bedded float, mostly  
chloritic pale green gnt

(60)

(13) <sup>float</sup> Bedded - sch I<sup>ar</sup> to bedding-section  
high in nearby o/c's.

(14) Well sch med green rocks

(15) SA  
S 105 / 115.

July 13.

(61)

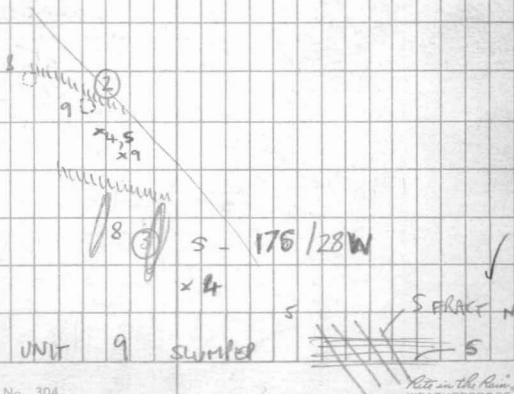
✓

Also weather if not even better - slight breeze + cool, not shots cloud still

Walking	228	south	from	65N.
62+50	4			
61+50	4			

①  
O.PHOT. Vein qty.  
Burrings nearly unearth  
unit 4. (dominantly)

② Massive - unit 7 ✓  
on ESC/SE TRENCHING BLUFF  
50' W of ② on this bluff  
is almost o/c of unit 8.



④ UNIT 9 SWIMPER

228 / ~~44~~ + 50

Where the faults supposed to be.

45 + 50 / 228 - 228 + 50 x 4

43N x 4, 5

41 + 30 x 8

40 + 30 x 4

38 - 39 x 4

37 + 30 x 7

33 - 34 x 4

32N 227 + 20 x 4

28 x 4

24 + 50 x 4

19 + 30 x 5

⑤ PHOTO 1 (10)

- Rootless F<sub>2</sub> nodules, intra folial

in S<sub>2</sub>, in vein gty in

UNIT 4 - coarse, gty - veined,

phyllite.

(limy).

4a above

4b usually graphitic 4

4c " non-graphitic 4

?

?

o

✓

S<sub>2</sub> 148/15 NE  
F<sub>2</sub> M?

(6)

Brittle folds  
096/26

D.P. apl pitches 16 N in profile.



S<sub>2</sub> is far more  
permissive than  
in (3)

Rock is 4

but less qtz + much limon  
No vein qtz.

(V) to two of Paves comments:-

- a) S<sub>1</sub> better in schists than phyllites
- b) F<sub>5</sub> asso with NW faults

CONTRAST S<sub>2</sub> DIP ON EITHER  
SIDE OF GULLY.

(7)

Ditto 5.

Big. bluff with all sorts  
of rootless structures in  
vein of a border etc.

$S_1 \times S_2$  120 / 11  
 $S_2$  000 / 12E.

(8)

Ditto 5

$S_2$  099 / 15 N

$S_{FRACT}$  109 / 47 N

$S_7 \times S_2$  103 / 4

?  
0  $S_4$ ?

$F_4$

(9)

$4a$

$S_2$  042 / 7 S

lin -  $F_4$  com? 105 / 7

(10)

$4 \rightarrow 4a$

PHOTO 2.  $F_5$  KINKS (11) DOWN PLUNGE. (NE)

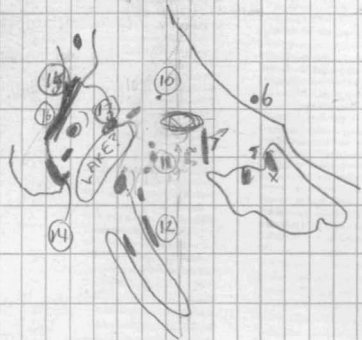
$F_5$  064 2.

app.  $S_5$  063 49 SE



Doubts about location

✓



⑪ 4a limy  
 S<sub>2</sub> 174 / 7E

⑫ to ⑪  
 F<sub>5</sub> 078 / 16  
 S<sub>2</sub> 134 / 15N D.P.

~~←~~ ~~→~~ ~~↖~~ ~~↗~~ LEFT LAT ? RIGHT LATERAL

⑬ Do F<sub>4</sub> cross 274 / 8  
 S<sub>2</sub> 016 / 10 W

(14)

D<sub>0</sub>

S<sub>2</sub>

115

10N

(15)

D<sub>0</sub>

094

24N

(16)

extreme smearing of  
rootless qty washes



(17)

V. limy H

(18)

lb lb

S<sub>2</sub> 0b1/15 N

hooking across at  
16/15

?

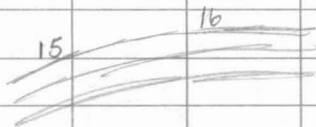
⚡

⚡

⚡

15

16



AS 19.

440  
400

~~6400000~~

4750

4800

(18) (64)

- 4 o/c.

(19). Rhyolite - phyllite -

good  $S_2$  d.  
of (18): No L.  
Phyll not dk grey  
No lithons or gfy soles  
Rusty.

~~$S_2$  flat (variable)~~

$\sim$  09a/11N

cross 347 / 12 —  $F_3$  ?

whole o/c

$\downarrow$   $F_3$  arch  
READING

(20) Coarser?  
Almost a rusty sericite schist

Y-53

Quite a bit of gfy as  
lenses  $\rightarrow$  rootless folds

Still quite distinct from (18)  
however.

$S_2$  079 / 23N

rodding 017 / 11

(21)

P<sub>0</sub> B.

Boudin'd qtz + rootless  
folds

S<sub>2</sub> 067 / 23N

(22)

P<sub>0</sub>

S<sub>2</sub> 086 / 41N

F<sub>5</sub> CRENS 067 / 24

185 GRUELLING PACES TO 240N/SN

= 185

35? 50?

= 550'

(22) is at

~ 239 + 50W / 0 + 50S

PHOTO #3 (12)



F<sub>2</sub> BOUDIN IN LST WITH INTRA

FOLIAL F<sub>2</sub> IN NW CORNER

(show possibility of over F<sub>2</sub>

Type 3 interference, )

AT 241W/8N

#4 (13) Edge of megacryst

#5 (14) bounded by S<sub>2</sub>

Walking

24:1N

(65)  
from

Baseline

27+70

Burrows of 4.

July 15

"

(66)

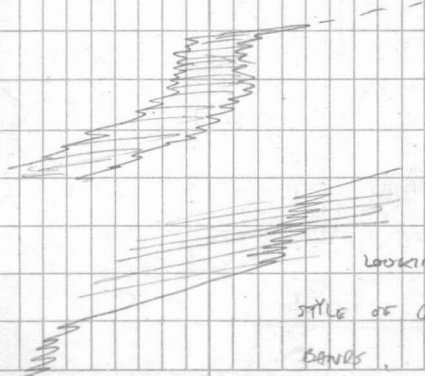
Squally overcast day in the kitchen drafting. Out at 3:45 p.m. to check out the hill

① limy chloritic schist - probably v. sheared conglomerate. qtz eyes, pods etc of coarse calcite o/c probable chert.

② Massive to poorly foliated greenstone S 172/20E 9 or V.

Really 9.

v. similar to top of the rock. complete with carbonate band showing possible micritic transposition.



LOOKING E.

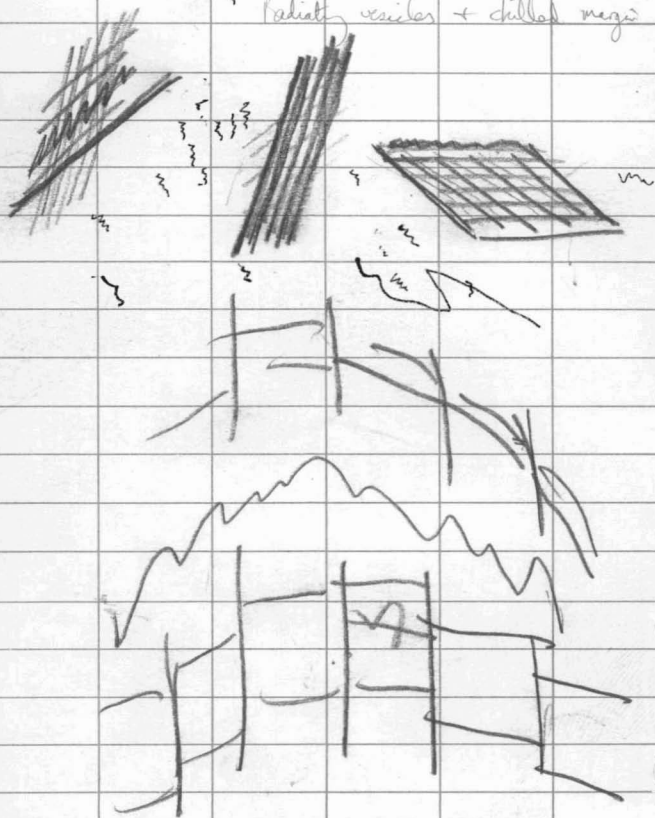
STYLE OF CARBONATE BANDS.

③ Vesicular light brown-green foliated gpts.  
— mottled A-look but no frags.

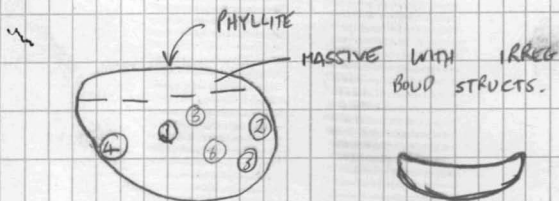
PHOTO #9 (18) Yellow in egg - pale green  
#10 (19) in dk matrix

both v vesicular

~ radiating vesicles + chilled matrix



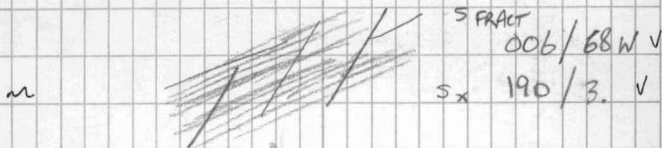
CAMP o/c. July 18. (67)



① s. 019 / 30W ✓

F<sub>3</sub> cross 347 / 17 ✓

possibility of F<sub>3</sub> gentle warp  
between ① + ②.



Rock is pale green with  
smeared black fanning. Schistose.

③ Minor warps round lining pods  
# 155 / 1

④ s - 065 / 35 N ✓



③ 161 / 21 W ✓

⑥ F<sub>2</sub> 141 / 3 ✓

S<sub>2</sub> 140 / 68 NE.

1/11  
1/10  
1/9  
1/8

u



July 20

(68)

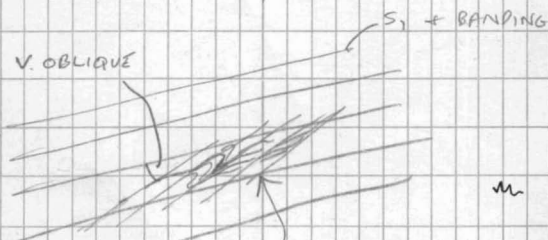
cloudy, night rain.

① Phyllite (blocky) overlying gnt.  
 coarse foliated + intermediate

S<sub>2</sub>? 105/30 ✓  
 F<sub>4</sub> crens 317/17. ✓

gnt overlying rocks + green banded  
 rocks with then grey banded  
 S<sub>1</sub> + S<sub>2</sub>

S<sub>1</sub> 111/32 ✓  
 S<sub>2</sub> 130/46 ✓



~~material~~ only in v. fine layered material + S<sub>1</sub>

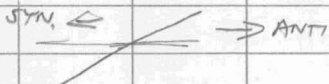
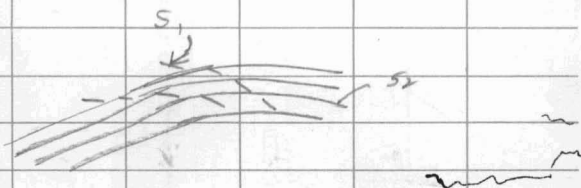
warp + s plane intersect ~~352~~ 352/25

$S_1 \times S_2$  319/2.

?  $S_0 \times S_1$  108 / ~~BR12~~

faint colour banding on  $S_1$ , does  
not appear to be  $S_1 \times S_2$

IN TURN OVER LYING. PHYLLITE WITH  
GOOD FOLDED LITHON CLEAVAGE



good  $F_3$  folds 352/22

√ (2)

Unit 6

$S_2$  100/49 N

$F_5$  065/47

n. minor  
gentle warps.

a plane normal to

⑧

Unit 5.

(69)

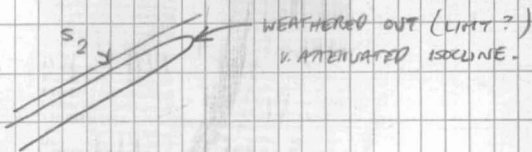
V. minor rodding  
152 / 43 E

✓

Ⓐ

Unit 2.

pink - green greiss. Y-53



F<sub>2</sub> 312 / 6

} ?  
D.P.

Also good lithon structure  
in some areas.

✓

Ⓑ

Unit 5

S<sub>2</sub> 132 / 51 E

F<sub>5</sub> 068 / 43

a. pl v. steep north.

Ⓒ

Unit 5 - 6.

Y-54 dandist S<sub>2</sub> 121 / 53 N



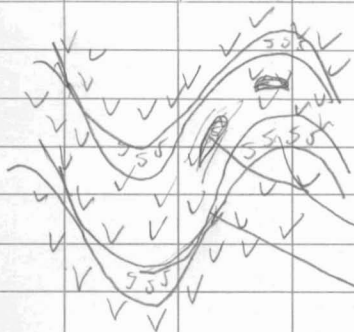
Ⓓ

Unit 3

S<sub>2</sub> 139 / 43 S

18  
14

PROTECTION OF S & T  
IN GROUP I }

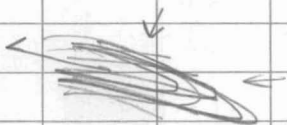


BIG BUCKLES  
IN V.

"PROTECTED"

ANNIHILATED.

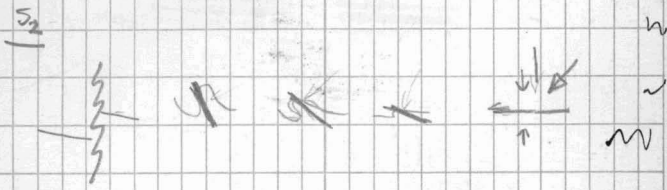
		<del>X</del>	FLUKE	<del>X</del>	
GROUP I	S <sub>2</sub>	<del>//</del>	S <sub>1</sub>	<del>X</del>	S <sub>0</sub>
GROUP II	S <sub>2</sub>	<del>X</del>	S <sub>1</sub>	//	S <sub>0</sub>
GROUP III	S <sub>2</sub>	//	S <sub>1</sub>	<del>//</del>	S <sub>0</sub>



21 ABORT

July 23 Overcast, will rain/snow.

- Photo - # 11 (2) - CLOSE UP FOLDED S<sub>2</sub> CROWN CLEAR
- # 12 (3) - S<sub>3</sub> CROWN CLEAR.
- # 13 (4) - FOLDED S<sub>2</sub> o/c
- 14 (5)
- 15 (6)
- 16 (7)
- 17 (8) - S<sub>4</sub>, F<sub>4</sub>, S<sub>2</sub>, S<sub>1</sub>, UNIT 6.  
(CPEL F<sub>4</sub>)



F<sub>3</sub> + F<sub>5</sub> - CONJUGATE FOLD SET?

① Unit 8. (verging on 9). DOME FOL - S<sub>2</sub>  
 Fracture surface 138 / 56 S

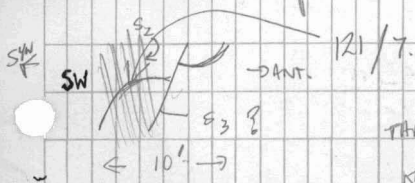



PHOTO # 18 / (9)  
 LIMY STRINGERS OF  
 THAT DRAWN FOR TIT  
 KNOBSBLE UNIT V.

PHOTO #1020 (10+11) PROFILE & PLAN OF F<sub>2</sub> RODDING IN LIMY PHYLLITE

(2) UNIT 6. F<sub>3</sub> 322/30 S<sub>3</sub> 322/90  
 S<sub>2</sub> DOM 118/46N S<sub>1</sub> LESS STEEP N S<sub>1</sub> X S<sub>2</sub> 112/8. SPEC WITH F<sub>2</sub>

CRNS folding F<sub>3</sub> CRNS.

(3) PHOTO 21 (12) S<sub>0</sub>, S<sub>1</sub>, S<sub>2</sub>, S<sub>3</sub> F<sub>3</sub> UNIT 8 9/6 CONTACT.

(3) UNITS 8/6 F<sub>3</sub> 335/27 S<sub>3</sub> 

(4) 4-7 S<sub>1</sub> 093/37N S<sub>2</sub> 105/48N F<sub>2</sub> IN LIMB. S<sub>X</sub> 293/13

(5) PHOTO 22 (13) - F<sub>2</sub> FOLDS MERGING TO <sup>NESTED</sup> LITHON CLEAVAGE UNIT 7/8

(6) PHOTO 23 (14) BOUND OF UNIT 9 (DYKE) IN UNIT 8 (TUFF)

S<sub>0</sub> 023/38.

(7) #24 (15) DYKES OF 9V IN 8T.

(8) #25 (16) GABBRO/TUFF CONTACT. LOOK S AT FLAT LIMB OF F<sub>3</sub>

(9) UNIT 8.

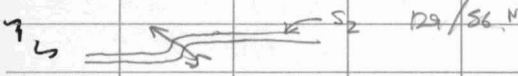
S<sub>1</sub>? 161/38 E BOUND WRAP.

(10) UNIT 6. S<sub>2</sub>? 110/46

F<sub>2</sub> BOUND WRAP. 047/44

(11) UNIT 6. 147

F<sub>3</sub> 327/S<sub>2</sub>



(12) UNITS. S<sub>2</sub> 99/52 N

F<sub>4</sub> lin 098/5

F<sub>3</sub> lin 320/26

(71)



(13) UNIT 6

LITHON S<sub>2</sub>

094 / 59N

(14) UNIT 6

F<sub>3</sub>

011 / 55

APL

PITCHES

SO E IN PROF

4

m

r

z

July 24

(72)

Overcast, will rain / hail / snow / sleet.

① PHOTO # 26 (17) 232 W / 38 N  
F<sub>2</sub> ROOPIING → BOUNDARIES OF  
CALCITE VEIN

① Bi - Plag - Qtz PORPHYRY DIKE  
Y-56  
FROM ST SET TRENDS 027/64 E  
MAY // CONTACT

② Ms - Bi - schist Y-57  
qtz veinid, rusty  
s<sub>2</sub> 105 / 20 N.  
? F<sub>3</sub> cross 330 / 16

③ Photo ① Y-58.

④ Calc silicate gneiss? Y-59  
s<sub>2</sub> 124 / 25 N

Tring o/c.

⑤ Photo ④

⑥ Gneiss somewhat different from ④/⑤  
Y-60

⑦ Pitts 6.

S<sub>2</sub> 109/15

F<sub>3</sub>? 339/horiz.

⑧ contorted (F<sub>3</sub>?) calc-silicate/marble  
banded rocks

⑨ Y-61 - assorted granitic rocks -  
aplite, gneiss, coarse gneiss peg.  
bounded to NE (20') by fine  
gneiss

⑩ Y-62 H<sub>6</sub> - plag - porph. / dyke  
(1 Post NO REMAINING WRITING.

STE OBS 7465 APPEARS TO BE TRUSS OF  
RESISTANCE WITH O/C.

⑪ ANVIL BATHOLITH Y-63.

a) S<sub>2</sub> 114/33N.

distinctly foliated + kinked

b) S<sub>2</sub> 095/26N

F<sub>3</sub> in 334/23.

in line?

PHOTO # 27 (18) F<sub>3</sub>? kink in foliated gnd.

c)  $S_2$  106/32N (73)

$F_3$  Lin 344/30

$S_5$  053/90.

a) b)



DISTINCTLY ?

STRONGLY ?

?  $S_3$  166/66.E fracture cleavage/jtting

(12) G-D.

Bot-rip

$S_2$  094/48N.

Cross 313/41

$F_3/4$  ?

(12) PP

$S_2$  121/43N

(13) G-D

closely spaced fracs

060/64N.

$S_2$  169/15E

still v. prominent but not very  
measurable

(14)

$D_0$

$S_2$  037/22 W // banding.

Banding is qtz / p / m. = white +  
either in less qtz or host. (also  
mo rich.

(15) Dyke of HPP  
contact strikes 080:  
as at (10)

(16) SPEC Y-64  
HPP BIG HENOS. MED. G. MATRIX.

(17) MS G.D.  
S<sub>2</sub> 065 / 10 N WEST

(18) P<sub>0</sub> banding + S<sub>2</sub>  
164 / 30 W

(19) P<sub>0</sub> banding + S<sub>2</sub>  
046 / 11 NW

(20) Photo # (28) (19)

S<sub>2</sub> IN G-D.

S<sub>2</sub> 123 / 16 N

F<sub>3</sub> LIN 340 / 9

(74)

ORIG OR GNEISS?

(21) Foliated aplite Y-65.  
s. 050/19N (IN STR.?)

CONTACT

(22) Pitto 076/22N  
F<sub>3</sub> warp 335/22

(23) Fol G.D.  
s 106/19N  
F<sub>3</sub> lin 340/16

(24) Gneiss / calc. sil.  
050/14NW

(25) HPP INTERRUPTING GNEISS V. STEEP  
S<sub>1</sub> dip ⚡.  
140/64S.  
? F<sub>4</sub> 317/6

(26) D<sub>0</sub> F<sub>4</sub> 313/9  
s<sub>2</sub> 135/875  
(PITTO (21)).

(27)

Po 26

F<sub>4</sub>

1356

M. WARRIS

S<sub>2</sub> 10M

50°/60°

J.P.

(28)

schisto

S

139 / 695.

F<sub>4</sub> cen.

307 / 8.

(29)

Po.

Styrite bands

119 / 44N

SW

NE

S<sub>x</sub>

122/1

S<sub>4</sub>

146/16

ASSYM

SHARP

POSTS.

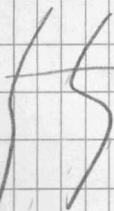
No 1	Tim 30	25	L	APRIL 23/69
	Tim 29	26	R	KEN McPHEE
2	Tim 28	23		
	27	Y30324		

TWO FELSINGER OF HPP + 011  
ROAD OF SCOTIST

## PHOTO # 29 (20)

F<sub>2</sub> SMEARS IN S<sub>2</sub> folded by S<sub>4</sub>

20



S<sub>4</sub> 097/4N

F<sub>4</sub> S<sub>2</sub> X S<sub>4</sub> 314/4.

31

V. qty red limby banded gneiss  
like the rest of this area.  
S<sub>2</sub> 132/435.

32

l. F<sub>4</sub> 317/7

I 2'

33

l<sub>0</sub>

S<sub>2</sub>

155 / 57 S.



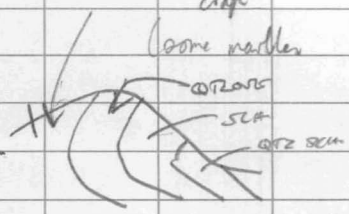
150 CLINAL  
refolded by  
F<sub>2</sub>  
F<sub>4</sub>

PHOTO # 30 (21)



34

v. living dark banded  
cap



35

HPP INTRUDING CALC SIL / MARB GNEISS

S. o/c

S<sub>2</sub> 140 / 52 N

36

QTZ RB.



S<sub>2</sub> 143 / 58 N

Y-66 ORBELTING CALC SIL / MARB.

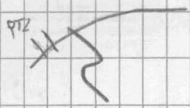
37 schub

182/62 N

32 one se / mms

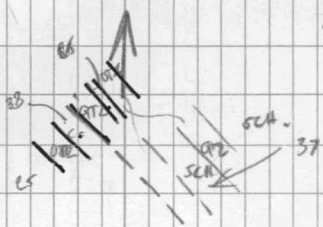
F4 316/22

} D.P.



F2 DURES.

w



*[Handwritten scribbles and illegible marks]*

26<sup>TH</sup> JULY 25<sup>TH</sup>?

(77)

A

SOCKED IN - LIGHT RAIN.

① / Basic gneiss Y-67

S<sub>2</sub> 126/20N

② / Qtz veined phyllite, rusty

S<sub>2</sub> 003 / 12E

F<sub>4</sub> cross 160/4

③ / D<sub>0</sub>

F<sub>8</sub> CONJUGATE KINK SET

069 / 20

kink planes pitch 35 W and  
54 E IN PROFILE.

S<sub>2</sub> 146/20N

Phyllite is not as limy as  
to the north - perhaps more like  
the rusty altered type on other  
side of stream.

④ / D<sub>0</sub> ✓

QTZ - O. CARB. VENINGS ETC

S<sub>2</sub> 162/10E

⑤ ✓ P<sub>3</sub> 074 / 5

S<sub>2</sub> 107 / 31

Outcrops on this side are  
phyllite but less phyllite  
than on north side  
- more gylxoe?

⑥ ✓ P<sub>0</sub> - blocky

S<sub>2</sub> 122 / 110N

⑦ ✓ J S<sub>2</sub> 173 / 20 E

DIFFERENT — AS IN GALT

TO NORTH

GREY MATT PHYLLITE, LIMY.

ABUNDANT QTZ ROLLS IN CONTORTED

BOUNDIN, ROOTLESS FOLDS ETC.

If this is ④ and ②-⑤  
are ⑤.

⑧ ✓ A<sub>0</sub> ① Y-18

basic gneiss

141 / 9 NE.

(9) ✓ Banded chloritic gneiss.

106/22N.

from rodding 029/11

(10) ✓ As (7)

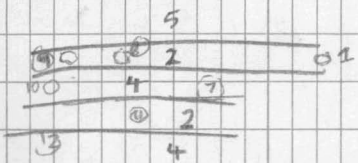
025/3E

faint cross 051/3.

(11) As 9 *skipped*

(12) ✓ As (7)

094/34N



(13) Unit (4)

167/12E.

(14) UNIT (2)

(15) UNIT 2

114/11

smear *lineation* 031/11

(16)

Unit 4 ?

As ~~48~~ (12)

v. lining  $\rightarrow$  Unit 1

084 / 35 N

(17)

UNIT 2.

080 / 9 N.

(18)

UNIT 5

130 / 11 N

F<sub>4</sub> cross 310 / 1

(19)

UNIT 2. s. 124 / 19

Unit 2 is blocky with  
v. planar s<sub>2</sub>.

Unit 5, 4 bands tend to  
make s<sub>2</sub> irregular.

(20)

Unit 4

126 / 18 N

kinds 050 / 14

(21)

4

115 / 28 N

F<sub>4</sub> lin 089 / 14

(22)

4

103/20N

Beautiful 1/2" lithon pores s<sub>2</sub>

(23)

Unit (2)

114 / 22 N

random act on s<sub>2</sub>

(24)

Unit 4 . 002/13E

(25)

UNIT 3 142/105

Chlontic phyll.

(26)

Massive dyac dk gray phyll.

of (5)

chlontic

(27)

Roading - rods stacked to give a wall 1' wide 3" high - 060/9.

as 25. 110/12

not lining enough for 4. ?

(28)

Do should be 4. - 4 gelty less lining 147/10

(29)

Chlontic phyllite, banded s 101/22

F<sub>4</sub>

284/1

Box pores.


Ripples

+ tensional fissures 023/19

Overlying dark lining crop - looks like a 2+4 hybrid => calcareate gress

(30) Ditto bottom of 29 - look like  
4 only darker with lime + silicate  
bands better segregated. - really  
interbanded marble + calc-sil - v.  
contorted banding + big qty lamination.

(31) Graphitic phyllite v. qtz cement, dark  
F<sub>4</sub> 308/10.

 D.P.

(32) D<sub>0</sub>  
S<sub>2</sub> 092/35N.

(33) slightly chloritic, limy 4.  
good planar S<sub>2</sub>  
106/18.

(34) 4  
108/24

(35) 2  
lim 054/18

(36) Calcisilicate/marble banded gneiss.  
v. light F<sub>2</sub> S<sub>2</sub> 091/28

(37)

4

F<sub>4</sub> 285 / 3

(38)

114 / 30 N

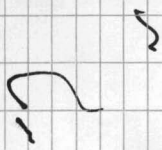
F<sub>2</sub> alkons.

chloritic phyllite not much lime

(39)

Laminar, approaching, banded calc. / marks.

130 / 27 N



(39)

126/42

(27)

lower grade than (38) ?  
V. fissile, limy ?

(40)

Po 38. grey ma-schist  
138 / 50 N

(41)

F<sub>4</sub> III / 16

