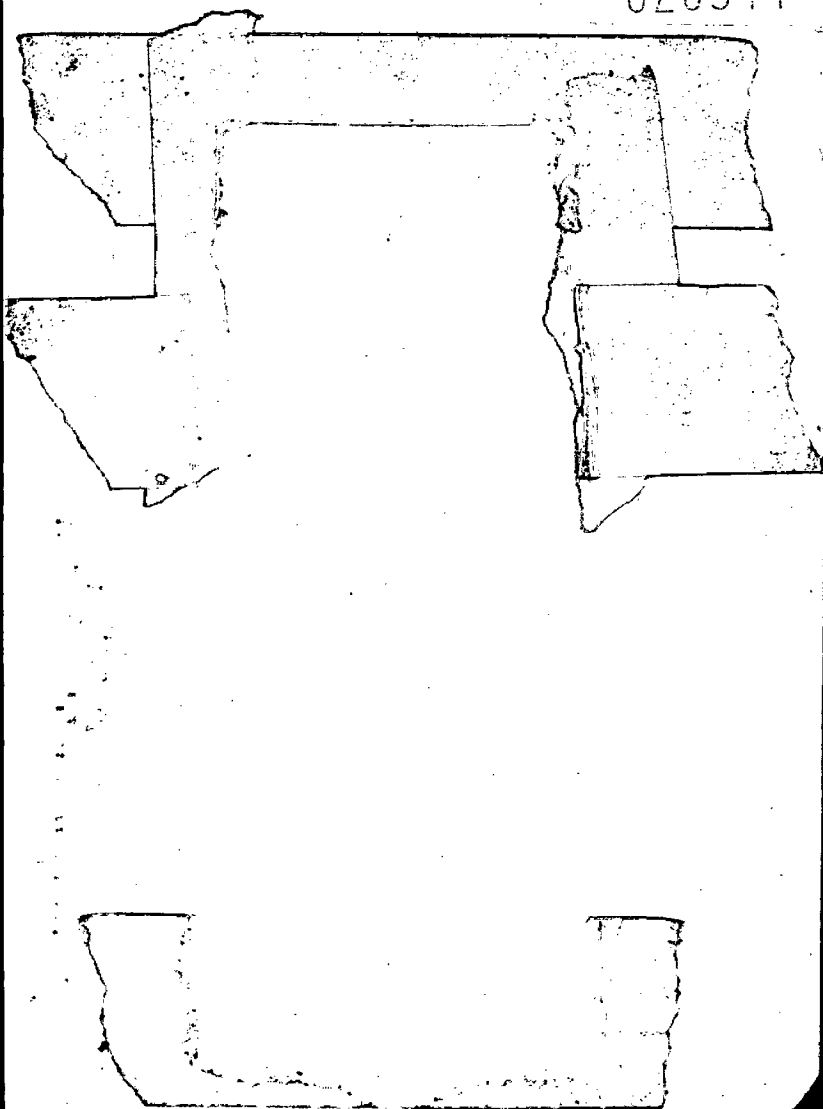


T.L. SADLER-BROWN

ATLAS EX 1966

020544



June 12th 1966

Fire Lake U.T.

Ash Group

Geophagus Annum. Sta 50 BL-65 BL

June 52' 15+00 E - 5+00 W EM

48' 0+00 - 17+00 E "

44' 4+00 E - 15+00 E "

40' 8+00 E - 17+00 E "

36' 7+00 E - 14+00 E "

June 35' 9 E - 11 E Mag Annum.

0+00 - 12 E EM annum.

June 17 (cont.)

Ash Group: Geol.

DN 39E: Lake shore. Posts Cl 1, Pl, Cl 2, Pl.
Trowers east. Steep hill up

etc
30+75E Just below crest of hill + 70's

Mica-quartz - h. bluish schist
black to mica-grey color.
some pinkish stain on gty.

Attitude 160° E 10°. Some Qty
veins + bands, also h bluish
bands ind with striae. Many
small (1" - 2") gty pods + lenses.

31E Crest, Gentle slope up to E

32+30-70 Gulley, Sch. boulders

Some pins etc in E bank
Crest at 32+80.

32+75 Slope up E.

39+00 Cir. Dark grey mica Sch.

46+06 AH. 80° E 5° - 1...

40+60 Anisole.

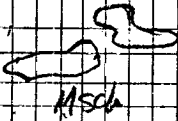
41+90 Steep slope up to E

42+15 Msch as above.

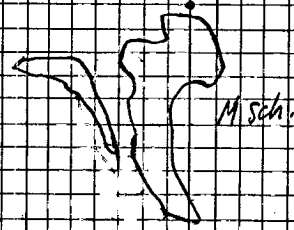
42+30 Top ridge. Gentle to E

45E end line.

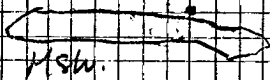
30-75 E



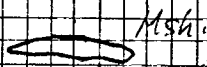
31



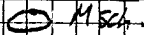
39



40



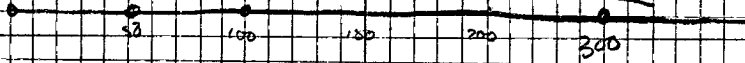
41



42

↓
E

48 E



50

100

150

200

300

June 4 N

48 E end line. Small otc schist.
Top of steep hill.

47+75 Upper end large otc area of flat
lying mica sh. Fractured in NS strike.

46+70 Steep 30' cliff striking NS. Gully at
base 40' wide.

42+70 Msch. Well laminated 135° $\pm 15^{\circ}$
thin (1/2") vein. Joint reddish stain
on sm surface.

41+60 As above. 4' cliff N strike
Gentle on top. EW vein

41 As above 134° SE 10

37+50 Steep slope down to SW

37 Bottom Gully NS strike
Otc Msch.

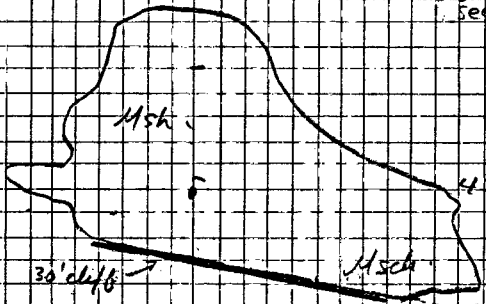
35 Msch.

Msh.

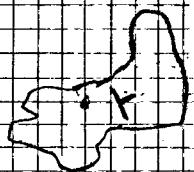
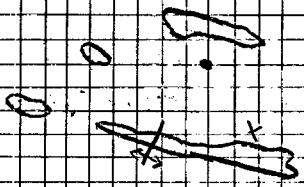
250' ✓

48 E

• 300
See prev. p.



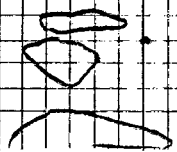
42 E



41



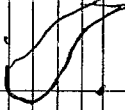
37



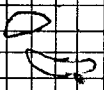
- 33 Many boulders of M. Sch.
 31 Slope down to W
 30 Bare steep slope
 27 (approx) Lake shore, possibly
 29-30 (") d line (?)
-

- 8N 24E Yaks.
 26-28+50 Boulder area. M. Sch.
 28 Boulder of brown weathered
 peridotite 200' south.
 28+50 L. Elevation bog in gully
 <29+30 strikes 350°
 29+30 Bare slope up to E.
 36+50 Otc. M. Sch. 2' cliff NS.
 Beds flat.
 37+50 M. Sch. Small Otc.
 40+40 Otc. M. Sch. Bare steep hill
 up to E
 41+50 Top slope.
 43 Picket mark 42.
 Bare slope.

Msch.



36

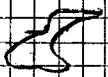


37

N 87



38



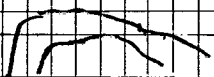
39



40



41



43+40

Otc on slope. M sch

46+00

M schint

47+00

"

48

end line

L 12E

44+80

M sch

43+50

" Top steep slope down to W.

43+00

" flat lying

42+50

Bottom slope

39

Otc sch

38

"

30+50

Top hill. Gully below

30+00

Base. Stream flows S.

Otc on W side gully

for at least 200' N + 75' S.

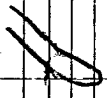
@ 346 ° T.

Flat bedded.

21 E

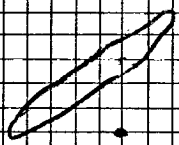
lake

400E



Med. 41

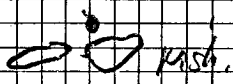
0



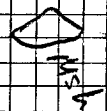
44



46



450



451

~~452~~

39

June 16 N

17 E (approx) Lake shore.

Boulder area

22+50 Large etc. mica schist on
line. Bottom small hill
up to E

24 Crest hill.

27+20 Crest hill down to E.

28+50 Stream in gully

28+70 Steep hill up to E

30+00 Top steep hill. Slope gentle
up to E.

28+00 Flat lying mica schist

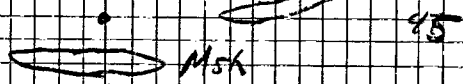
29 Msch. dipping 40° to S.

Pose boulders!

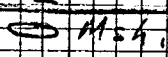
31+10 etc. Msch.

34+70 Mica schist.

L 12 N 03 ↓



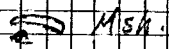
45



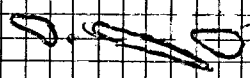
43



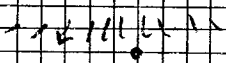
39



38



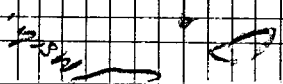
30



29

MSK
Dross etc.

82



L 16 ~~N~~

40. Mica sch. ledge.

40+80 " Note. Schist

horizons appear to form
nearly flat lying ledges
all way up with side.
Possible successive horizons
alternating.

41 M sch. flat.

41+20 " quartz, bands + pods.

43+40 Flat lying M sch.

46+20 M sch. dip 8° strike 170°

48 M sch. etc area
End line.

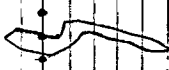
L 20 ~~N~~

48+00 M sch. well bedded
& nearly flat.

46 etc area M sch.

45 small etc M sch.

L 16 ~~N~~



23 E



28



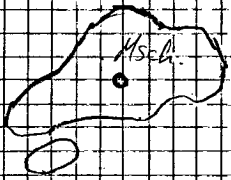
Msch.

29

Msch.



31

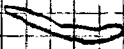


35



Msch.

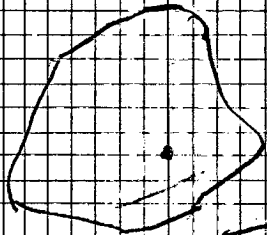
40



Msch.

41

41



44

20A

- 44 E otc area on sch.
- 43+25 small etc qty mica sch.
- 40+80 "
- 40+100 "
- 39+30 mica sch with many small qty pods.

32000 E gully elev. to W.
30 Bottom of gully
Stream S.

2980 Large etc. M sch.
Slope up to W.

27. Slope down - 15' Shutter NS app.

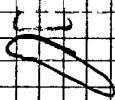
28 Mica sch. - very clean,
well bedded,
Outcrop area continues
toward west

In vicinity 24 E rock
becomes more calcareous
& contains more qty
boulders & veins.

~~120 N~~
16 N

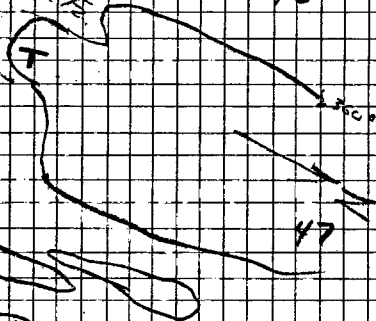


45 E

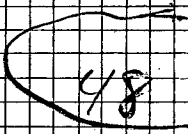
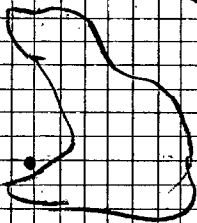


MSK

46



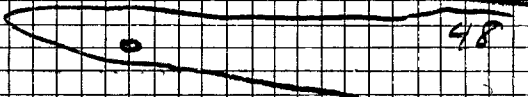
47



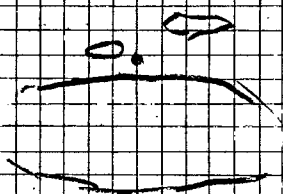
MSK



120 N



48

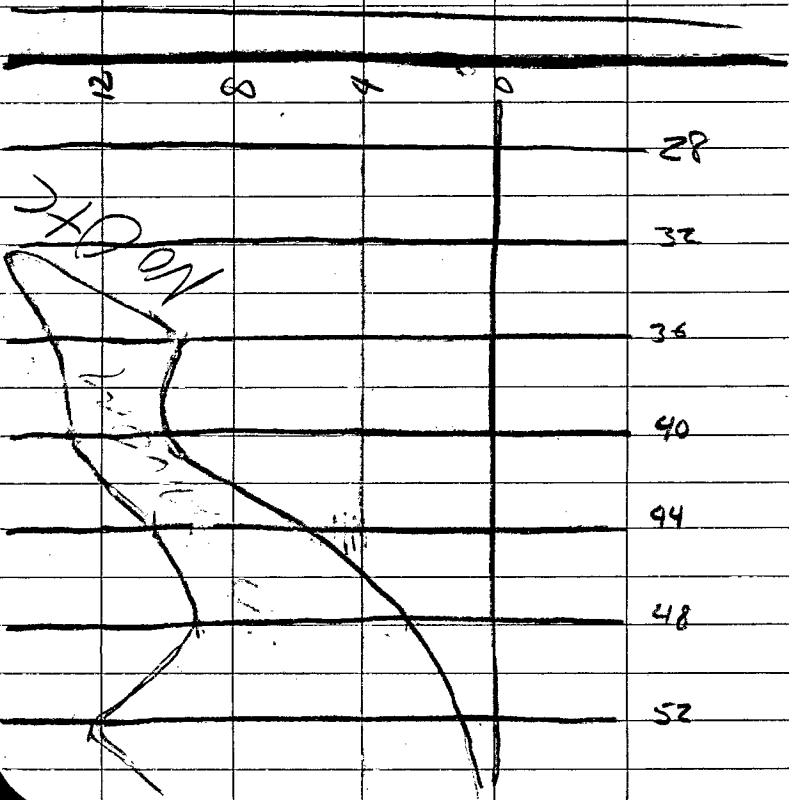


47

23 E Small yields + cumulat.
 Eins in 5th band.
 Gen strike 80°
 Schist strike 110° 20 58 23E

22+50 End etc area.

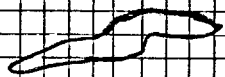
21 E ~~Small~~ etc 5' N of line
 strikes N for 60'.
 Well loc. notes at Sta 23.



220

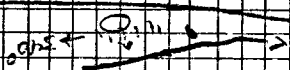


46

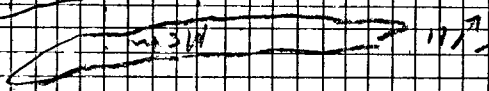


40

39



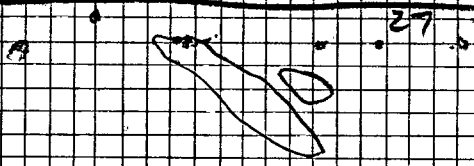
30



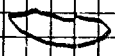
17.7

Msch.
rubella etc

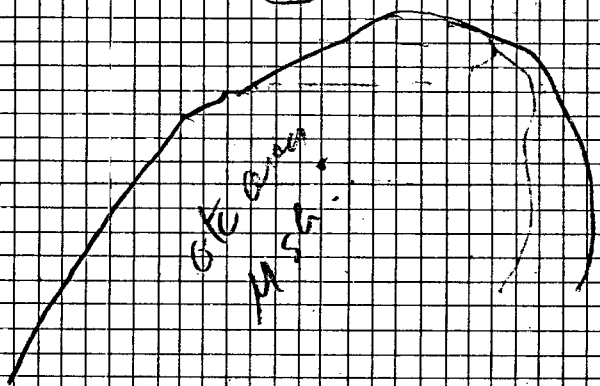
30+80



27



25



5

June 13th 1966

June 24N (East)

10+40 E Lake shore

Stony ground with boulders in
boulders.

30+10 E Otc 15' N of line. j'g
etc 120' N.

32 11

33 Slope down to E. Gully, Rubble
& etc. See 30+80, line 20 #1(E).

34 Stream - Gully bottom

34+10 Steep hill up to E.

Otc Msch 70'65 + 25-100' N

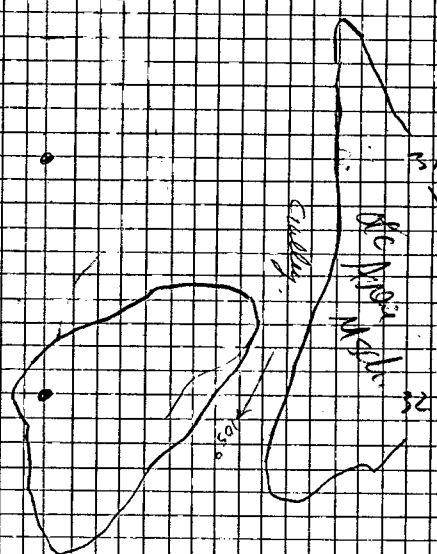
33+60 In gully. Large boulder of
altered ~~pyroxenite~~ ^{UB rock}. Apparently
contain steatite, serpentine,
pyroxenite. Cut by med. green
dykes about 4 to 6" across.

Steatite contain embedded mag-
netite crystals. Weather brownish.

Also present is weathered
brittle fibre asbestos.

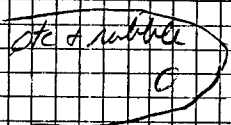
424 N
(East)

306

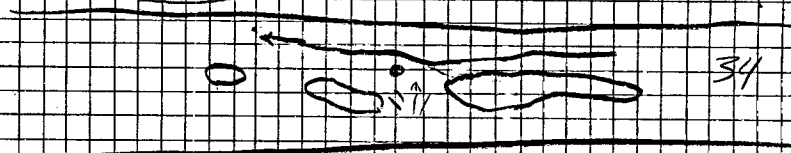


31

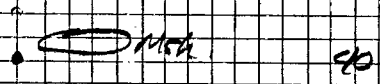
32



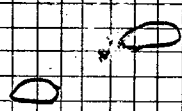
33



34



35



18

June 27

40 E to 41 E -

Intermittent etc of well lam.
mica schist.

42+80 E to 43+30 E etc area of
lam. Mica schist.

45+ end line. etc at
45+05.

June 28 N (east)

^{45 E} Steep hill down to W.

32 bottom hill in gully, at
stream.

32+30 slope up to W

28+20. Greatly dipping well
lam mica schist. with
quartz to rocks. Strike 150,
dip NE @ 10°.

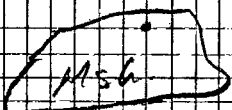
24 E should read 29

18 Boulder area.

16 Lake, fine cuts and penicillata.

June 24

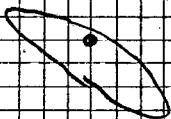
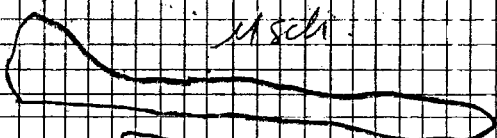
43 E



45

June 28N (east)

29



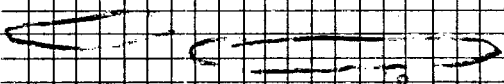
28



28
82

32 N (east)

53 E




54

June 32 N (east).

13 E Small mound point at
edge of line.

Handwritten note: Consider thin
ground to 76 E.

26 Small etc in ch. 10' N of line.
28 Msch on line.

32 repeated (?)
33 Msch OK.
34 " 
34+15 inch.

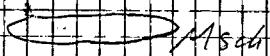
35 10' S. Juncus in S.
Stems in ground in

42+35 Juncus to Msch on line.

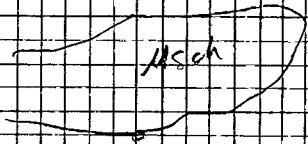
43 " and extends at slope N
for 75'.

15 inch.

436



34



245



19000



MSH

16



SilMSch



13

L 36

37E 400' schist horizon on top
hill down to gully W.

33 Base slope

32.95 stream

32+75 gentle slope up to W.

30 Base steep slope to gully

29 60 stream

29 top gentle slope up to W.

29.50 Otc Msch.

24+50 " " "

19+70 - 14' Msch

18 -1 steep slope down W

16+50 B¹² Boulder

16 20 slope up W Boulder hill

16+80 E 100' S of line
from Msch etc in gully.

15+30 top Rock pile hill.

13+60 bottom hill

13+40 ledge of rock-stuff at 04° T

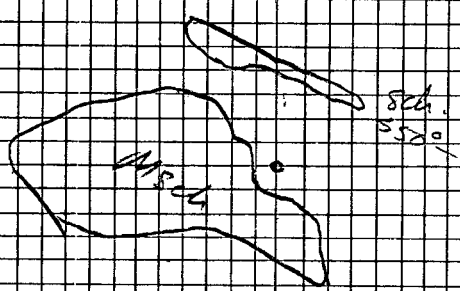
cut line

Rock: siliceous. Msch.

Wz parts, like present but

44

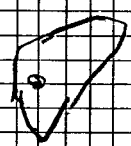
14E



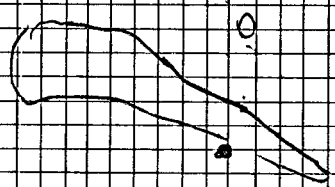
15

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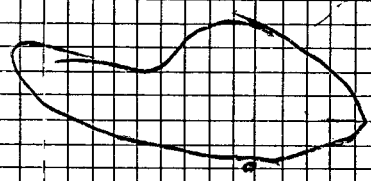
16



17



18



19

~~14~~

no Sulphur min. noted. Ridge
is 45' long + dips area under
boulder hill,

7E repeated.

4E lake.

June 40W (east)

4+75 E Lake.

6+20 E W end pond.

7+60 E (almost) E "

See ahead for. e. of line.

June 44.N (east)

0+50 E Lake

Jewel boulder covered ground to

7+85 Ridge 25' high. @ 350°

Pass etc on line.

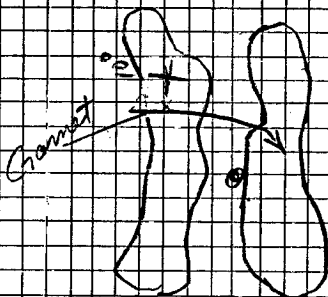
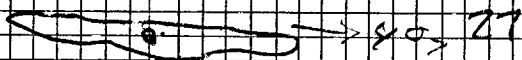
Large boulder plain

14+45 Mesa ledge striking 350°.

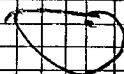
17-19 Large white boulder park-
ie. in way of flattened.
1 was seen in canyon.

MSH

26



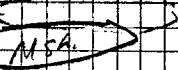
28



38



June 40N



MSH

45



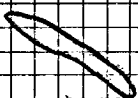
44



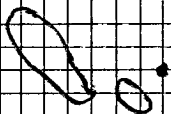
36



33



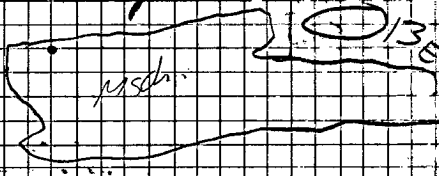
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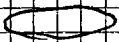
22

Line 48

Line 14



135

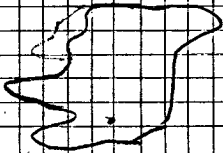


14

Handwritten notes, possibly including '11/11/11' and other illegible characters.



48



26

June 14 (E) June 14

0100 (approx) Pond. (center)

7:50 E Bank. Wp to E.

low marshy ground with
few boulders beneath.

13E Large, etc jointed & sil mica sch.

~~28~~ 29E Pass Msh etc.

25+50 E etc Msch.

31+30 Gully bottom

32+50

Otc. 90' N

35 Stream in shallow gully

36 Back Mtn. Creek flow S.

June 14 (E) Beckward (752N)
(traverse west)

0 Otc Msch.

1+50 pond to 12+20

13+50 Otc. on fire - Msch.

19+50 Bottom gully

20 75' S otc Msch.

34 Otc.

46 73-4

11 110

33

June 52 N

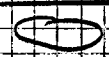
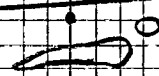


Misch

10



20



34

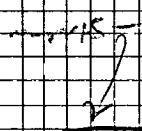
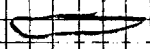
June 56 N

34E



Misch

35



36

MMMMM

L 56 N

34 pods etc area. M. schult.

35 small m. etc

36 stream

36 50 Bare Mtn.

37+15 etc M. schult. Nearby flat,
Qtz pods.

37+60 Small M. schult etc

L 58

37+50 Bare Mtn.

35 20 Stream flowing N

36 Pond near 100' S line.

L 64

2E East side river.

23+70 etc 50' S line M. schult.

24+10 "

32+10 Pond 120' S, 75' N

34 E side pond.

456

37E



0

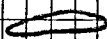
June 64



29E



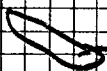
38



Mschint

468

24



Msch

0

30E

Mca. 5.11



17



16



0

L 64
3840 M Schind -

June 68

28 E Station flowing N.

2440 M Schi.

20 E Small etc M Schi.

17 E etc. to right of line. flat etc.

June 72 N

June 15th / 66

10 E Creek.

20450 E Prob etc 30' S of line M Schind

40 E Small etc 100' N. "

Jun 76

31 E Station N.

PI of 12 50' N

15180 Run.

June 72 N

June 15th/66

MC 21

21E

40

MSH

June 76

June 80

June 88

June 80

No otc seen

June 84

No otc seen

June 88 no otc seen

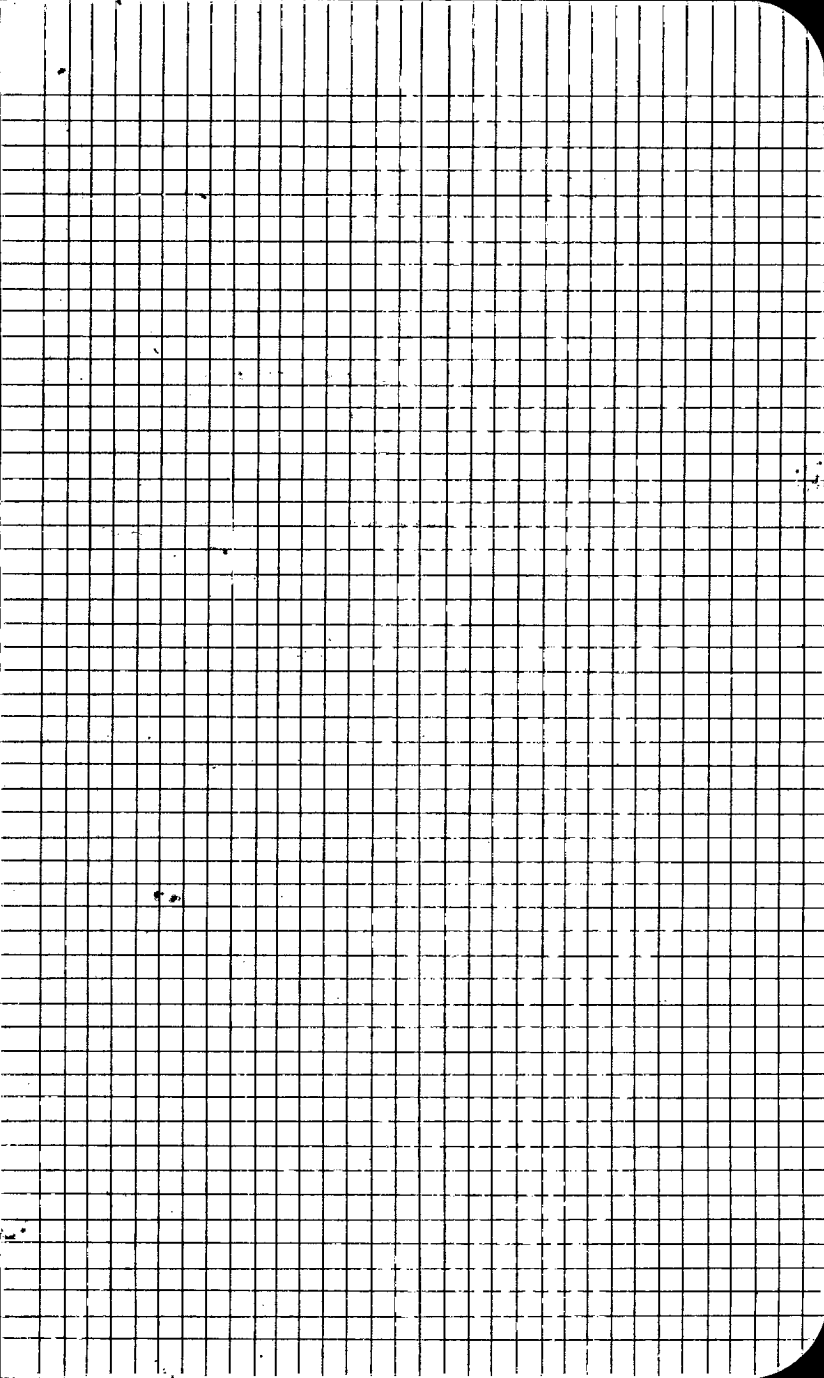
South Grid

June 1

Sat

June 12 4000E Otc ledge of M schist
@ 350° T. Almost flat

Micro schist shed. 60°
dip N @ 15°



June 20th

Traverse over Ant Grp.

about 1500' up stream
etc of sil grains + mschist
with metallic stain on joint
surfaces. Sample #1

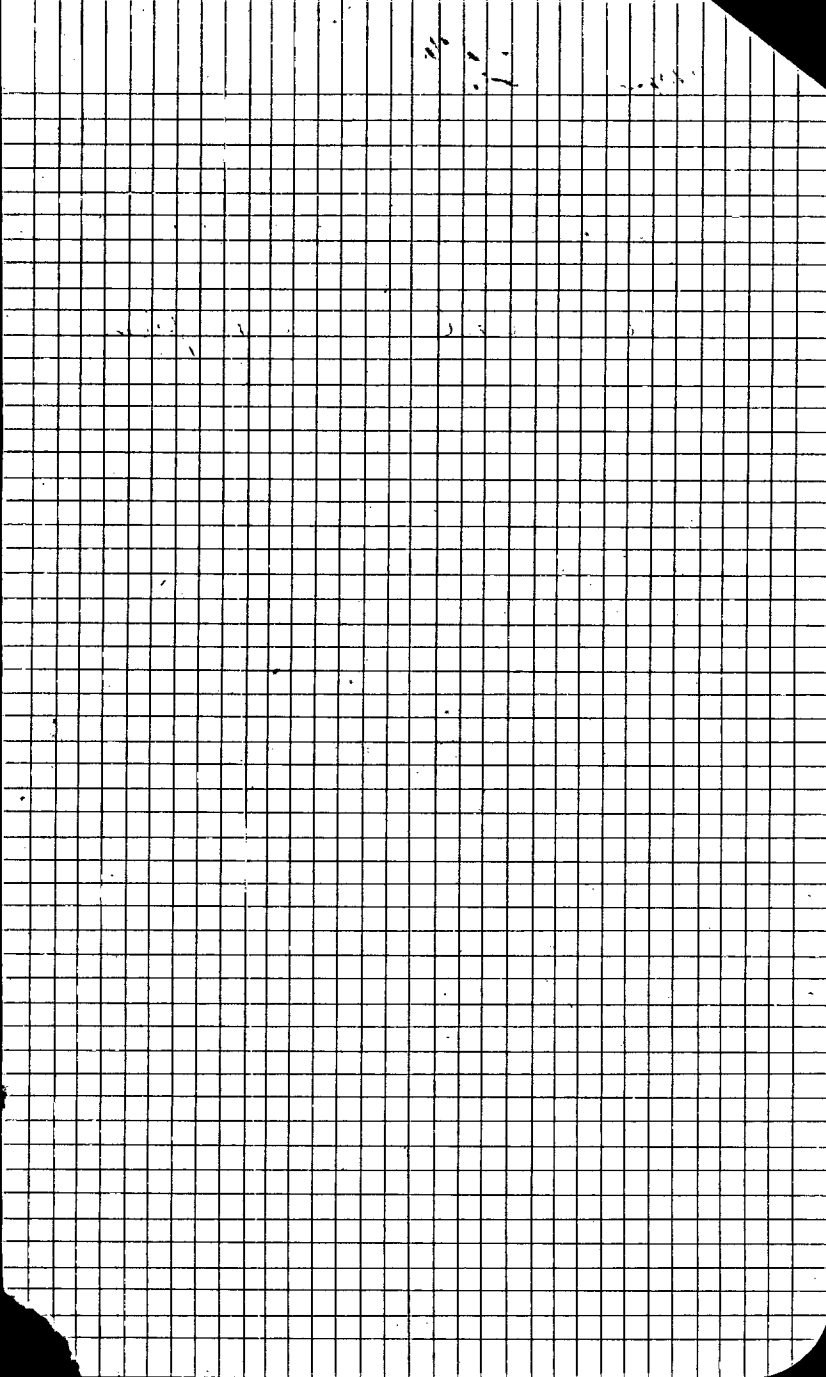
#2

200' up from above it etc
of mschist + gty vein on
layer. Strike 130° N 15°
dip strike @ 6° T.

etc also 1500' down from
start of major bend to right
in creek.

500' up from above is well
seen etc of ms. schist + grains
well down in section from above
etc. 200' above.

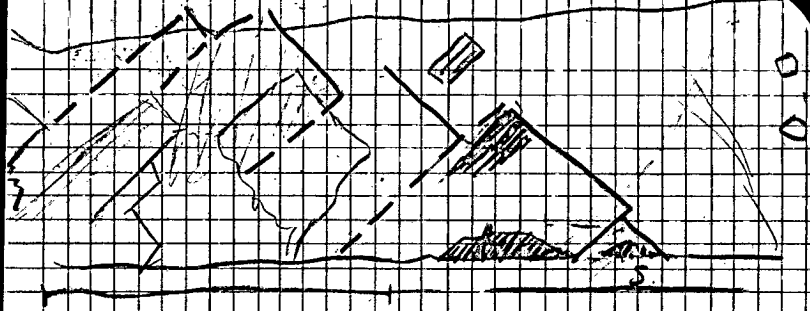
Area written up stream from
about 300'



June 26th Tan Group

Traverse from ^{near} top of south side
down to Camp at fork of Tan
Creek.

Took Sample # 1601 from
a showing on southwest shoulder of
Mountain South of ~~Foot~~ Tan Creek.



D.D.

June 27th Monday

Soil 2500' station T 25

T 25 Soil, coarse 1st 8" in w
on 1st fork Tan Creek

Soil, fine 4/30' above T 25

T 27 2400' station T 25 soil.

T 28 Right fork 2500'

T 29 " " "

T 33 2500 - 2600 - soil. attempt
on left bank
soil grey Gabbro (Amphibolite)

Five to six' gravel bed
cut in places by coarse gravel
material of same comp. Could
be large depth. No attitude obt.

In particular
note the coarse gravel
beds of quartz + k-feldspar
in gravel bed.

Soil traverse East from
Sta 240 on Right fork
Tan Creek.

Sample #	Stn.	
T 30	5 E	all on multicolored
31	7	mossy + breaks
32	9	slope dips to
33	11	west. Rocky on
34	13	
35	15	
36	17	Salty soil for most
37	19	part
38	21	
T 39	23	Showing 250' diameter due N. Cu Pk in Calcium vein
40	25	
T 41	27 E	Ridge area
42	29	Slope down to N
43	31	
44	33	rocky soil
	34	Outcrop no soil.
	35	" junction area Strike 35° SE 50° just "small" Cornudas from road at road junction.

T 45 at. Claim post, Pt 12 Tam 12 WP
 rocky soil - mica graph. schist.
 + phyllite.
 900' E of Cl. Post
 L.S. Strike 150° E 46
 grey or buff weather.
 could be dolomite.

T 46 Silt from N slope of Mtn.
 below dike area $\frac{1}{2}$ way between
 camp + left bend of Tam Creek.
 ground calcite.

T 47 Tam Creek at L.S. horizon

Tau creek at junction of
Firestone Creek. Start Geophysics
traverse - downstream.

Mica schist @
~~Rock~~ ~~is~~ ~~S~~ dipping 115° SW 45° (d)
on N side creek for 100' down
from mouth of small creek +
start of traverse.

Firestone dips W $200'$ S
on S side creek. Could be
fault here.

Also L.S. just upstream.
Top of horizon.

T48 ← to creek at 1800' W, 150' S in old of
west creek by mica schist.
Schist. Strike 155° T dip W.
Crenulated + drag folded here.
Altitude not reliable.

Mica schist contains chlorite
phen.

2200. Schist + phyllite strike
to 2500 128° dip W @ about 46° .
some crenulation + drag folds

also appear to be abrupt change in
dip at about 2300 - steepen toward E.

- T49 2900' dark grey silt.
50 3300 "
51 3800 "
~~438~~ 4000' mineralized float on
N side creek.
T52 4200' dark grey silt on S side
4250 Folded chlorite schist
N side creek.
(uniform overlain by
silty L.S. at 4400.
Strike 170° W 35°
is ^{int.} ~~not~~ by ^{base} ~~plate~~ ^{silt.} ~~plate~~
silty to those in L.S. Bed in
plate at E limit cl. group.
(possibly this is a purple shaly
margin too but then seems to
be a dull zone) Both sides creek.
T53 4500 dark grey silt.
~~53~~ Graphitic schist hor.
overlying silty L.S. etc.
Continues intermittently up to
4600.

4800 S side creek. etc of
chloritic schist
greenish - almost but not
quite massive in places
& isn't exactly schist.

Altitude 165° W 44

4900 end of etc area
T54

5000 etc S side creek. as above.

5100 " N " "

prob. same horizon as
~~the~~ preceding one.

5900 T55 dark grey silt.

6200 Comp.

June 28th

Traverse over main float area.

West end of the in creek bed at about 4500' on June 27 traverse

Buff weather silty l.s. in mass.

Dip 140° W 41. Well bedded

Well exp in section. N side cracks

above underlain by about 50' of silt, l.s. + schistose rocks. Thin layers of l.s. about to marble about 50' thick.

Int with this is micaceous band light buff + white color.

Whole mass l.s. is dark grey silty l.s. in mass.

Soil section shows remains top of bench above outcrop in creek and just above main float.

Sta 1 approx at 4500 W (across E of trail)

4500	56
4450	57
4400	58
4350	59
4300	60
4250	61
4200	62
4150	63
4100	64
4050	65
4000	66

mass slide

67 Silty soil from 50' above + E of float show

68 " above to W

T 69 Talus slope in the area
N side creek at 9450

Sulphide sample from creek bed #1603.

June 29th / 66

Traverse up Right Fork
Tarr Creek to ~~500'~~ valley
south of Tarr Mtn. EM up
creek in south direction, then
East then nearly across
Mtn in vicin Skewing.

400' above fork on east branch
Right Fork of Tarr creek. T 70

600' Galena out (dyle?) as above.

700' " intermitted etc

Grain size decreases south.

700
EM Sta 41
Contact in creek bed. East
side is coarse to med grained
white - light grey granite.

Contact strikes 175°

Stringers of granite lead
into hills as follows.

EM Sta 41 T 71 end of
horizons of galena again.

Sta. 44 etc continuing upstream
to Sta _____.

Hemlock on gulches. More maple
than before.

Sta 49 . Stream cutting (from S)
Sample T 72

Sta 50 Main stream Sample T 73

Very fine quartz. Beans,
hemlock seeds - 1 ft.
in canyon. Waterfall here.
Cut by narrow (5" to 10")
plate chert @ 170° E dip
with chert in it.

Sta 58 T 74

Site on N.W. side near Elport
on ridge. L.S. Silty: @ 65° W 15°

Main Fair showing N slope
Greenish trace - from
W to E along slope
about showing @ 50' int.

T 75 — T 82

T 77 directly above
station.

Attitude of L.S. at showing
 $150^{\circ} W 30^{\circ}$.

L.S. is grey with &
silty with calcite
stringer & small ant. dis.
Pb. & Zn.

Fossils at - sulphide an-
dis. in L.S. in buff weathering
zone of unintermined
thickness (but approx 6-8")
near top of L.S. section which
is about 20' thick.

Qtz veins are abundant.
But only in part alignment.

Took # 1602 here.

Direction to showing scale fault
 100° , from camp. Tan Creek 140°

W. H. Wright: Greocher Tracer

June 28th.

North

1st fault ~~at~~ on Tan Creek, 4000' up

0E 40N T83 1500 E 40N 90

200E 40N T84 1900 91

400 85 ~~200~~ 21 92

600 86 ~~200~~ 23 93

800 87 ~~200~~ 25 94

1000 88 ~~2400~~ ~~20~~ 2700 95

~~1200~~ 1100 89 ~~2000~~ ~~20~~ 2900 96

21	2600	E 40N	97	47	2600	E 40 N	105
33	2800		98	49	2800		106
35	3000		99	51	3000		107
37	3200		100	53	3200		108
39	3400		101	55	3400		109
41	3600		102	57	3600		110
43	3800		103	59	3800		111
45	4000		104				112

From 40 E at about 5600 turned South
 1950' to Cl post.
 2700' to Tan Creek at Junction L-S. Creek.

Atlin

July 3.

T112 Mineral Spring Atlin B-C.
 113 " " Encrustation

Re. ty. vein with Suer in l. N. in. on N

Slope @ 200° S. 100' N. vein cut.
 Sample A 2 + A 13

Stratified S. vein west @ 190°
 100' west on slope.

Quartz vein. West slope of vein
 near summit. Cont. fibrous
 grey-green stuff to mineral.
 # A 1

Qtz vein with Acid

Vein attitude 200° W 72°.

White gtz, with stringers into country rocks.
~~map~~ map

Contains malachite, galena.

and pyrite. Finely well developed
crystals.

Took A 4 channel
sample across West 6' of
vein. Vein ext. dat 12-14"
wide but only #1604

A 5 general
grab sample from all over
vein. #1605

A 6 High grade

#1606

(Location of portal (declination 30°)
from bridge west
Spring Lake 190°)

from mouth Pulley
Creek. 237°

from Peak ~~to~~ east of
Horn Cr. creek $\approx 87^\circ$

Angle of dip to bridge at
Surprise Lake 8° .

#A-7 Sample from near top of
vein on east shoulder of
mt. Gtz, is white, infrequent
spots of galena occur along
with many rust patches.
Strike is about 190° .
Vein not seen in etc but
appear to have width of
4-8 feet, maybe more.

Reading - bridge to top of
vein 186° . Dip $\sim 11^{\circ}$.
Road east of Otter Creek
 85° .

Basic feldspar samp. vein
about 600' SE from above
& down ~~to~~ 350' on E shoulder
of mt.

T 114 Soil from above area.
Gr. Andri samp. $1000 \mu\text{g/g}$ occur
N. 1/2 sec. 1, row. 50 PPM Cu

T 115. Travertine - silt & sed
from Hot Spring dep. Allin L.

Thursday July 7th /66

Calco Group; Canal Road area.

Geochem traverse east ()
along claim line, 200' interval

T 116	200'	West of P1 Calco 5 + 4.
T 117		at P1 Calco 5 + 4
T 118	200' E	Cl parts above.
T 119	400	" clay soil
T 120	600	" Min. part line ^{to N}
T 121	700	" Silt. Stream: flow N
T 122	800	"
T 123	1000	" Slope up to E
T 124	1200	Slope up E, org.
T 125	1400	
T 126	1600	⊗ Claim part on slope.
T 127	1800	Slope up to E
T 128	2000	"
T 129	2200	Slope down to N
T 130	2400	" (Pis. site)

T 131	2600	Slope down to N
132	2800	Cl part "
T 133	3000	
T 134	3200	Crinoid phyllite "
T 135	3400	
T 136	3600	
T 137	3800	
T 138	4000	
T 139	4000 E 200 N	Gravel at top of LS horizon. + below phyllite conite + Reddite lower soil.
T 140	4000 E 800 South	Much from shale down to N. Chalco + Sphal in gley also present on shale.
T 141	3900 800 S	Much
142	3800 "	Much
143	3700	Much
144	3600	Crinoid fragments phyllite
145	3500	Much + soil chert.
146	3500	OR black argill. 20° S 35 West.
147	3400	Much
147	3300	Crinoid phyllite
148	3200	Crinoid phyllite
149	3100	"
150	3000	"

T 151	2900 E	800 S.	Black ^{granul. phyll.} with org.
T 152	2800 E	"	Tan gray brown soil, phyll.
T 153	2600	"	"
T 154	2400	"	"
T 155	2200	"	"
T 156	2000	"	Black much. phyllite.
T 157	1800	"	Black soil
T 158	1600	"	"
T 159	1400	"	"
T 160	1200		silty brown soil. (Base of slope)
T 161	1000		Brown soil. rust spec.
T 162	800	"	some org.
T 163	600	"	—
T 164	400		Brown gray silty clay.
T 165	200		Rocky brown soil.
T 166	100		Stream.

200 E 600 S

T 166 coarse brown silt.

T 167 400 S "

T 168 200 S clay.

~~T 169~~

100 S Claim line at 150 W
instead of 200 E.

T 169 Brown clay 0, 200' N

July 20

Dub 1^o

Microschist @ 0 L 30°

line 8, 11E

Microschist Sch. 150 E 15

28, 7E

Traverse up line 20 to
13E then across hillside
E line 8, then down 8 to
15-2-

Outcrops are not too abundant
& what is there is all chlorite
or micaceous schists - fairly
well known but in places by
bands of quartz & calcite.

Strike NS about + dip
moderate to E.

Thurs. July 21st / 66

Day 2

Camas Area - Fire Lake

Traverse down creek from
Camp.

Line 4 N passes on N side
creek at 9 W.

Otc in creek bed here is
coarse biotite schist. Cut in
places by gty roughly conf. to
bedding. Att. $155^{\circ} E 14$.

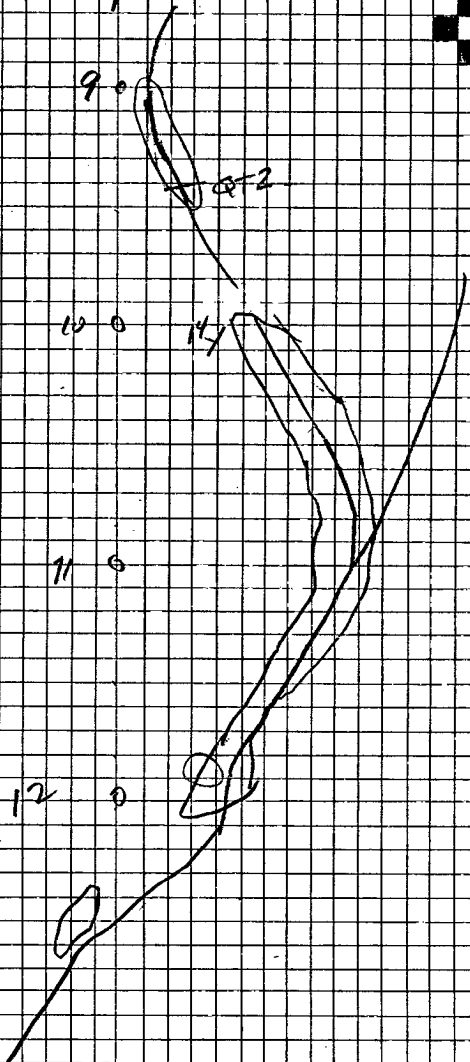
$105^{\circ} N 12$ in otc of mica
schist 100' below fork. at 4
4 N 12 W

200' up right fork. Otc of
gty mica in bed of creek. Att. $70^{\circ} S 4$
Rock is ...

Otc in stream for 200' up.

100' below sharp bend to Rt
in creek. is otc of granitic
dark grey rock - may also be
granite Rt bank

Figure 4N



50' above bend mentioned
p. 111. page. etc on Rt bank
Dark grey to black schist

20' up
etc in stone bed. See also
above but covered overlain by batic
mica schist on ledge above
creek about 100' from bend.

@ 142° NE 12

etc on 50' to

to

100' from bend etc
small etc
Mica & black
schist
paragon.

120' from bend above. Light
grey mica schist. coarse
of mica like mica

Flat. 150' N of 45, 0+100

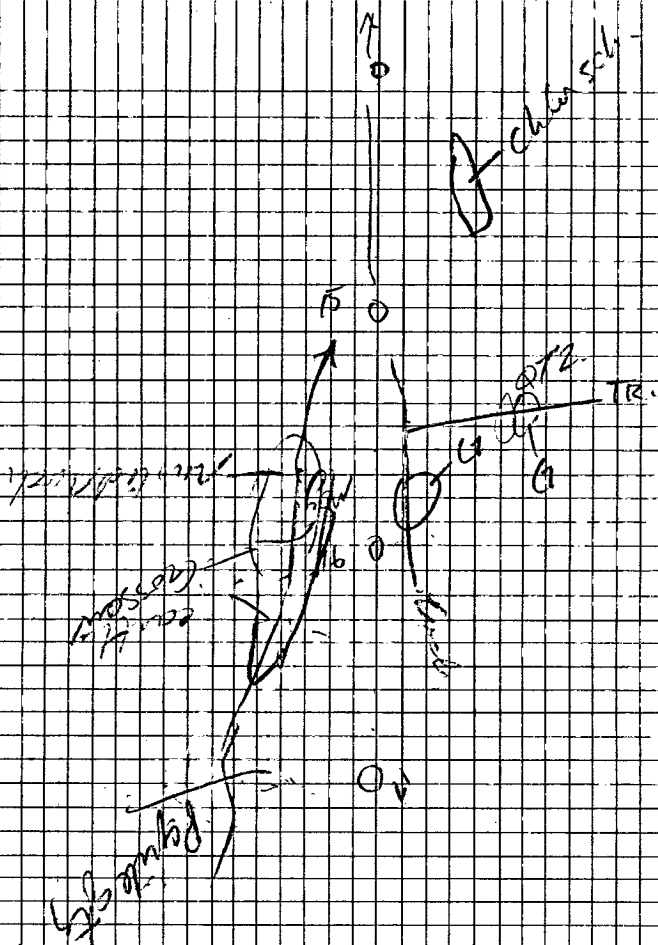
145° E 45 strike. This
etc etc etc etc

Log of DDH (?) A

- Start 5' chert schist.
 - 5-30' chert schist
 - 30-31' Thin chert in sil. schist with qtz over
 - 31-33' Mag schist with qtz & chert.
 - 33-49' Mic - chert - quartz grain with chert sample (schist in place)
 - 49-168' chert schist. Bottom 168'
-

DDH C

- 10-19' Massive pyrite in Qtz
- 14-24' Qtz breccia schist with thin sulph.
- 24-25' Qtz breccia schist - breccia, pyrite, some iron



25 39 gtz mica green sch with
 clots of sulph (Chalco, some
 bornite, mag, & py.)

39-167 Chlor sch.

Saturday July 23

Traverse north along BL

BL 15N Otc mica gte
h. *Quartz* *spec.* *spec.*
29N, 1W. "4" thick gte, vein
conformably cutting over chlor schist
@ 170 E 23.

Other con. vein also pres.
up to 10" thick. Otc approx
parallel to BL.

34N 2150 E Otc

36N 100 E Otc sil chlorite
Schist. *quartz*, *spec.* *spec.* *spec.*
etc below at BL.

BL 37N Otc as above

@ 18 E 25

BL 38 + 50N. Summit of ridge
Otc area started about 37
+ extends to where about 40N
should be

at 38 it goes 100' west
of BL. at 39 BL is layer
of rusty weathering

hornblende amphibolite about
1/2 thick. Dark green colour
(sim to stuff in drill holes)

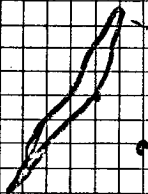
Contains sparse clinopyroxite &
is conformable.

Outcrop extends all along
edge of ridge to N.

36 N 2750 E OTC ^{exposed} chlorite
to 100' S, 75' N of line.

36 N 3 E end etc -
L36 N

3



36 N 4 E Summit ridge

36 N

6+20 E

Cliffs down to NE
Chlor schist.

34+40 N

6+25 E

Summit.

34+40 N 8+30 E. Summit. Also site
of quarry, a block was picked
up in a quarry of fine grained
shale in place.

Chlor schist @ 95 N 24 on
ridge top NE of above site
500'

Two points far NE
of above ridge. Granitic
mass schist. No grid
line for area here.

Fine grained, white, silty, well lamin
@ 182 E 35. Fine on
E ridge. thin. about 30' thick.
undulating top brown weather
siliceous. some siltstone
1' quartz pebbles on top.

34+40 N
6+25 E

Overlying L.S. - 4' 50' (incl. top)
sil micaceous schist

It is overlain by cut about 25' of
rust weathered gabbro.

This is overlain by dark grey
schist at least 30' thick

L325 27E 350' @ 110°, fault
zone (?) at crest of ridge. Beds fault.
etc to E just west of fault. See also book

325 27E crest etc down to N.
Graphitic schist

30+80S 26E Summit ridge etc.

28S 19E crest.

40S etc graphitic ~~and~~ micaceous
schist

150' S same, ridge ext. to
micaceous etc.

27S 18E crest

Graphitic micaceous schist, well laminated
cut about 175' W of ledge.
25' W of ridge is summit mtn.

26S 17E etc as above at ledge
crest.

18E to etc crest

From summit a 250', 300'
to otc @ 65 N 26. Fr
graph. silica schist with silice
340' @ 250' f.
otc of schist. @ 75 N 15

275 3E crest
graph. schist @ 85 N 12

~~B2~~ B2 285 crest ridge

B2 25+50 base otc.
talus below to N.

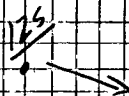
B2 125 ft. silica to NW
515. Circumference
margin of plate. Crest of the
margin @ 172 E 18

Otc area from 65 W - crest
of 500'. Summit 200 (9 in the
at 125)

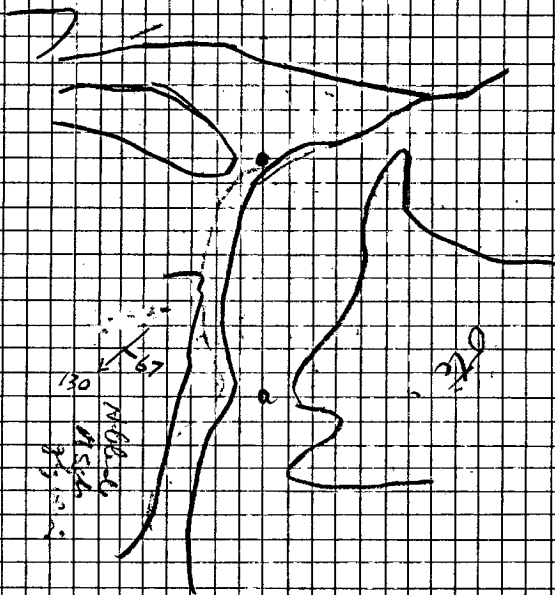
at 75 E (crest)

Sunday July 24th/66.

Traverse up to Cirque area & see
Carnia showing, B.L. etc.



26



27

28

Just to SE pit in grass
is at 11S 24E in large area
exposed mostly cap rock in ridge
beside + west of creek.

Carian BL crosses our
grid at 12 S 13 E-15 E
ON 11+35 E
2N 9+10 E
4N 8+70
4N 8+50 stream 2S 15+20 E
4N 9+10 " 5+50 S 17 E
4N 6+75 " 5' N 8 S 19+20 E

TAK GROUP

Sunday July 31st 1966

~~TAK~~

Traverse from camp up left fork
to look for showing then over to presently
finished line. 72-60 S.

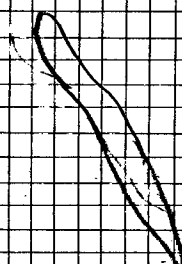
BL 50+40 S Stream
60 S No outcrop 0-30 W.
end in 30 W. Project to
31+50 - head of stream
3000 ft from S.

61+
~~58+505~~ 30 W Small bits of
flat layer graphite pieces
Schist well bedded ⁱⁿ fine lamina-
tion - Dark grey color.

June 68

25 W

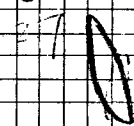
25 W



26



27



L 72

12



13

Otc

695 23-27W Grey mica sec. Sci.
90° N 8. Well lam - mic
be grain - has met. lines

70+25 S 3000 W Crest

725 22+22+50 W 2' high ledge
flat lying grey schist as above.

70+50 S, 17W Crest ridge

725 13W Cl line (P) TAK 37.58
2 35 36
120' to N

70+50 13W Crest

725 12W Poss otc grey schist ✓
(see diag)

725 19+40 E cl line (Point 300' N)
26+60 Creek

685 22 E Creek

645 18 "

645 20 E Cl line

605 14 E Creek

52S, 5+50E (15'N)
Graph schist

170 W 23 beside creek at
about 250' E of Camp.
etc 10' long 4' wide along creek.

TAK Aug. 3/66

June 60, 64, 68 W to 20W
no outcrop. Schist &
granite, float on hill.

68S 1000E no outcrop.

64S 1800E no outcrop.

1700E base of slope

61S 13E Pass small site of Gt
mica graph schist.

60S 12E Base of slope exposed

56S + 9+50E Base.

150' S along base of hill
from this pt. to small site of
chlorite mica schist

52S 7E creek (south) Follows line
for 50' E then turn S again.

52 S 6E (10' N) creek east.
5150 (20N) "

50 S, 5 E. *Gnaphthia mica schist.*
75 S 15. On bank of stream valley
small etc.

48 S, 5+20 E Stream at camp.
2 E crest hill

46 S 0+00 "

L 48 S no outcrop to 30 W.

L 52 S no outcrop. 30 W

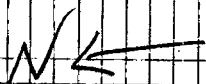
L 44 S from crest from 30 W.

44 S, 8W (60' N) etc @ 190 W 1/2

Grey mica ser. schist with
quartz beds.

44 S 6W Flat lying grey mica
ser. schist (see diary opposite)

3190 E stream.



444

MSL ⁺ GW

51

152

300

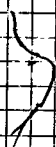
5

600

7

14

W



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.

.

.

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SW small area
from S.

August 4th / 66 [TAR]

48 S 18+75 E Small otc seam.
mica schist. Siliceous column.
21+75 E 40' N of line
Small otc of sil seam - mica
schist, along line for 10'

52 S 18+00 E
Flat lying granites
mica schist. Schist on
steep slope down to SW.

51 S 17 E Otc as above

~~48~~ 52 S

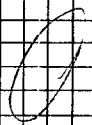
9+80 E Stream

9 E Stream 10' S.

52 ~~52~~ 52 96

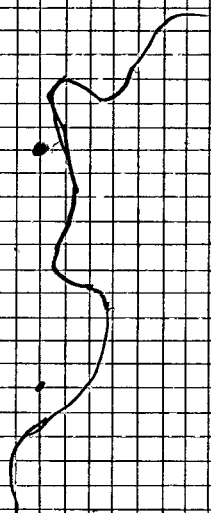


5



52

10



9

8

August 5th / 66

TAK

44 S 8 E etc g₇ mica
sericite schist. Probably
slipped.

44 S. PE of line (approx)
posts 200' N.

44 S 22+50 crest

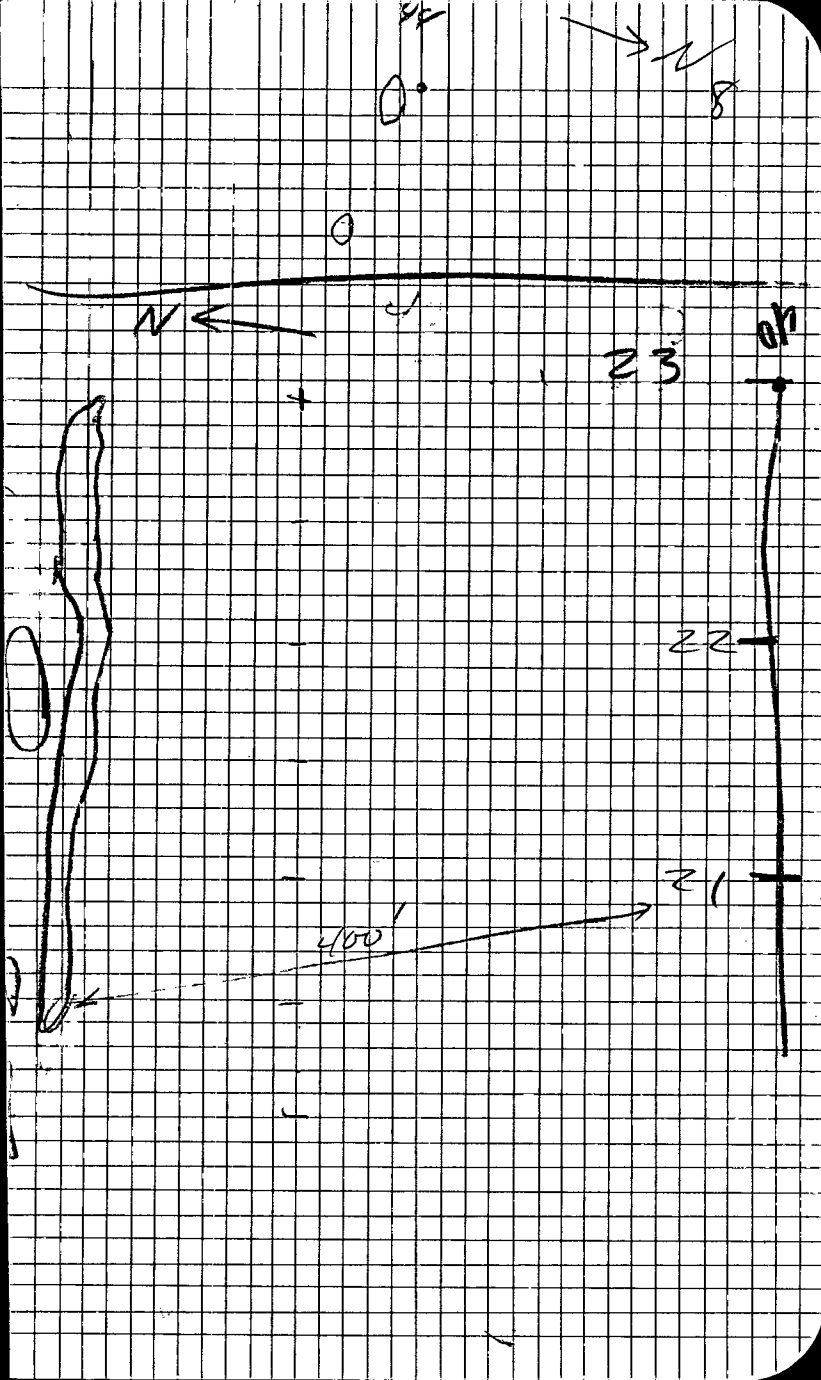
40 S 22+50 E crest

40 S 23 E (275' N) etc along
edge of hill due west (270°)
Mica chlor schist.
flat top.

40 S 18+50 E (250' N) etc schist
Biotite sericite - may
be granitic in places.
well lam @ 0° E11, 165 E14
Some phenocrysts devel.?
etc sketches NS for 40'
From above 300' N crest ridge

32 S 14 E ridge

32 S 14
prob. lam mica
also small etc.



Thin band of sp. etc. a
cont. in. but not just for

junction of etc. etc. to 2295

8 E. 150' no cuttings 250' E along
crest from 245 8 E. also note
with 75' of 245 8 E.

245, 25+10 E (?) creek.

245 17 E Cl line

165 18 E creek (Cl line here
too approx)

Geodon test of water 7 out
Nil THP. Silt, iron.

165 5 E NW end of etc on W
side hill. Dark to med green
chlorite mica schist. coarse
& almost massive in places.
Otz auger. Sometimes pieces
also ~~etc~~ subhedral perill
crystals. @ 5°W 25

From above locality etc
strikes at 150° for 300 ft.

About 240' along is
large vein of white quartz
which continues to SE but
not to NW. It is about 6' thick

Vein is in contact with ...
Other small veins nearby.
Appears to roughly conform to
bedding or structure.

Strike at this is 160 W 30
Boulders quantity higher,
diff from above vein.

From point 300' out at 150'
Lower edge of area strike
55° for 250'

At E end of otc
115 W 30

E end of above otc. located
145' north of L 245; 5+30 E.

245, 5+50 E crest
4+00 E 30' N, otc. to
3+00 E 30' N. @ 120 W 20

B2 195 otc of dark grey mica
quartz & ilmenite schist. well
lamin @ 135 E 20-

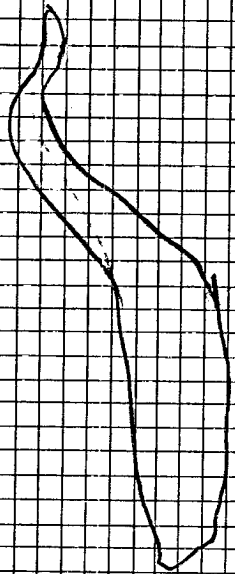
B2 18+50 crest hill.

24

SE

4E

3E



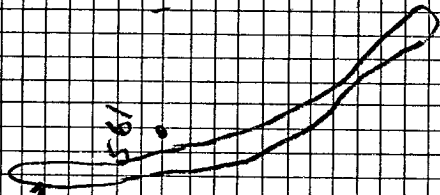
136

185



195

② 135 4 25



16 S, 3+00 W (100N) Small otc as above
4 W possible otc as above.

16S 3+00 W (200 S) otc as above.
3+00 W (0-75 S) crest

16S 7 W crest.

10W Otc area grey mica
sch schist - mica
granite

Otc vein exposed by line
of large white boulders at
10+50 W to 11 W. Appears
to strike 30° (line strike 70°)

Outcrop area to 17W of
grey biotite - quartz schist of
phyllite with mica, granite.
Usually slumped.

16S 15S 18W crest.

16S, 19W (150' N) sch as above, 40' dia.

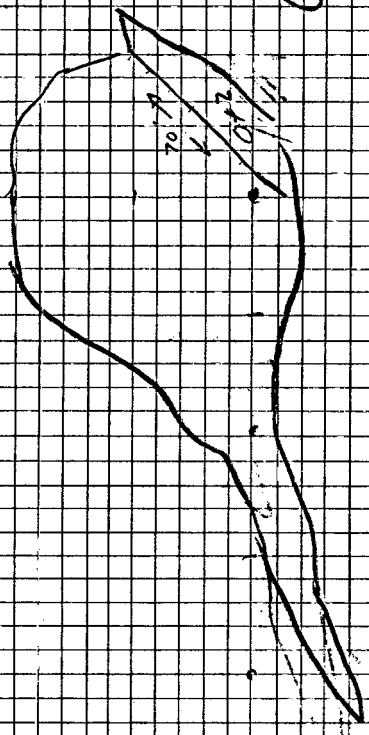
20 (125 N) as above
also crest of hill.

165

↑ 70°

10W

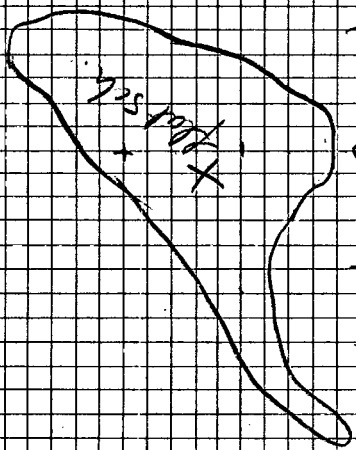
0



11W

12W

14



15

15S 24:60 W otc phyllite
or gty - hirst sch.
flat lying

Area ext to 27^W about

16S 26 W crest of ~~hill~~ ridge N.S.

Summit 26+50W, 13+50 S.
from summit height of land
heads at 300° for 400'. otc
only goes 160' + is flat
phyllite + 5 30' wide.

24S 27W otc phyllite
@ 174 E 20

26 W crest.

25 W - 24 50 W otc area
along edge slope - phyllite

32S 30W ^{phyllite} ~~Area~~ otc ext along ~~summit~~
crest for 400' @ 300° from

Summit about 34W otc area
32 S, 28W crest ridge E.W. ~~also~~ 33 S, 20W

185

176
Biom - growth
sites

100NIS
100' 177
186

24

10

10

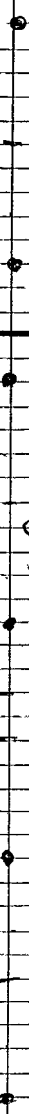
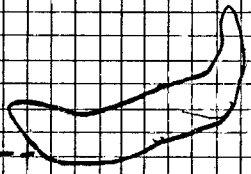
25

10

26

27

Summit area
150'



35 S, 20W area of gts float. Parting
vein nearby.

40S 12W (140'W) small dip
6W cont ridge

BL 40+45 Ote plattin + mica sch.
150 E 15

45' from 40+45 S BL at
200° ote is 100' away +
strike at 200°

40S - 2E Stream.

100' dipping old 60 S E 15

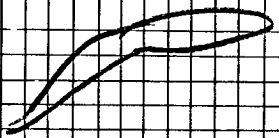
well low chln sch.

Cont. for 75' @ 135° along

base slope. 20' up^W for creek

cont. to 44S + 3150 S (30'V)

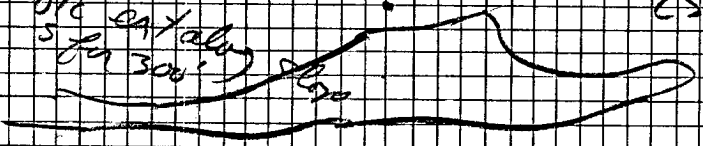
245



27

etc. data along
 5 for 300'

52



28

August 6th 1966

Saturday

Traverse to north end grid.

BL 37+60 creek. Ote along
creek bed 100' upstream. Chlor
biot schist

(BL direction at 165 153°)
cross line at 63°

85, 13 W (300' N) ote
ledge strike at 150° for
75 feet. Att 110° S 15

Rock is chloritic schist
with sparse thin py in
places — sometimes rusty
cavities — small crystals.

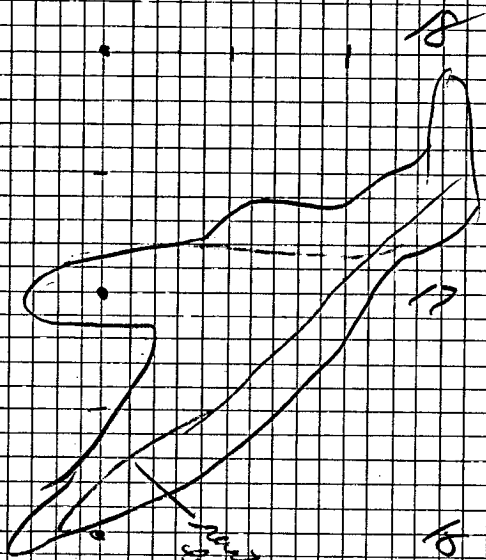
(Base to TMM 10+ ML Dith
100' west at 35, 16 W ote

@ 118 S 20. Fine chlu schist
ledge strike 170 + is 60' long.

16 W OS ote area @ 170° for
20' S and 600' (at least) N. Cor. ties to
17+50 W. 270° along is stream. ^{250' @ 45°} to lake.

190' of small creek.
18 small TMM | Lake is 300' long.

Line 05



16
Start map & fault
Start fault
Very magnetic red weathering

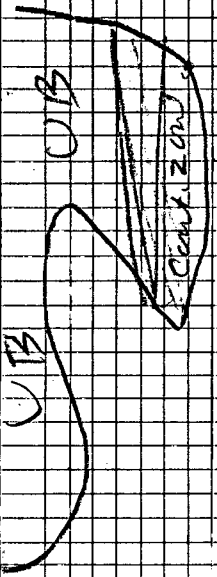
0 11E (200' N) side of
U. B. rock

9 4+60E creek. Fork 150' down
0+50 E creek from lake.

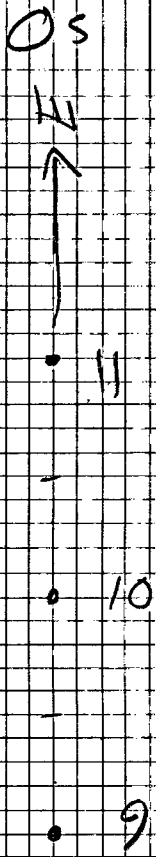
13L 6+20 S small creek.

8 S 4 W Same creek 10' N. Road
is ~~at~~ just N. of picket 5

32 S, 5+50 W creek.



OK - lots of
 feedback



August 10th 1966 [TAK]

Traverse south of camp to
vicinity of lines 80-104

L 80 South - ~~no~~ West of BL
no outcrop.

88 S west of B.L. no ote.
88 S 4W (4N) creek.

96 S 32+00 (line ends at 30) W.
(220' N) ote area of phyllite or
semi-met. graphitic schist, steeped.
Ridge at 33+00 W. (NS).

96 S, 30 W (150' S) ridge in
striking 100°. Ote all along
summit for 30' across &
ft long.

Schist, as above, flat lying
at above loc. At 500' along ridge
142 E 25°

At 625' direction of
ridge changes to 85°

No ote for 350' from above

Thrust of schist on ridge for

The etc. of ~~etc.~~ for 250
@ 130 E 12

at 400' from East change
direction, ridge change $\approx 10^\circ$

Gully ≈ 350 from above
along ridge. Dry but could
be intermittent stream. Goes to
104'S, 13+75 W (strike 320°
from this pt.).

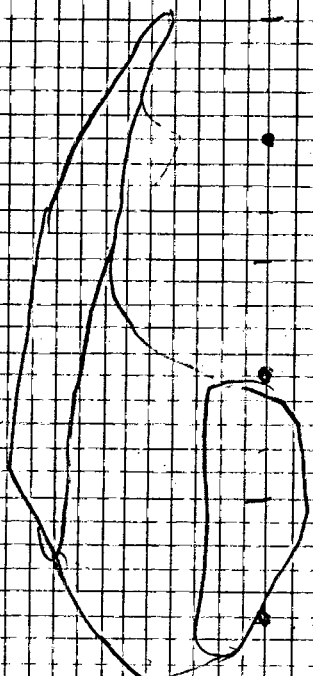
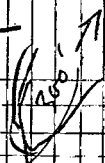
500' etc. of sediment at 80NS
800 cl. ^{with} TAK 41 Pl.
Band of etc. 50' ~~at~~ along
ridge. Posts on ridge
etc. ends about 11000' along
ridge.

97+50 S 3W ridge crest,
about 400' W along ridge
to last etc.

BL 97 S ridge

BL 109 S small low
ridge

104



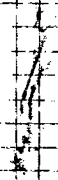
23



24



25



109 S 6-7 W (+ 300' South)
area of ~~the~~ semi mica schist

Outcrop ~~near~~ east of
small gully on ridge of
about 12-13 W 101 S

104 S, 17-20 W (100 N) up

Mtn to row of otc ^{schist} about 800'
wide + parallel to ridge (4 line) 750'
to ridge.

104 S, 2250 (50' N) to 24 W 104

105 S 23+00 W Phyllite etc on
hillside. @ 40 NW 8

West end of otc. Stretches
east along slope for 400'
intermittently. 50-60' wide

400' South of L 108 at

21-24 W in gully on Mtn side
parallel to line + also
parallel to valley below.

Otc of phyllite on west of
W side gully on ridge about
5.

1125, 30 W Summit of pass
2850 gully with int
Stream

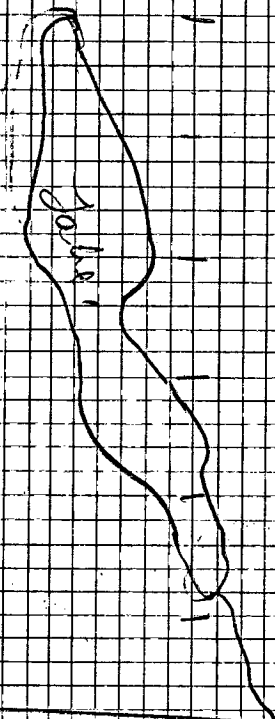
1125 25-24 W, 20 N of line,
61c ridge of same schist
@ 85 N 22

Rock cut thin bed of
L.S. - grey & weathered
Fault gorge present
in this site as is a
portion of the felsic gty
rock. A massive
dark grey with veins of
spg. Shear immediately
west of this.

1125 23W (1005) small pond 20'd dia
22W (1005) W end of
larger pond.
18+50 W N shore of above pond
17+50 W S "
16 W (100 N) int stream.
13 W 50' N "
13 W 250 N etc Sch
11+50 W int stream

112S

22W



21W

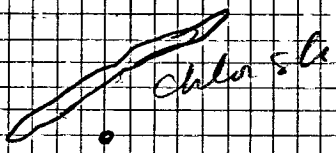
20W

19W

18W

17W

112



5W



4W

112 S, 5+30 W. Ote well ~~thin~~ calc-chlor
@. 150 E 39. Top of grey ss. with
thin calc bands.

4+10 W Dark blue grey
contorted phyllite with
rusty staining + cut by
irreg quartz stringers.

2+50 W ote @ 130 W 28
Rocks same as above but
less contorted. It a mica
gty schist similar to stuff
at OS, 16 W.

B2 82+60 S creek

Sexton Fechar

S. Fr. Francis Xavier

Process (Residence)

Room B 313

Antigua, N.S.