

T.L. SABLIER - 3200

- Fire L Area

- McLean Arm
Area.

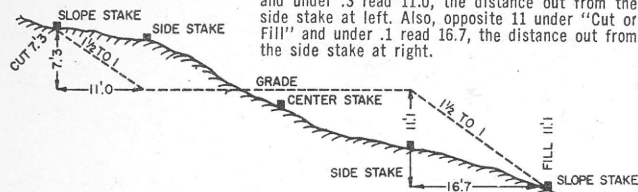
(SUMMER 1967)

018598

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

J. Sadler-Brown



The paper in this book is made of 50% high grade rag stock with a WATER RESISTING surface sizing.

KEUFFEL & ESSER CO.

strike at 113° & dips North at 47° .

About 100' downhill to the north of the pyrite show is a small breccia zone in the phyllite. In places the sandy rock retains the texture of the vuggy quartz within the breccia.

Possible strike 137° .

General Pyrite Sample from creek #1610

July 12th 1966

Dob Group South of old Cassian camp in Cirque.

Summit east ridge - Mica schist, attitude 153 NE 45 .

South side & head of cirque on ridge leads ~~to~~ strike NS & dip E at 39° . Some graphitic schist here.

Graph schist persists

along the south slope of mountain & probably accounts for the EM anomaly just south of the peak.

T170 Soil sample from vicinity assumed fault zone on south ridge at head of cirque above Cassian showing.

T171 Down slope & to south about 200' from assumed east limit of graphitic anomaly below & south of peak.

Attitude of schist (mica-graphitic) at ~~to~~ nearby is 25 W 37 .

T172 Organic soil from dry gully about 300' west of the above (Y. 32 Sta. 7E).

T173 100' E BL, Sta 31505. Soil sample -

T 174 on ridge at South end
1st valley up from
lake at BL 28 S.

Flat schist at this
point.

July 13th 1966

Traverse over showing area.

DDH O. Vertical hole about 50'
north of creek. Located 75' north
of Sta 45 8 E.

DDH P. Vert. 60' south of
45 9 E

Rust breccia in pit NE of
pyrite show. Breccia is prob.
fault material. Approx attitude
100° N 25 here.

Outcrop of int. phyllite + qtz mica
schist on east side of valley or pit
att. 163° E 31

5883
JES-23

Olc at base snow slope from South
to end of ridge at 174 E 45 East side
150 E 58 West side.

Attitude 55° SE 12°, Chlorite
Mica schist in left fork of creek

600' (approx) downstream from the
above is rusty olc in creek bed at
4A 5 E. Rock is siliceous +
micaceous schist + contains high Fe
content, quite magnetite. Cu stain in
places. Some places pyritic but
fine grained - Small ant rusty breccia
No attitude possible.

300' down from above. Mica
chlor schist @ 135° E 42



July 14th 66

Traverse West + South around
mountain to EM anomaly.

Just above tree line on south
slope + about 1000' from
centre of anomaly is otc of light grey
quartz biotite schist.

attitude 200 SE 22
(See x (sch) on photo)

Otc forms ledge 100-200' long
@ 115°

300' down hill, S. Otc on near otc
qtz mica schist: touch T 175 soil.

T 176 200' S. of above. sig soil
(lat)

Otc of qtz mica schist on anom.

140 E 10 High qtz content
— almost a fine green.
gully @ about 120°

T 177 200' down gully to E

300
1976
1976

T 178 200' down gully. dark grey
soil from 'depression'

T 179 50' S of above. Dark grey soil

T 180 300' N along slope from
above. Orig. brown soil

T 181 Brown soil 200' N of above

Friday July 15th 66

Line 8N 0 Towards east not to
seen

Cut over to line 4 N

4N SE Stream from 10° N of
line. Otc stretching down
100' + up 150'. Crossed with
Cu stains + magnetite. Centred
schist at E end. Mag^{rich} appears to
overly this in centre area.
(see diag.)

Took samples # 1611
1612 represent
h.g.

from this locality

Both consist of Chalon + pyrite in
magnite bearing schistose - gneiss rock.
very dense, dark blue grey + rust weather.

Line 4S. drill hole location
4S 9E 35' N possible hole.

L 4S 8+70E + 200' N poss drill hole
or ~~8+80E L 2S~~

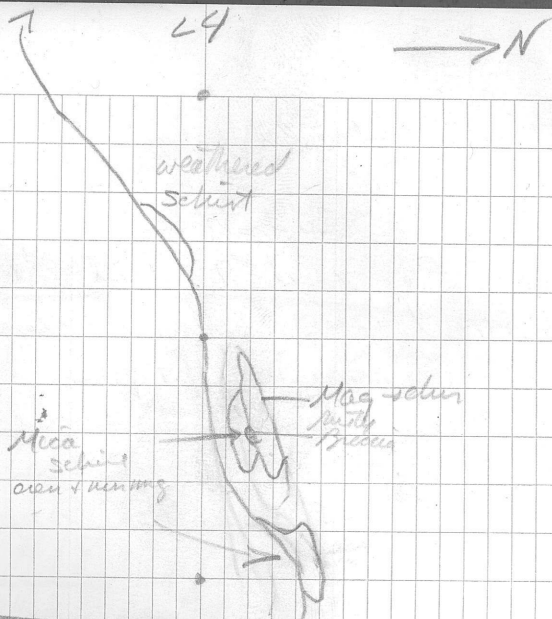
4+25S 14+80E core rock.

4+60S 15+50E poss drill hole Vent.

2S, 16+75E N end trench strikes 205°

5S 17+75E DDH A (65° 167')

4(+10)S 17+80E possible chalon schist
@ 130° dips NE



- 6S 17+00E DDH ? (from 0-70-170)?
6S 17+30E pit in chalon schist (poss DDH)
6S 16+40E trench
6+50S 18+40E E end of trench
6+20S 17-18E massive pyrite boulders
Note in creek bed. Very rusty @ 35° NW (12)
^{also used @ 120°}
5+90S 15+75E approx W end trench
(covered with snow)
5+50S 15+50E approx S end of
205° trench.
Massive pyrite in rugged gty
boulders. Part etc of above in trench
Chalon schist contact with

Schist to N in trench about
50' N of S end.

Schist here appears to overlie
the next material which is
about 2-3' thick & is defined
by massive pyrite.

Root extends right into
overlying soil.

Sulphide here appears
conformable.

6+20 75+80E etc of rusty
weather chert schist - Very
magnetic. Strike is perp to line &
dip 50° N E.

Rock is immediately overlain
by massive leached ^{USF} chert.

DDH E Vicin 85 20+50 E

Extensive gossan in schist here
Brecciated & leached.

DDH I 8+80S 22+40E

etc + gossan above on N side
gossan at 10S 22E

Schist 23+20E E; 10S to 16+50S
29+50E at which point

is located split with gossan
breccia in it.

July 16th

Drill Core Logs

DDH #18 (17-40')

Chert schist cut by gty
veins all way

DDH #0

14-30' Dis sulphide 14-30'

30-38 Mag bearing chert

DDH M

0-19 overburden - chert schist
pebbles etc.

19-22 sil breccia schist

DDH 6-2

0-12 massive pyrite
with some chalcocite also
present

12-25 Greenish pyrite + chalcocite
bearing siliceous schist -
Chlorite mica schist
has been split.

(Hole not numbered)

0-3 leached gossan material
with quartz, vugs +
manganese stain.

3-5 leached vuggy quartz with
pyrite.

5-10' Caved

10-15 chlorite schist

15-21 " with quartz veins +
bands cutting it
end of hole.

DDH 7

7.5' - 15' massive pyrite +
chalcocite (possibly some
pyrrhotite) + quartz

15' weathered + mottled
above

18' broken up - still in sulphide

20' schist, some disseminated
sulphide

29-40' Green chlor schist
bottom hole.

DDH 13

0-10' Massive pyrite in
vuggy quartz

10-19 fractured massive pyrite
in quartz

19-21 Quartzite with
veins of quartz +
disseminated pyrite.

21-24 Caved

24 bottom hole.

DDH 15

- 7-13 Massive pyrite
caved at 13' in
band of soft (earthly)
pyrite.
13-30 quartzite - dense pyrite
veins cutting it. End hole
-

DDH 1 1/2

- 0-15 massive pyrite, rusty
veins in gty
15-20 massive pyrite
20-33 ~~veins~~ chlorite schist
with vein of gty
-

0-14 Massive pyrite in quartzite

14-20' ~~foliated~~ - chlor. mica
schist with dissemin. pyrite.

DDH 19

- 7-8 boulders of gty & pyrite
8-30' densely dissemin. pyrite
in quartzite
30-40 dark grey magnetite
gneiss with chalc. +
pyrite + quartz, ~~etc.~~
Sulphides are dissemin.
-

DDH 24

- 8-14 rusty carbonate
rock, calcite
vein - L.S.
14-24 Gtly silty L.S. here
24-29 densely dissemin. pyrite
in quartzite
-

DDH 22

- 11 Chlor. mica schist
11-13 Juggy quartzite
13-21 Magnetite bearing
foliated rock -
gneiss, with quartz

DDH 21

10 - 33 Chlorite schist
badly covered + broken up
end of hole

DDH 20

0 - 31 chlor. schist with
few qty veins

DDH #10

0 - 10 Camp
10 - 35 Chlor biotite schist
14 Broken up
35 thin band greenish pyrite
35 - 47 Massive pyrite
47 - 50½ Quartzite with chert
pyrite + chalc

DDH (8?) not sure of #

0 - 4' chlor. schist
4 - 10 massive sulphides in
quartz
7 end core
10 - 14 Mica chlor schist,
dark green.

14 - 27 Magnetic schist -
siliceous + with
sulphides chert + in
stringers

DDH 16

12 - 26 chlorite biotite
schist. Cut by qty
vein.

July 19th

T-Sightfoot Geochem Journey of
Creek flowing into N side, south end of
Fire Lake. Starts T 182 - T 200
and from 215 - 220
miles

Pat Brownwood
Starts T 201 - 210
to T 221 -

traverse up Pierre Creek

T 211 - 213 Soil from Recce Area
T 214 - (silt) south end fire lake.

See Nielsen geology - claim map of area.

July 19
 Log of Cassian DDH (cont.)

✓ Hole I number obscure, may
 be something else N, AX
 0-26 NX

0-78 Green chlorite schist. Beds.
 90-60° to Axis

78-87 Massive sulphides.

87-89 Foliated sulphide bearing
 rock - biotite chlorite
 schist. Dark colour

89-90 Lot of quartz here

90-95 Chalcopyrite content in
 sulphides higher. Magnetite
 bands abundant.

95-100 Chlorite schist with disseminated
 pyrite, chalco, + magnetite
 bands

100-125 Chlorite schist with quartz
 vein.

Sulphides fade out +
 do not end abruptly.

125' bottom.

✓ Hole _____ (no number)
 0-129 chlorite schist with
 aplite vein + patches.
 Well bedded sch-
 high core angle, crenulation
 129 8" band of densely
 disseminated pyrite in chlor-
 schist.

134 sparsely disseminated chalco +
 pyrite

203 bottom hole in chlorite
 schist.

✓ Hole _____ NX core
 AX core.

0-215 biotite chlorite quartz
 schist or paragneiss
 grey, fine grained
 moderate (40°) core
 angle. (Mat 45°)

215-218 Dark grey - black
 hornblende or
 amphibole band.

218-226

Chlorite schist

226

Bottom hole

✓ Hole ——— (3) Nx Ax

0-72 Chloritic schist +

hornblende -

50' crumpled.

72-74 white quartz band

74-90 Chlorite schist

90-96 Solid massive pyrite

9 Jointed with smooth joint surf.

96 Bottom

✓ Hole ——— Nx Ax

0-27 Dismineralized + massive
pyrite27-28 foliated - siliceous +
micaceous schist with
dis sulphides quite
abundant.28-39 Magnetic schist with sparse
dis sulphide.

39-48

Mica Chlorite schist

48-196

Chlorite schist

196

Bottom

✓ Hole ——— Nx Ax

to 14'

Nx camg.

0-42'

siliceous Chlorite

schist. Toward end

angle.

42-52

Chert greenish
color.

52-68

Heavily disseminated
pyrite + some chalcocite
in quartz. Magnetic
in places.

68-70

foliated siliceous

rock containing dis

chalcocite with magnetite

70-88

Magnetite, chalcocite

schist

88

Bottom.

DDH D (AXNX)

0-11 Dark green Hornblende
or amphib: AX (?)

11-30 Mica chlorite schist
with calcite vein.
Green stain (malachite
or chrysocolla, not too
abundant). Brown
weathering colour. Could
be called quartz chlorite
feldsp. Paragneiss.

30-41 Sharp contact to
massive pyrite in
quartz

41-50 foliated above but
with chalcopyrite.
magnetic schist.

50-197 Chlorite schist cut
by quartz

197-202 dark green Hornblende

✓ DDH C + one other
with no name

see other book for
July 21st

All core logged.

July 1967

Geochem Samples Start at
SB-8

July (Monday) 1967

Traverse across Dolomite Ridge, south
part E to W.

Base of outcrop E side ridge opposite
rust spring nr. Fartin Stock is ~~not~~
mainly silty dark grey platy dolomite
with brown weathering. Well bedded
* @ 330° W 30. ; 330° ^W 35°
0-600' up section very platy &
silty. Finer lam. cov. int 600-630'.

Thicker lens. 630-640' but generally
platy above. @ 10° W 25

@ 700' 330 W 35.

750' 330 W 40

800' Locality # 312 on photo. Buff
coloured massive dolomite with interbed
of platy material. Brownish weathering & cut by
thin white qtz veins.

313

Massive to indistinctly bedded
buff weathering quartzite. Fine to
med grain. @ 295 W 50. (15' thick)

Conformably overlain by massive
grey dolomite resembles "hart rock".

Both cut by thin parallel stringers
of quartz perpendicular to bedding &
stringers

314

Buff weathering white quartzite
@ 295 W 18. Bedded but not
distinctly so in situ 46' thick.

315

Buff weathering light grey dolomite
sil in places. Massive

316

325 W 35 Med grey
fossiliferous LS. (295 W 35)

317

Disturbly bedded ^{argillaceous} silty dolomite
(~~buff to grey~~ with argillite
interbeds. Occurs above ~~and~~
buff dol (massive) which
overlies LS. @ 305 W 20
300 W 35.

319 Quartzite with bands of silty dolomite
near bottom underlain by platy
argillite or phyllite.

320 Quartzite (slumped) Downhill to
W is band of thin bedded
dark grey phyllite.

322 Phyllite @ 350° + vert.
350, 85 W.
possibly some ~~thin~~ beds of
grey platy dol also present to
E part of site.

323 Phyllite as above at junction of Creek.
vertical + E strike 340 E 65 (av)

324 Blocky chert - light grey, cut up by
thin quartz veins. In contact with
highly contorted phyllite. Plenty
weathering places but generally grey.

325 Argillaceous dolomite in creek bed.
@ 360 W 40

326

Argillite, Dark grey
thin bedded 95540

Contacted

30' downstream att is ~~at~~

20 E 35. Argil is underlain by
dark grey med grained
clastic rock which appears to be
greywacke. Contact is conformable.

327

Qtzite + chert int.

ARM GROUP GEOLOGY

#11 on MacLean Arm Grid

Monday Sept 4th/67

Tried to get to Stone Rock today
but waves too big.

- 0+00 0+40 E trail
0+50 E SW corner collapsed caldera
1+30 E stream flowing N
2+00 Otc. Light brown
weathering dark green
med grain'd diorite. Feld
crypt 90° tilted grey with
enriched by highly chloritized
mafics, >10° & feld.
Very magnetic. Could
be the greenstone. No gts.
Sheared & altered
- 5+00 Creek along NW 50' N line
5+50 Creek off along line turning
NW here.
Otc in creek bed for 40'

in NW direction is fine grain'd
mag bearing diorite. Dark green mafics
with white feld rich up 40° rocks
Mafic. Epidote vein occasionally
present. Not sheared as at 2+00

3' wide basic dike in creek below
etc at 120°

- 6+00 Creek as above along W-
Comes from just S of E here

Turned S from 5+00 E

- 0+75 S greenstone. faint mag.
fine grain dark green with
a few phenos (or porphyroblasts)
of K spin + plag.
Otc 30' EW

- 2+25 S On N sloping hill. Dark
green ophiolite thin to above
very magnetic. Appear to be
h chlorite chlor + magnetite
greenstone.

4446'S to 45 5+50E on hillside
up to 5 Base at or 70 S

45 1+90E Small creek flows NW

0+50E 10' N line. Old trench 12'

to down @ 38°. Otc at
head of trench and along
small cliff 30' N line at 30'E.

Rock is white ^{to pink} weathering and
being ^{silico phosphate} alaskite. Very few mafic
Minerals light grey to green field

Grain individual but ≈ 87
90° fold. Thin vein of gty as present + rocks
sheared + has block fac. No
direction of shear here.

8' SE of BL 3+81 is small otc
of Alaskite. Has appearance of
above but not sure. High in
gty + with sugary texture
cont. .5-1% dischales here.
No mafics.

BL 4+155 + sticking for
10' east of otc of Alaskite
1

4N
sim to that at 0+50E

45 2+10W Creek flows N-
Otc in creek, goes

S for 100' +
at 455 it's silico Alaskite
like at BL 3+81 S

Small amount dischales.

Otc goes down into for 100' +
too

3+75W Creek flows N in deep
50' canyon.

3+50 Rim ^{for} 255 and 30' N
note of med grained dischales
diorite. With 4-10% mafics

Sim to rock at 0+50E
but with more mafics +
suc K spar. 4-10% gty

Otc ~~at~~ in creek bed ext 358°
south 100' +

Sugary texture gty rich
fine to granitic - light

greenish colored diabase
No min. 10%-20% chls mag
has rust seams.

The leuco diorite is also
near dior here so it + the
sugary sil rock must be
closely related.

4S 4W Diorite on an rim
seen to diorite at 3+ on
E rim of creek canyon.

5W "

6W - 7W Float of leuco diorite
with abundant rust patches
in it. Med grain +
with very fine very sparse py.

8W etc "

9+50 Span amounts of sparite
above rock float

4W
From 9W, turned N

2+00 N Ote of med grained
slightly rusted leuco
diorite

4+20 N. line shown at 8 W

0+00 from 10W going E.

9+50 - 9+60 Leuco diorite as
above but silicified + brecciated
in places. Cont 2-3% ch
Chalco locally. Py also pr

10+00W Creek bed. flun
@ 60. Fork 40' up.
Pyrite graniform
200 + 252°

~~On E side creek 10' S of~~
line is site of diorite breccia +
Qtz calcite filling - coarse +
with fine ch. chalco + py -
Ote ext up both forks of
creek 100' +

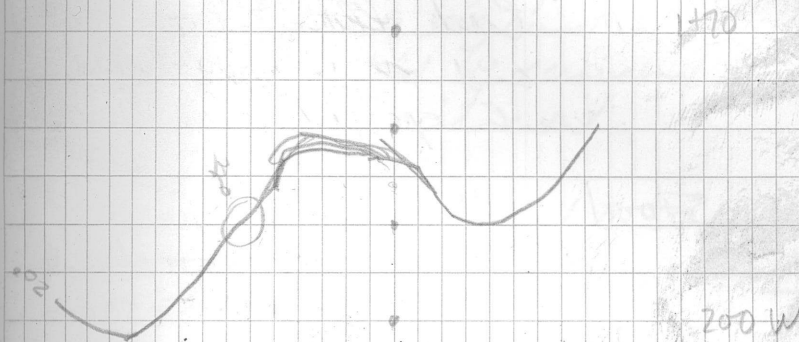
9+75^N on E side of E fork at fork
is sheared ~~and~~ site of
breccia + debris + quartzite.
Shear are at 175 E 60 ✓
190 E 45. Keolined.

3+90^W creek along N
2+40^W " " 300°
1+80^W " (see diag)

1+90^V Creek bed (see diag)
Small site of silicified rock
fine grained - Alaskite with
sparse thin pyrite.

2+00, 120^N etc in creek bed. 95 gues
@ 2850. Very magnetic
40' N from base of creek
jet.

1+00 (15' N) Trench, West end. Rock is
grained silicified. Alaskite
with thin Chalco. See other
map for details



BL N from 8+00

1+80 N Creek floor from 120° and out to 3100 - A-10 in gravel here.

5+00 N Massive dark grey mag bearing mafic diorite as at 8+00 5+50 E -

Small creek floor N, 20' W,

From 5+00 N BL look SW, 8 30°

90' Otc as above

1+30' NS d line

2+80' Otc as above

5+46' Poss otc of chloritised mafic Monzonite. Both light grey plagioclase Kspen pos in mag & rock. ~~20~~ 20-40% Mafics here in the material on beach

Not plotted Sept 14th / 67

Blacks Canyon

Could possibly grade into mag diorite mentioned above but should be considered a separate unit now

8+00 Trail at head of swamp

Following trail -

332°	for 180'
040°	65'
340	125
332	150..
344	50 - 15' E of trail consisting
344	100 monzonite - mid
	granite + mafic
335	70 monzonite
337	60
310	75
336	75
304	75
273	85
351	156 creek 25' W
28	100
10	100 Beach - Monzonite

Sept 5th / 67

BL0+40'S Old Cabin trench

N end of cut 75' W of line

S end " 8' W "

See previous maps & notes.

Rocks badly jointed & friable appear to be the fold pattern rock - ~~distinctly different to~~ lower divide with zones of siliceous rock - altered rock the Alaskite. These are pretty small. Dischalcio with both.

2+125 S end of Cut called Wano Old

See other map position

Rock is of sil type in vein to 25

Over some of cut can appear nearly dip but 15' E of W end cut is zone 1 to 2' wide where it

is loaded in sil rock (fine light blue grey argillaceous) striking 30° + dipping 70° E. This is about 20' W of BL-

At corner of cut on BL in rock well dip with fine pyrite joints & fault at 280

at S end cut is fine fold rock highly koolyid's cut by fine stringer of gte. not much at (2+125)

Dip cut at 2+06 S

at 212 pass shear of fine surfaces at 300°. Formed to N of there is zone of gneiss 3' wide with silt & clay etc. Then mica etc - more overlies for 5' then mica etc. at 2+5.

Rock here quite silty though. Jointed at 105° + dipping N at 70°

Min starts at 1+95'S

In crumbled buff rock - weathered & prob faulted at 105°. At about 1945 is hard sil rock with H6 dip chalc.

This show now appears to be a mineralized qtz vein or a series of the shaly, at 240° to 260°

Some of the commercialization exhibits a trend a greenish at ~~2~~ 175° across the assumed direction of the vein

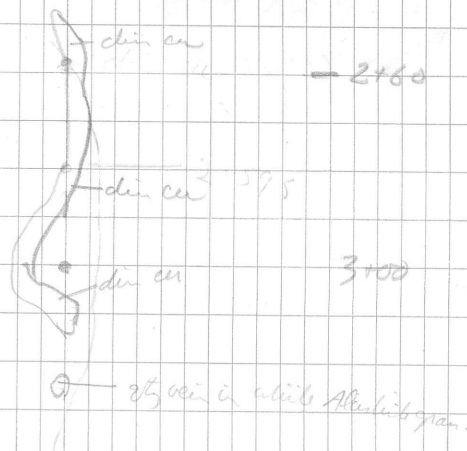
Otc along 10' of E wing of cut is epithermal siliceous rock with some mafics but no min.

Old X line at corner of cut 100 ft E to bed of creek flows N. Fork 15' up to 390° + 34°

Otc just below fork is grey diorite with 10% chlor mafics. Sparse sulph.

This grades into porphyrite med ground + sim to standard being around here in Otc in creek beds on line - both sides creek + 25' down stream

B2 2+545 light grey siliceous aluminite ~~with~~ with qtz zones with sparse dischales.



4+85 white Aluminite with fine qtz stringer at about 60°

5+78 "

6+85 Portal #1 adit. 4' E line

25' W of portal is old of Aluminite cut by qtz vein with epithermal at 36° west

face 12' long at 340° from the pt. Unit 1
gen narrow 2'.

7+60 S

Sugary quartzite
Alaskite. Spun diorite

8+00 S

X line

0+70 - 1+00 E dyke float

1+06 E Ota aplaster^{or} fine

Diabase diorite maybe diorite
no min seen

1+30 E "

3+40 Diabase float in small creek.

From 8 S SE turned N

2+00 N face Diorite but mostly
quartz, (Alaskite) with
diorite & very sparse chal.

2+75 N Med to fine leucodiorite.
In places may be more.

4+20 N 4+00 S 4+50 E

N from 4 S 3 E

1+35 N

4+00 N

SE

the car chopper pad clearing

2 S 2+50 E

Sept 10th / 67

Stone Rock Bay Grid (#2)

0+00 12+00 - 13+00 S

(H tide at 12+50 S)

Shore of Stone Rock Bay
at high tide (approx)
Rock here + along shore @ 120°
is magnetic dark green pyroxenite locally
brecciated by aplite + diorite int dikes.
Vertical shear at 90 + 100° 120°
cut the breccia + cements with py
width 1 to 2".
Some thin Kspen rich vein cut
breccia but offset by shear to R.
At 12+00 S rock is diabase
with many frags of pyrox.
At 12+50 S its more of pyroxenite
cut by diorite + locally
brecciated.

1+480 S as above ↑

6450 10+055 Dike at 150° S side

9405 Med grn green mag bearing
biotite diorite. Chloritized. Base
• steep slope up to N

9400 as above - 6' W of line
above with epidotized +
Koolinged med grn monzonite
Sparse mafics, some chlorite
Could be dike. Not magnetic

8796S Fine to med H-blende gty diorite

8786S top hill. Green magnetite
biotite diorite. Low mafic cont.

7195S "

7130S "

6190 "

5150 Base steep slopes

5140 Dark rose K feld crypt coarse
to med grn - in dark green
Koolinged aphanite - green tint
Fairly magnetic ↑ with
the green diorite

diver. Chalcopyrite. One
steep sloping face up to N -
5-10' W of line.

5435 on line. Diorite ^{fine to} med grained +
with crystals of Kspar. Magnetic.

5420 Diorite with inclusions + crystals
of Kspar. Diorite weath
white but is green in
color slightly mag - Kspar
seen to be introduced as
is in crystals entered to
subhedral not exactly
inclusions.

4110 Summit ridge

3190 Flat plateau

2135 Fine to med ~~to~~ porphy
Banded granite with
fine sparse thin chalc.
20' E - W from line

2128 dike

2105 "

2100 26' W dike (diabase) at 198°
50' 5' wide

- 1+98 50' W Syenite
 2100 ~~on line~~ - Syenite.
 1+86 syenite cut by qtz vein at 125°
 Sy here is pink qtz syenite. No
 Cu seen.
 Same 10' W of line. Massive
 + with no mafic.
 1+30 "

Base line at 0100
 Went E on BL 4+00'

~~1+2~~

- BL 1+20 E Massive pink leuco sy.
 1+85 E "
 2+20 E " with qtz veins at
 125°
 3+00 Slope down to E
 3+20 E Massive pink leuco sy.
 4+50 base slope down to E

Back to 0+00 line
 Going North

- 0+00 1+00 N Massive pink leuco sy.
 2+50 Weathered quartz vein
 with coarse to med
 qtz granules some pink

K feldspar some chlorite or
 chloritized pyrox + with
 disseminated chalco. + malachite +
 azurite. Some magnetite

- 4+10 N Magnetite qtz chlorite + possible
 35' W cut by qtz vein. Some K
 spark mixed in (migmatite?)
 Also disseminated Chalco + pyroxite
 + a little malachite.

- 4+75 N Qtz vein with disseminated
 Chalco.

- 5+80 Leuco Qtz syenite porphy. Phenocrysts
 are white embedded feld eyes.
 Could be a dike!

- 7+00 Bottom gully with creek flow E
 5' E magnetite porphyry. Weathered
 cap of diabase. Patch of
 green feld + large phenocrysts of
 K feld. Prob. dike.
 Arrow with dark grey
 ophanite dike rock.

The porphyry could be contact phase

- gradational with the
previous rock type.

7460 N Bare slope. Porroite dark
grey green. mag & biotite
rich pyrox

8+10 N 12 W. Pyrox as above.

From 7+00 S went
to E to 8+00 E, N
at 130°

7+00 N, 90' E Coarse to med dark green
pyrox.

2+00 - 2+10 leuco gts sy - as before
some vein of gts.

Travelling along near base
steep slope which forms
N side of creek valley.

2+50 E Magnetite dense pyrox.

2+70 "

3+15 Pyrox cut by striae of sy (2")
5+90 leuco gts sy - Porroite

6+60 Pyrox cut by leuco gts
sy ditto (?). Thin in thin cut
by gts vein at 110°

8+25' E " Pinned by tal about 8+75 N
on 85

9+00 Pyrox.

Tuned to 220° & went S.
& went 100'.

South on 85

SE 7+00 N

Creek at 320°
Ote in bed is pyrox cut by
sy vein. Ote is 10' long

4+85 N Sy with fine den pyx.

1120 N Purple sy with curved
long phos in eyes.

8E

0+00 2

Turned west on BL for 400'

BL 6+00E Syenite,

Back to 8E

8E, 1+20S Mixed rock. Greenish or
green diorite with stringers & crystals of
pink K-spar & dim. chalc. etc.
etc here is 10' E of line

1) 40' E of line is area of
magnetite green diorite etc,

etc at 1+20 follows line for
25' & is all dark green
may pyrox here

See rock as is related to
& cut by diorite at 0+12S
cut by gdy at 1+40S.

End of etc at 1+60S

Otc goes E here for ~~in~~ interval
for 50'. Pyrox at 40'

at 50' in mixed rock
like at 1+20S 8E with
dim chalc. It also has

Small amount of K-spar & is
in pyrox
20' at 10° to green diorite

8E 2+10S 25' W of line is El post
SE on 269, SW 270

2+70S Creek in gully.

Otc of green grey aphanitic
cut by fine calcite veins
& stringers & also with
veins of ~~K-spar~~ Syenite
also sparse diorite
pyroxite & chalc. Probably
plane of diorite (?)

Seen to be foliated
Sheared (?) here too.

5+25S Creek in gully. W to S.

6S fine or aphanitic ^{green} rock
with some K-feld +
cut by syenite.

cont. Magnetite, Sph

to above but darker.

6+50 top hill

7+70S 15' cliff down to S.
Dark green pyrox cut by
sy vein, (Was here before
see other map).

Also cut by qtz vein
+ cont some K⁺ spn
crystals + spn clin chal
in places.

Cliff face is at 65° +
from where line crosses it
it ext N for 25' and S for
75'

8+10-8+80 Ote area, pyrox.

9+10 bare steep hill that
started at cliff

9+50 30' E line ote ext - at 192°
for 75 ft - to small inlet on beach

at 30' is cut by dity of
light green diorite 6' wide
vert + at 100°

~~Rock is mainly pyrox with
many small inclusions of
quartz~~

Rock is mainly syenite
with some greenish inclusions (?)

~~10+~~

10+30 Ote on beach. (H tide 10+50)
Diorite with many exsolution
of pyrox.

Tuned 160°
30' to small sy body.

The diorite breccia on beach
is variable often cont more
pyrox than dior.

20.
250' to Adit portal on
pyrox.

Sept 11th / 67

Stone Rock Grid.

8W, 18+50 S Creek flowing at 140°

Otc on NE side is coarse dark grey green gneiss with mag + cut by dioritic + aplitic dikes + vein.

Otc stretch down stream for 75' + up for 30' from line.

H hole 350' down from line approx.

15+00 Poor gneiss (dike?)

13+90 S Access trail from camp at 160°

12+20 - 10+80 Swamp mainly to W.

10+75 S Hill up to N

9+90 Trail at 140°

(35' at 140° on trail) Fine grained granite with fine mafics 5%.

(cont)

Probably a dike as similar ones occur on bench. Pink with sugary texture.

8W 8S Fine grained white g/diorite porphyry 90% phanocrysts 10% or less mafic (Ahlens). Feld is white + embedded to subhedral = kaolinized.

7+80 S as above.

Summit of hill. Flat fairly

open ground to N

4+70 Hill up to N

4+50 Med grained green mica magnetite diorite. ^{Very} Sparsely disseminated chad + moly + some K feld crystallization in vein + gels associated with the sulph.

30' W, Gneiss with inclusion of green diorite

4+20 Top hill

8W 4+00S Otc of kaolined sy
with what may be
inclusion of green diorite
making it resemble monzonite
Med grain. Non mag.

2+20 Head of narrow pond
which goes 100' at 262°

1+60S ~~Head~~ Pink, whitish
weathering mag being
med ~~to~~ grained
quartz, meneginite.
> 10% mafic (hblende)
Seems to resemble sy
texturally. No cu seen.
Small pit located here
32' E line. Otc of above.

Turned W on BL

BL 10+45W Small out
10+75W Base of cliff
Approx strike of cliff is
260 degrees

rock here is fine to med leuco sy
cut by gty veins + cont 45%
plag feld. Could be phase of
menegite. No min seen here
but has been observed

further to SW of here along
cliff face. Behind sy structure,
to W that is, is baricite.
Sy ext along cliff at least 100' NE

BL EAST from line 8E

BL

7+50 W Massive pink-leuco sy
with gty steger.
Sparse plag feld.

5+90 W As above with gty veins at 120°

2+85 W Pink leuco sy. sim to above.

2+70 W 10' S above

45' S " Otc ext 202°

For 35' to trench striking

330° + 30' long. W end of

trench is in dark grey dolo
with white feld phenocryst
trending 346°

Sparse dm chalcocite in 5ghee.

Back to line S W + going
North

8W 0+50 N 10' to 18' W of line
is ote of sy cut by gty vein
with thin chales in it.
Strike of gty is about 100°.

2+60N Picket line turns from 225°
to 215° here!

3+00 N Creek flowing at 260°
3+60 Base of steep slope.
around creek 20' to E.

4+40 - 4+70 Ote W of line
Pyrox near line + sy
W of pyrox. Could
be sy dyke in pyrox.
Contⁿ is at 210°.

4+95 Mag green botite diorite
sy 5' to W
Pyrox On cliff 50' E of
line.

5+00 N Top of cliff
From here cliff strikes at
90° and 292°.

7+20 N 20' E Mag green diorite on
cliff face. Coarse biotite
present - or fine grained pyrox.

7+75 "
line here is at 20°!
At 6+50 line is at 40°

Cut across country from about 6+50W
to line 16W.
①

2+00 W Diorite dike rock.

2+25 W Pyrox, magnetic + with
sparse malachite stain
and thin chales.

2+70 W Pyrox

3+80 W "

4+00 W Sy at W end of pyrox etc.
which starts at 3+80
Cont thin py, chales + Malachite

4460W Pyrox with irreg
crystals of K-feldspar. Magnet

6400W Summit of hill east of
main hill (with the adits.)

6450 June 16 at 4450 N.

June 16 going south.

16W 8+25N Pyrox

8100 ~~Magnetite~~
probably fine grained
pyrox. Slope down to
Mallard Bay to the north.

7450 Fine grained magnetic
chert with 20% chlor
mag. + white plug with
close to diagenetic texture.

7470 - 7455
Non mag white +
white weath. leuco
deviate or gty deviate
Ote 5' W of line.

7465 on line is pyrox with
coarse mica crystals.

16W 5+50N Base slope up to S.

5400N Fine grained pyrox as at 8
with coarse mica. For at
least 20' E line

4467N Pyrox

4435N Summit of ridge.

4400N Steep slope down to S

1495N Qtz vein cutting st of fine
leuco granite or gty sy

1480N 10' W line

Rose pink leuco sy with
dis. chloro - sparse. +
some melocrinite

1420N for 25' W of line
leuco sy
with faint pink periph
texture + cutting gty at 145°

16W 0+85N Gneiss sy cut
to 0+70 by at least 2 zones
1 to 3' wide of
barren looking white
qtz vein + stringer at
about 170°
20' E line + 20' W.

0+25 Syenite
0+20 Contact at 30° Sy cut
by qtz to E.
Pyrox cut by qtz +
sy stringer + with
euhed Kspar crystals
to west
0+10 Pyrox

Went east on BL

BL 14+30 W In small creek
ote of fine grained
biotite magnetite pyrox
a possible diorite
with Kspar stringers.

14+15W Sy cut by qtz vein +
ant diorite chalc.

BL

12+50W fine grained biotite pyrox or
green diorite

12+12W As above but cut by
many sy stringers

This is def a pyrox assemblage
~~the~~ other dark weathy
ones seen today. The
white weathy ^{green rocks} ones are diorite

12+00 W Pyrox. Dip from here to SW is 21° 40'

11+65 Top of cliff

Back to line 16 W + south
16W 4+00 S top of hill down to S

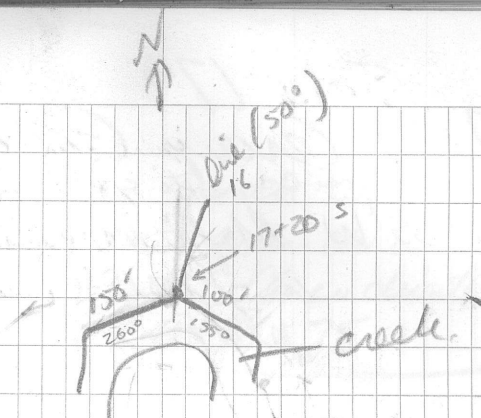
5+12 Fine to med perovskite
poor covered by addition of
Kspar. In diorite + py
In small creek.

16W 5+905 " Fine granite or
quartz diorite.
White fold med to
fine grained. Sparse
dark pyrite.

Fine grained white
15+005 Same granite or quartz diorite
17+10 Creek flung
from 260° to 155°

~~Crack~~ Fine appears
to come out at base of a
turn here

Rock at mouth of creek is
mainly quartz intruded
by irregular dikes of
fine grained granite



Sept 17th

Arm Group Grid #1

Bare line on map to grid.

2+45N 55'W Mafic magnetic devrite
in creek bed below
place on map. Also from 50-75' down
creek at 510'

June 0+00, West of 10W

0+00 10W creek.

11W, 25'S creek in steep gully
10+50W on slope is etc
of gty devrite, 10%
mafic, grey, + with
dms pyrite.

12+20 "

15+00 Tenco devrite. Light
grey.

18+30 "

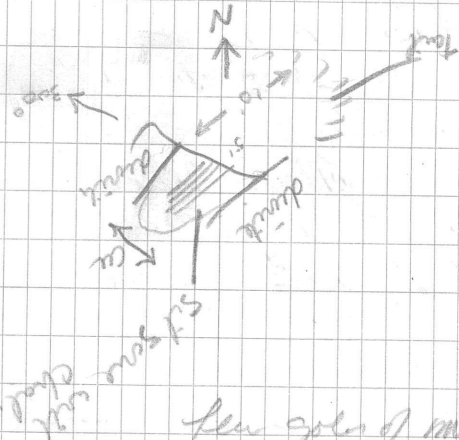
19+00 Ridge

19+10, 60'S Tenco devrite as above
but with ~~20~~ dms pyrite

19+85 Tenco devrite with 5-10% dms pyrite

19
0+00, 19+15W Trench with 3' wide
vein of dms cw in silica
cutting Tenco devrite
@ 70 E 75

Face is at 300°



few gals of massive
chalcocite
pyrite in Tenco devrite
beds zone.

35' at 240°

Partial of 3' bed in same
zone at gcr. in at 220°

0700 20+00 W 5' N. Small ote
pit in Chales being soil
zone as above. Barren
leuco diorite to W.

This called #1 cut.

21+70 W Small ote leuco diorite

22+00 ~~o~~ creek in gully
flow N

Ote. leuco diorite
with den chales + pyrite
and galena - very sparse.
Also in float.

May be calcareous rock
here too - check.

22+40 small ote leuco diorite

25+50 ridge
20' S ote of leuco diorite
Med grained + with
much rust replacing
possible sulphide

o calcareous. Weathered deep.
Very sparse frags of pyrite
in rust. Should be ground
up here.

Took gravel sample for
this ote.

Turned South at 22+75
to line 4 S at 23+10 (430')

2400's, 150' W to Swamp at head creek at 22 W, ON.

line 4 S going E

4S 25+00 W Ridge
24+00 ote leuco diorite as
at end of line 0 with
rust patches etc.

Dimen pyrite + sparse
chales on fresh surface.

Horizontal slickens at 160°

23+00 Prob ote leuco diorite

45, 21+80 W

W side of swampy
clearing which shows on
photo. Line goes through
middle. Could be as H line

20+00 (100' N) to possible old cl post
in middle of bog.

19+90 E side bog.

19+00 EW cl line follows
about 10' N of 45 line.

10' N poss small ote leucodinite
with 10% dis py. Took
sample to check for CuMo

16+55 W 20' N

Glauco diorite - patches of
rust. ~~cut~~ Cut
by 1" sq vein (took
sample). This vein
small and but dis
chalco as at Stone Rock.
Sq is purple here though.
Poss small flecks
of galena too.

45

14+50 W

Creek along NE 40's

14

"

10's

13+70 creek along NNE.

Ote a creek bed from
about 14+80, 30 or 50 ft S
to about 13+90 W
is leucodinite as above.
Cut some rust & weather
pith because of it. Color
is really blue gray.
Sparse dis py. in it.

Some thin bands 2 or 3"
across with dis py & chalco
at 290° + west

13+20

10's on E rim of gully. Glauco
diorite as in creek.

This has ~~ad-~~ lenticles, as
in other places where it
occurs that suggest pieces
of calc material -
should be checked.
Sparse py here.

45 11+90W Leuco diorite.
" with small amount
9+60 K sp. res.

N down creek crossing ~~line~~
line 45 at about 210' W.
Leuco diorite not to sil
at line. Cont. clin. chal.
& py but not much.

Creek goes at 10°+ from line 4,
~~10-20'~~
20' at 10° ^{sp. pyrite} clin. py. & chalc.
leuco diorite
30' K feld. patches ^{with} some
mod sil. & mafic diorite
to on E side creek.

75' Leuco diorite as before.
~~at~~ end of outcrop area

135' etc Leuco diorite

147' etc diorite sim in text to
above but more mafic
10% or so.

Creek bed going N at 10°
1+60' Leuco diorite cut by
small irreg. shaped
light grey siliceous
ophanite dykes (qtz diorite?)
at 60°. No min.

1+70-75 Leuco + mafic diorite
Some clin. pyrite

345° 20-25' Hblende diorite (the
F mafic diorite above)
Some Leuco. Very
sparse pyrite.
100' creek splits here
200' cross line 0+00 at 2W

Arm Creek

September 19th Tuesday
 (John Lloyd to move to
 base camp today.)

Went on line 8 south

- 8+00 S 0190W Small otc leucodiorite
 2+00 Creek floor N.
 Otc SW of pocket. Rusted
 leucodiorite across line
 to N. Stretch 8° S
 & also at 2+10 W on line
- 3+00 W 10' S lin. leucodiorite
 4+00 leucodiorite
 4+50 Creek N.
 Otc in creek 25' S.
 to about 50' S. Rock is
 leucodiorite with sparse
 diorite - some Hblende
 diorite 10-15% mafic
 with pyrite - sparse thing

40' N of line creek turns to NE

- 8S 5+40W Face going at 320° for
 40'. Rock is med grained
 leucodiorite. Occasionally
 has purple tint - white feld
 phenos in dark grey matrix.
 Some xenos or pebbles of
 slight incline of slightly
 darker rock (diorite) are
 also present.
- 11+00 W Ridge (small pinnac N of
 main ridge) Down to W
- 14+65 W Rusty leucodiorite float
 15+80 W Creek gully with otc
 Rusty leucodiorite. On
 fresh surface this is blue
 grey leucodiorite with
 diorite pyrite. 5%
 more general
 + occur in other sim
 outcrops to N and E

88

21+20W Creek flows NNE
 22+00 Otc rusty leuco diorite
 24+75 ridge NS.
 25+10 Steep slope down to E
 15' S. Leucodiorite on
 rim of hill.

Went south

25+00 100' S - 125' S - otc greenish
 leuco diorite - not like
 the rusty leuco diorite -
 no rust patches & whitish
 to buff weathering, not pink
 - brown

150' S Rusty leuco
 diorite (bit locally
 rusty not general as
 above) Sheared.
 Ho slick, at 150°

170' S Leuco diorite

220' S, 20' W. "

356 S - 390 S Otc of blue
 grey leuco diorite with

both white & rust weathering
 contain patches of clin
 pyrite 10-20%. Fine to med
 grained.

125' to 125 24 W

June 12 S going E

125 24+60 - 24+95 Otc area jointed
 fine grained leuco diorite
 or dacite with fine clin
 pyrite in places. Broken up
 & jointed. Rust - white
 weathering.

24+20 Creek flows N.

22+50 Subordinate ridge

22+00 Otc - light & dark grey
 leuco diorite. No mafic
 Py & chlorite seen in
 dark grey rock. Some
 py in light stuff

Rusty diorite here

resembles the rusty diorite
 on previous line. The
 dark grey diorite here is
 the rusty diorite and
 is texturally similar
 elsewhere. The dark
 grey rock is coarse crystalline
 in place and may be cut
 into the light

125, 20+45W, 40S ^{white} Ruco diorite cut by qtz veins
 Otc ext 60' further south.
 20+00 25'S Leno diorite

18+00 Otc Leno diorite ^{vertically} sheared
 at 210° + with qtz vein
 at 200°. Pyrite + Sperrin
 chalc in shear
 Rust weally

17+00 Magnetite bearing diabase
 dike. Prob strike 155°

16+45 Creek N in gully

125, 8+65W (Crest in gully flow N
 Otc 15' up creek from
 line + on line at 8+75W
 Rusty Leno diorite
~~fine grained~~ Blue grey in fresh
 surface with thin pyrite
 Took sample

7+00 W Rusty, med grained Leno diorite
 6+45 W light grey amphibole dike

4+15 W, 20' south. Lowest pt. of otc of
 Leno diorite + also Leno
 diorite med grained L.
 Ext at 254° for 50'
 149° for 50'

7+40 Leno diorite
 2+20 creek in Cu float
 2+00 Sil diorite - no mafics. Some
 thin chal. Malachite.

Otc ext 20' S. with Cu
 mineralization - Rusty and.
 Sheared at 140 E64
 Gts of malachite

125 0700 Ote leucodiorite with
thin chalc. est 150' at 200'
from cliff 50' high here
Dior can appear to occur
in gty or highly sil diorite
Possible shade of sil
zone in 400 west
Contact of thin vein of utill.
gty in light grey to
white sil rock with
faint grey mottles

125 0460E Chalc. diorite in stringer
in gty deficient rock
leuco diorite appears marginal
Ote stops here but
occurs further uphill
to S.

0485E - 1405E ~~1405E~~ ote S line
leuco diorite. Spume
chalc mafic. Poss
small art K span.

1430E "
2400E "
2410 - 230 "

125 2430E - 3E Massive white
weathering med
(also at 0150E) gneiss leuco
granite or alaskite
No mafics.
Faint pink to light
grey feldspar.
"
float of albite to
occurs about 6E.

7485E

Contact between diorite + granite
or Alaskite may be gradual
as patches of one
appear to occur with areas of
the other.

North on Base line from 125.

BL 11+50 S leuco gty diorite
cut by gty stringer.
Generally massive &
white wath.

10+60 leuco diorite. Med
grained. Poss some K
spar near. Mica, like
Margarite.

10+46 Zone to #2 Adit due E.

Sulfidized leuco diorite
with dr chalc. at

10+46 S, 1+00 E

etc ext from 90 to 105 E

45' E leuco diorite, 25' E leuco dior.

5' 1+65 E #2 adit at 220°
5' 75' E

1+68-1+80 Massive med to fine
leuco diorite or margarite

9+50 - 9+40 leuco diorite or margarite

9+30 along BL to 8+34
leuco diorite and above

Rock is cut by thin gty
stringer.

Spence diorite at 9+00 S.

8+34, 35' @ 150° Zone of min gty vein with
apparent strike of 210° in
leuco diorite at E end of
etc & on cliffs at N face.
75' from here ~~to~~ at 105° to
etc leuco diorite cut by
diorite diorite.

See prev note for details
on this etc.

Wed Sept 20th

Mac Grid

BL

0+00

Bare line tubes from 0+00 to NE at 45° T.

Pickets are numbered & run 0 to 12 W in an NE direction from here.

Cross lines are numbered 0-10 S in a NW direction and 0-8 N in an SE direction.

Went NW along line

~~0+00~~ 0+00N 1+30W

15' N line. Med ^{Quico} ground at Mangrove

2+80W

60' N line. Chopper Pad.

3+00W

60' N line. As above.

3+10W

55' N line. Tent

4+90W

Mangrove

5+95W

Creek flows 348°

0+00N 8W

Distance above @ about 20°

8+40

Mangrove

9+95-10+10W

Mangrove

Tuned to 45°

60' N, Mangrove.

2+25 N Creek from 190° to 340°

4+50' 4N, 8W

E on 4 4N from 10W

4N, 2+40W

Mangrove

0+25W

Creek (see below)

0+28W

60' N creek with 1/2

irregularly gty vein at 266° & vent - in

Creek goes at 256° from here for 35' ft to gtwartz moly chalc vein 1 ft wide in shear zone at 248° & vertical

Host rock here weathers rusty
+ has med grain + text
like megacrite. No K spar
def seen though. Felds
are all ^{pea} agassiz, no mafic
Otc cut up creek for
10'. Rock is a leucite
diorite here.

Turned S on BL

BL 1+50 N 30' W line, 30' + 60' @
240° to Megacrite.

~~4+25~~ East on 0700
0700 4+25' E Rhy or dacite
porphyry float. Med
grey aphanitic
matrix with coarse
rounded phenocrysts of
white feld.

5+30 E Leucite diorite float.

0+00 5+60 E, to 20' N line
Otc of dark grey
fine grained diorite or dacite
+ fine diorite porphyry
cut of dark grey matrix
+ light grey phenocrysts.
Weather white. Not like
the green diorite in
creek near showing
pronounced joints
at 240°. Slightly magnetic
+ cut some rut patches.

0100 7+10 E Fine grained blue
grey leucite diorite
with sparse diorite
py, chalco + Moly
See samples.

From 0+00 to 150 c west
@ 45°

60' Otc in stream along
330°. Fine blue grey
leuco devite as above
+ with abundant fine
dian pyrite.

Faintly mag. Took
sample.

150' Greenish grey med
grained leuco devite
with dian pyrite.

300' 4N6E

4N6E, 10' Blue Buff weath, path to
buff leuco devite.
May be menegonite
but prob. weath'd
devite. Med grained

4N, 7+55E Green devite, 5-10%
Mafi, most patches.
Med grained

4N, 1+70E Creek
to # 340°
from 170°

Otc in creek here is
med grained, greenish
devite or gty devite
with lots dian pyrite.

up creek.

30' ~~Otc~~ gty vein @ 90° +
vertical

35' gty veins breccia
in devite at 150°

Rock blunted here.
is devite - greenish
with serpentized fold.
No pyrite

from here 10' @ 240°

175° for 10' Rock as
above + with dian pyrite
Chalco - sparse

Banded gty V @ 283°

18' from ^{above} Dian with dian py.

50' from the gth vein is one of
dunite with clin py + mag
spene. took sample
- see chalc. too?

40' further above. Dunite
as before with clin py.

from this pt 100' @
45° to 4N, 3E

From line down creek
45' to Cu Mo show
described earlier. &
planted. See notes.

BL North

BL 0+50N small creek of the
Mo vein.

80 Main creek at 140°
Junction 10' up creek.

Rock in creek is
Magnetite.

Ore of Magnetite ext 40'
down stream.

Contact between this
& the py bear. dunite
is about 5' down stream
to N' from line of contact.

West on 8N

8N. 7+50W Creek at 170°

Ore up + down for 30'
in Magnetite.

from 8N, 9+00W to end
of 5+50.

150', Creek at 15° Magnetite
up + down for 50'

300 Ore Magnetite
10' to 12N 8+40W

East on 12N

~~8N~~

12N 5+25W Monzonite

12N 1+32W Cl lin at 106°

S on BL from 12N

10+30 Dark aphyrite drite.

10+10 white str. drite.

Med grained.

8N Going east.

8N SE creek at 54°

4+50 Blange line at 10°

6+00E Pyrite bearing blue gray drite
float

7+60E 10' Fin grained green gray
drite.

West on 12N from 8E

12N 8E Creek flows due N.

12N 4+50 E creek at 95°
etc of Med grey drite.
Fin grained with
blue grey color
5-10% mafic, + some
phenocryst of light feld.

12N 1440E Cl line at 12°

1+20E Green drite
por etc. Partly +
very sparse drite

from BL 12N, 76° 120 ft to
Cl part.