020550 ★ - denotes geochem R. Chaplin

Index Aug 19th - Sept

Rose Ck - Y.T. (Faro Camp)

note: prefix BC - indicates a soil, silt, or rock sample

: suffix R. indicates a rock sample

: suffix S. indicates a soil sample

TRAVERSE #1 A-12182, Mos #1

Geochem BC 1-8

★ TRAVERSE #2 A-12245-78, Mos #1, 54-7

Geochem BC 9-22

★ TRAVERSE #3, A-12182-130, Mos #4

8-10

TRAVERSE #4 - A-12252-30, Mos #6

11-13

★ TRAVERSE #5 - A-12282-184, Mos #5

14-15

★ TRAVERSE #6 - A-12203-392, OLD Mos #4

16-17

TRAVERSE #7 - A-12282-38 - Mos #7

18-19

TRAVERSE #8 (see F-N-29-8) 20-21

INDEX.

INDEX – GODWIN.

DATE	GEN. LOCATION	GEOCHEM NOS.	PP.
SEPT. 10/65: Most E'ly	ROSE MTN FOLLOW-UP	CG1$ to CG46$	29-34
SEPT 11/65 2nd most E'ly		CG47 to CG95	35-41
Sept. 12/65 middle		CG96 to CG144	41-47
Sept 13/65 to W		CG145 - 144	48-53
Sept 14/65 most W'ly		CG146 - 201	54-56
Summary Rose Area			P56

WEATHER: UNSETTLED VISIBILITY - FAIR

Aug 21st /65

DYNASTY

NORTHWESTERN RECCY

Sheet ①

TRAVERSE #1 — Plotted on Mosaic

photo center A-12182

E side of TAY RIVER, between Fishhook Ck and Coward Ck

— ELEV'N CAMP — 4000' AM

A.M
Chopper Route — Camp → south side Rose Ck — at break in slope. to confluence with Anvil Ck, & down Anvil Ck on south side, with crossing towards headwaters of Fish Hook Ck — swinging north around west side of Tay Mt.

(see other side of page)

— Δ2 — O.C to south — 2000'
to east — 1 mile
SE ½ - 1 mile

appears to be reddish coloured banded phyllitic (silic - argillaceous) containing pyrrhotite, in addition to a dk. col. qtz - bio - sch with pyrrhotite

Elevn - drop out 5250 - △·1

— Rx - granodiorite, with minor amts of rhyolite ± pyrite - ± pyrrhotite - bearing biotite sch noted in float -

Between △·1 + △2 (see air photo overlay) —

- Sample BC TR -

po-bearing dk col qtz-bio. hornfels

CU Pb Zn

30,12,70 BC-1 - silt - (sand + pebbles) 1/sec stream containing mostly sl to mod. rusty - mot. banded silic bio - sch rocks + mot. granodiorite.

25,10,130 BC-2 - silt (sand, + pebbles), similar in all as BC-1. sim. sized stream -

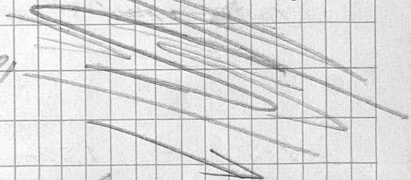
37,10,260 BC-3 - sandy silt - elev 5000' 5 a sec stream - boulders mostly biotite grade sch. + some granodiorite

— Due south ½ mile in
bio-grade sch — minor rust
in — 230/20SE — attit
of foliation

BC-4 — 1 cusec stream —
45,10,160 sandy silt — in —
silic argillaceous banded
phyllitic rock with minor
pyrite — Note — biotite
schist less common in
creek boulders

BC-2R — o.c. north side Ck
elev 5000' ± —

295°/25N



with iso.
drag fold indicating
rel. movement
such that the
upper part of the bed
moved southerly (up the dip)

— rock — dk col seri-qtzitic
phyllite

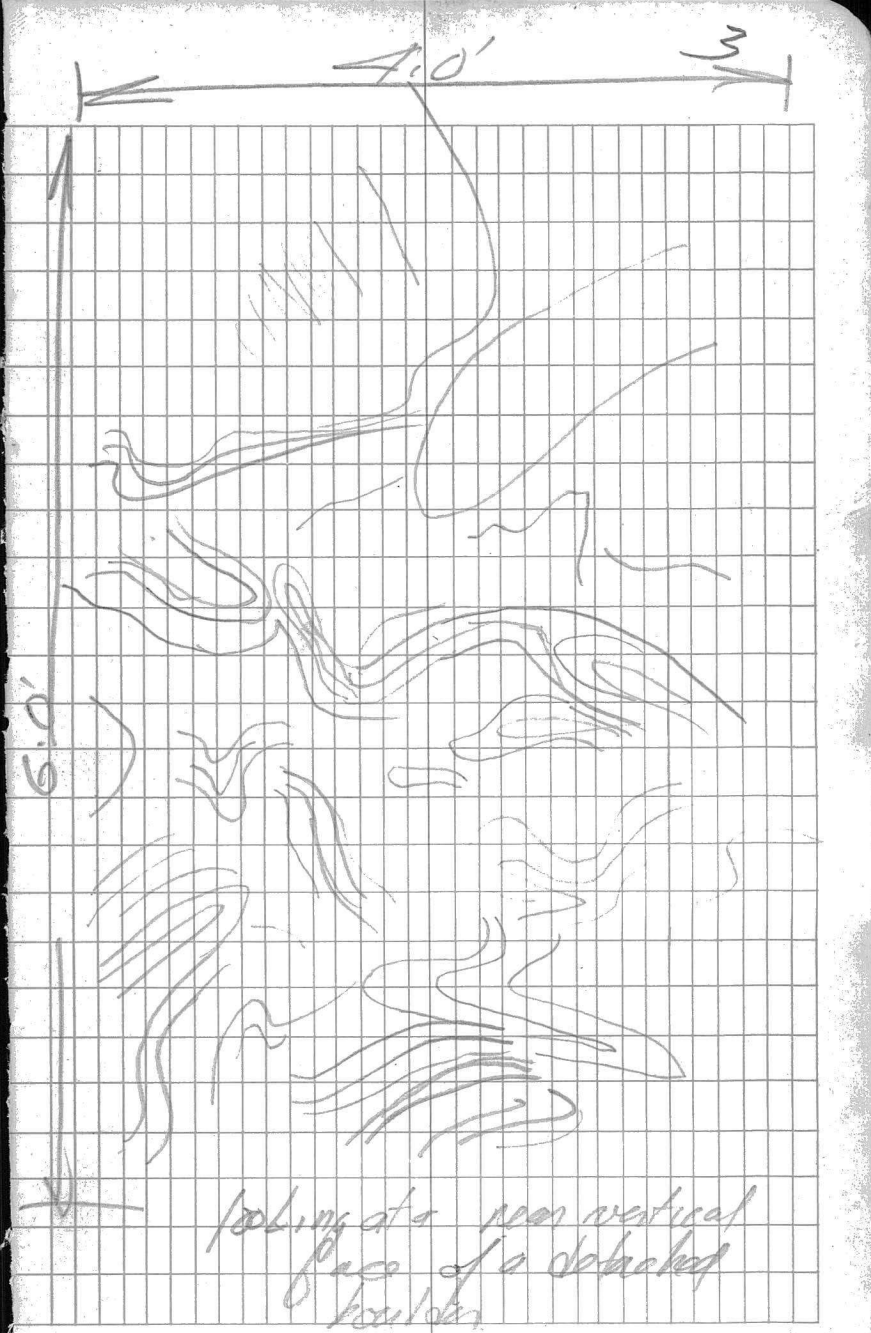
N15W/ Flat east - comma foliation
- elev 5100

080/10N — dk-sil. hornfelsic rock, mica pyrrhotite -
(poss within the biotite range of met - or below — the rocks seem to date all in a higher met. stage than the sericite + graphite schists of Vangorda area

△A- elev 5250'
highly contorted sl. rusty siliceous - hornfelsic phyllite.
— — contorted to the point of being brecciated - one good face ~~outcrop~~ shown taken.

BC-5 — silt - 4 cy sec stream
45,12,170 rocks - m.g. bio granodiorite
- hard cherty phyllite and minor pyrite + pyrrhotite

BC - 6 - sand - from - sluggish
5,12,70 flow area - hard to sample due to organic cover.



looking at a near vertical face of a detached boulder

△5 - elev'n - 4800' -
bio-grade sch. - sl. rusty
255°/15°N
285°/15 N
120/20 NE

BC#7 - sand - lower end of
30,15,110 [illegible]
from Tay Riv.
Tausco -
met. m1 (bio grade) + granite
most common - elev of
Tay - 2300'

BC#8 - Main stream Tay River
25,15,150 silt - 1000 cu sec stream

u vee 3,00 ... ue 150 x 2

Aug 22nd/65 Plotted {X pt
TRAVERSE #2 Mos. #15 } for mino. details
photo A-12245-78

North Fork of eastern most Fork of Cenvil Ck from swamp → down stream. - Located approx 15 miles N 20W of the peak of MYE Mt.

Camp - elev 3800' (200' low)

dropped at elev 4100' on stream

△ 1

a 2

(70) 10 (320) - BC-8 silty sandst clay argillite schistose particles most common - in active channel, 4 cusec fresh cool water.

[not much graphic seen noted]

24, 27, 35 - BC-9 - 10 cusec - sand from side

BC-2R

060/12NW - f.g. conglom- argill-limestone - pebbles stretched ll-el to schistosity

BC-10 - sand - 4 cusec stream
40, 20, (360) - pebbles - argillite

BC-11 - main stream -
(100) 24 (950) 15 cusecs - silt, note that stream is rock bottomed with mud banks ∴ silt may not be entirely active, but composed of inundated clay-silt bank material at water line.

BC-12 - west flowing (east to) main stream - 6 cusecs
(110) 25 (800) - stream mostly gravelly, & granodiorite - samples coarse sandy material

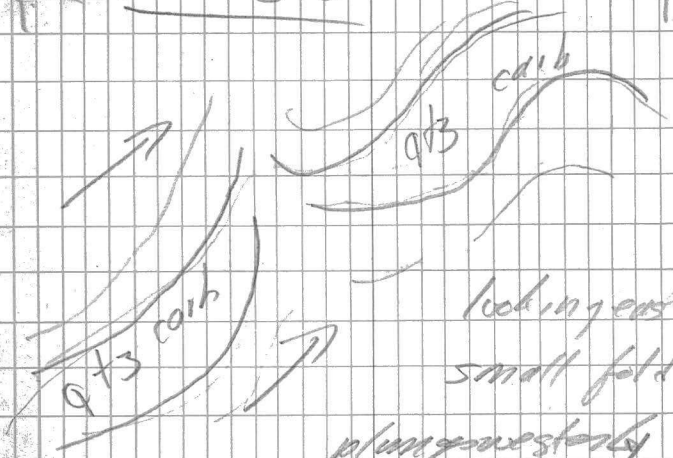
---

△·2 - 2 rock types, elev 4150 (really 4350)
BCR-3 foliation 175°/25W, arg. limestone conglom
lineation 305 @ -20
- dk grey calcitic silt with qtz sweats
(3) (60)
BC-13 20 cusecs - sandy

170°/25SW – f

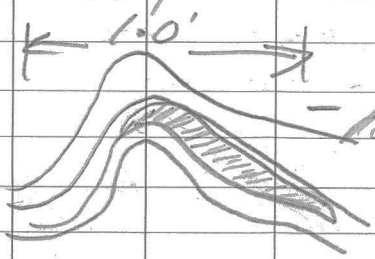
lineation 290-@-20°

— sed. str on top of conglt.



In general schist is open folded, with tendency for north limbs of the main folds to be slightly steeper than the easterly limbs of west plunging main folds. Qtz veinlets "bedded" & rel. persistent - not sweat-like & tend to follow "bedding" for most part. Qtz sweats of discontinuous break off along steeper side of small fold

BC-14- 1/4 coarse sub stream (120) 27 (85) flowing east-ly @ Δ·2 silty sand.



Note: carbonate appears to be later than qtz in the qtz-carb. stringers

— below the sed st — green chlorit
phyllitic in resemble
marginal phase of greenste —
texturally the greenstone
appears dull to slightly
sheeny — tuffaceous type
of green stone. — is in
part amygdaloidal about
500' downstr.
f/n — fair 230/20N
260/35N
l — 310 — 30

---

(10) 25 (1100)
BC-15 — main stream
sandy — 30 cuse

(80) 25 (1200) BC-16 — dark grey banks
— of soil, may be breakdown
from graph. sch —

BC-17, main stream —
10, 15 (225) right bank below
dark soil

BC-18 - westerly flowing large trib - 30 cu sec
24, 18, (400) silt & sand -
boulders in creek
composed of variable m
incl. granodiorite,
with greenstone, & smaller
pebbles of qtz & sl.

BC-19 1/3 cu sec stream
25, 18, (410) 100' below confluence -
- this small stream drains
easterly into the main
stream - draining in
part a possible o.c
area a few hundred
feet westerly of main
stream -
Sediment is a good silt
sample

(6, 13, 180) BC-20 main stream - 100 cu secs?

(10, 16, 180) BC-21 - small stream
1/3 cu sec west side

good silt sample

OC - opposite (east side) BC-21
— unfoliated greenstone although
poor lineations 300° @ -25°

— 300' south on east bank
a minor slide indicates
sericitic sch nearby

—120°/55N — fi

— low westerly plunge
to minor fold

BC-22 - small turtle (silt)
25/16 200 east side where sericitic
~~sh~~ — sch → pink colored
+ hard (silicified
Rock Sample BCR4
— altn - silicification,
+ carbonate, Py
may be overlain by
a greenstone

Attit - poor due to fe. common type o.c. - may be 075/25°N.

---

greenstone develops an igneous dioritic texture at locn △·3 on photo

– small area of buff col. greenstone on west side of stream 300' below △·3

---

from Chapman - sch. steeps in that rocks dip 40 to 60° to the SW.

a few miles S+E of Batterpoint rocks dip northerly at low angles

12182
130 8

Aug 23/65

TRAVERSE No 3 #9

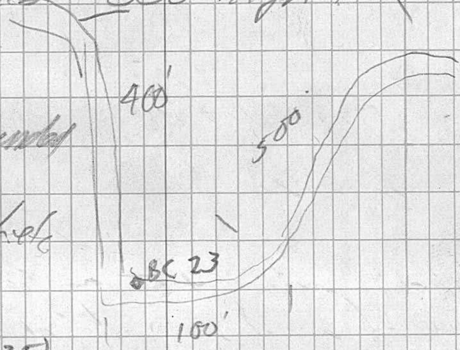
dasin camp 4000'

See photo A-12182-150 (overlay)

Landed on Anvil Ck elevn 2600

(30, 14, 280)

BC-23 - Anvil Ck - muddy silt flow approx 200 cusecs, high silt & gravel terraces on each side - main Ck flows N, here terraces 350' high



boulders
- large - rounded granodiorite
- smaller - schist

adjust locations of samples 23-25 incl

(20, 14, 225)

BC 24 - seep in silt -

25 - small, seeping gulley in same slide area as BC-24

(60, 27, 800)

— Note BC-23, spotted from Δ1

(8, 10, 75)
BC-26 } seepage to surface from
BC-27 } flattest area on top
(10, 10, 90) of silt terraces.
Good muddy silt

BC-28 - flowing stream
(12, 12, 95) 3 cu secs - sandy
- in - intrusive - mostly
granodiorite with some
(~~fe~~ feld. porphyry) or
porphyritic w/ containing
2" feld. pheno cryst -
smaller stones are sch for
~~most part~~

BC-29 - on ~~west~~ east side
(2, 10, 85) (elev 2950 -) of ~~South~~ - flowing
creek - in spruce grove -
seepage silt

BC 30 - S-flowing ck elev 2800
(30, 8, 250) 30 cu secs - into m common
also greenstone & meta (bio) m
minor sch noted
- sandy silt

9

about 300' below sample, on west side ck., passed on old (ancient) composite

(15, 8, 105)
BC-31- dump area- formerly drainage route for creek, now dry - sandy silt

BC-32- 1/2 way stream 200' south of BC-31, covering
(35, 10, 250)
similar drainage as BC-31

BC-33- main stream-
(24, 8, 210) Sandy - 30 cc assem
cn- intr. mostly (granodiorite)
- high gr. sch
- phyllitic argillite
- very minor semi-sch.

500' sw of BC 33- oc
bio - sch 260/40S

also hard banded cherty rock
060/45 SE
290/35 S

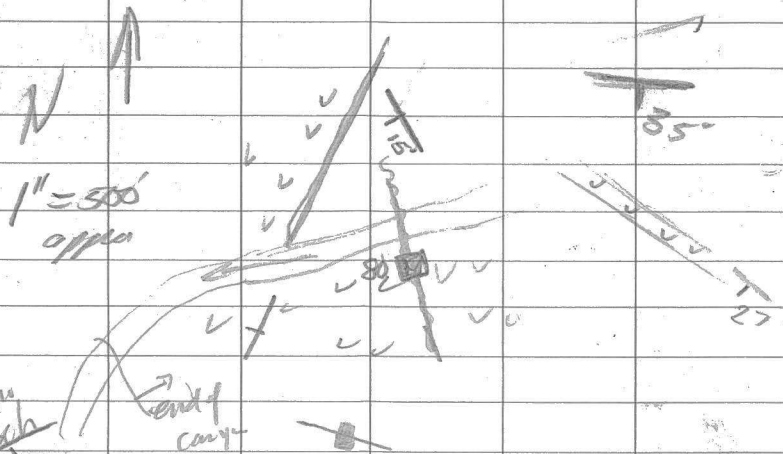
Mfr. sills 110°/27°S in canyon impacts mod rusty color → extensive rusty mfr.

— jts 100°/30S

shearing in mfr. 200°/80W

(⊥ to creek at this point in canyon

BC-34 - on entering rusty zone (29,8,100)



BC-35 - below gossan

R4 8,150)

20-30 (fissile - bld sch

minor bedded faults noticed.

500' upstream from Anvil Ck
oc on east side
110°/355
sericitic - chloritic variation
of the rocks exposed upstream

(25, 20, 150)
BK-36- Anvil Ck - 200'
up stream from traverse
Ck -

11

Aug 24th/65

TRAVERSE #4 Mos #6

TWOPETE Ck-1 Plotted

Rainy Day photo 12282-30

dropped in meadow on east side of most prominent [illegible]-at elev'n 3275'

- dropped at 8:40 AM

-

Note John French's area of drop out - appears to be a rusted contact zone, with prom E-W/st. South joints

- intr. [illegible] at heliport - north side of valley - porphyritic granite (large feld. phenocrysts) with biotite. - the rock tends to crumble easily (but not hyd. altered)

BC-37 - damp soil draining (2,10,150) into [illegible] - sandy

- Jts N-S/ST East (prom)

- Some rel. rich biotite bands found to be gentle northerly dipping

(2, 12, 140)
BC-38 - main stream -
10 ~~????~~ - sandy -
- pea gravel, well mixed
est. reddish, indicating
some altn upstream - no
large boulders !, poss. intense
fracturing up stream. -
South side of stream by BC 38
mtn. m., crumbly + felt to have
a greenish stain (pea green
not chlorite

SE of landing meadow - talus slope
black chert with diss. pyrite
- dips on cherts - flattish
to the east

(5, 15, 600)
BC-39 - side stream south side,
draining ~~area~~ close to
John Frenchman ~~????~~
- ~~????~~ clampish - sandy
(2, 12, 160) material (side channel)
BC-40 - main channel of site for
BC-39 -
black cht above

— contact on large creek wall
N-S prominently 335°/75E

— downstream R. bank cliff →
cruddy, coarse banded blk
white qtz to (Chorhfels?)

— 1000-1500' downstream from
contact – clts N/30E

(5, 8, 180)
HR-41 main stream – sandy

△·1 elev of fracture zone 3150'

1st impression — fracture

trend N-S / & dip steeply east,
approx ‖el to rather sm contact.
Rx in fractured zone
grey colored, with buff-colored
dykes, cutting the grey rocks –
the dykes appear to strike
sub ‖el to creek course & (qtz carb)
dip southerly. (dip slope)

— gossan very weakly developed

talus - reveals no sulphides other than
minor pyrite. (10,20,160)
Soil samples BC-42 & 43
granite talus (6,8,20)

jts in intr 315/30E
N/80E

(4,10,135)
BC-44 main stream - on
south side of stream rw- bl. cht.
with minor pyrite along
bedding - on north side
of stream - contact trends
approx N-S, about 80e
west of lunch spot -
attit of cht on North
side of Ck 310°/20 NE

(8,10,200)
BC-45 - south side trib.
silty sand (small trickle)
mostly cht boulders, with some
rounded porph. intr. boulders

From △-2- looking 315° at
east end of possible gossan
— profile in background

at loc'n 2 - in black
fissile rusted ss - are little
bit of malachite noted ??
The fissile ss are overlain by

hard. dk dirty brown felsic rocks
- + grains upper westerly -> intrusive
(4,10,115)
BC-46- main stream, slightly
upstream from gossan

(10,8,200) (20,20,450)
BC 47, 48- soils from north
slope in vicinity of
white sill where very minor
[illegible] [illegible]

South side main Ck - intr. [illegible]
- also lowest point on north side
valley is intr-.
(24,12,350)
BC-49- soil from hill near gossan
as noted on photo
(8,8,110)
BC-50- silt- side Ck at gossan
3 cases
Sandy,
- boulders mostly intr.

~~order~~ Plotted on

TRAVERSE # 5 MOS # 15

~~(20 miles North of MYE mt~~
~~photo A 12186 - 259)~~

see photo A-122

MYE C4 - See photo A 12282-184

6 miles due North of MYE PEAK

down of Fairs Camp 4100

(8, 65, 160)

BC-51 - by chopper drop out

Cl - 20 ausecs - silt

(20, 90, 750)

BC 52 - 2000' downstream

(8, 70, 500)

BC 53 - main stream - 25 cusec

BC 54 - dry'd up gulley (sandy
(20, 15, 230) on north side

BC 55 - trickle in gulley North Side
(20, 25, 230) Sandy

BC - 56 - very minor seepage
(10, 29, 145) 200 east of BC 55

BC-57- (20, 60, 270)

BC 58- seepage north bank-
(19, 18, 90) 300' east of BC 57- taken
because of dark gray
(graphitic ??) color of sed below
glacial material

BC 59- 3 cu sec stream north side
(8, 12, 110) sandy silt

BC-60 5 cu sec stream, N side
(24, 12, 150) coarse sand

BC 61- mainstream - near pass
(15, 18, 650) fine sand & silt

BC 62- South Ck 1 cu sec -
(10, 6 350) 6" of sand & silt & peat
- 75' from stream from BC 61

BC-63- dumpish former channel Ck
(88, 110) south side
sand & peat common

(20, 13, 165)
BC 64 - Seep south bank
500' west of BC 61

BC - 65 - South side small
(8, 10, 95) trickle
Sandy - seep s.e. [illegible]
common

note lower part of BC 65
on main stream by steep slope
bank composed of rotten Ck
col. sch. - if in place, the
sch dips southerly at low
angle.

Aug 26/65

TRAVERSE #6 Plotted ~~MDS~~ #4

~~photo A 12282-37~~

~~photo A 12186-244~~

L ~~Vangorda (Kerton Ck Headwaters)~~

- Faro Camp ele - 4050 -

photo 12203-392 — Gal/Ep

SE of Faro Camp about 5 mls
near cat track - with
John French

→ West Side of Cat track Ck

BC-66 - seep - west side Ck (125) 25 (1500)
ele 4075'

Sandy - seep

(25, 12, 170)
BC-67 - dry channel -
semi sch common.

(65, 25, 800)
BC 68 - main channel in
willowy area - good
flow
2 grey silt

(19 19 200)

BC-69- S/do seq- buff col
sem sch- showing effect
of carbonate and
silicification -

400' NW- oc sem-sch
(contorted)
- f_1 - 340/40W
l_1 NW/-25°

200' N- 305/55w- (small oc.)
highly contorted ??

- by creek- dk grey
sem-sch 195/40w-
a lam by chl. sch.
l_1 - 310/-25°

100' f_1 180/60W + 50' west
→ 220/45w

300' N 200/40w

(23, 8, 150)

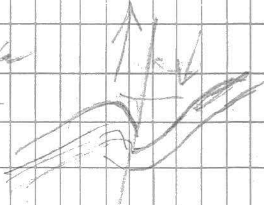
BC-70 - main stream

lower - good silt

@ intersection

mini fault f1 - 185/35

065/85 SE



- a little qtz felsp porph float noted near BC70

(27, 12, 50)

BC-71 1000' N of BC-70 - on sandy silty side seep - from the apparent valley

(38, 15, 20)

BC-72 - silt from seep 500' N of 71 mariposite alt'n to schist sample taken

BC-73 - main creek - near

(25, 15, 90) BC-72 - gill

Aug 28th/65

Nos 1 - 7

TRAVERSE No 7 - A-12282-38

- Start survey at 5500' elev.
= camp elev. 4900';

- headed on moraine about 1 mile south of valley's upper divide
- elevation of 4700', First Grizzly Ck

RV - to north - ridge?
east - steep, to low rolling valley
west - rolling - no. o.c rocks

BC-74 - valley bottom - moss
dry - damp soil
RV - rocks

BC-75 - CK - elev 4500'
upper limit of permanent surface water
- 1/2 cuse - org. silt
RV - rocks boulders
- RV in place on east bank - appear blocky (too foggy to identify that)

BC-76 - main Creek - 10 cases
mtr. broken - coarse
sandy sand
close to 4100 [illegible]

BC-77 - 100' west of BC-76
in 11th gully [illegible]
[illegible] sampled [illegible]
— ½ case
sandy silt
— [illegible]
with small pockets
of [illegible] s-l

BC-78 — trib. flows from
330° - west side - (
of main stream -
1 case - mostly
[illegible] in bottom
Sandy silt

BC-79 NE trib to
330° trib - elev
4100 - mostly [illegible]
coarse sand
— minor granite (→ qtz dior float)

BC-80 - main stream -
elev 3900 - at base of
brush - covered moraines
(lateral) from main
valley -
flat in creek bottom
with no [illegible] moraine
- sandy - 15' wide stream

BC-81 - trib - banks damp
damp sand - no flow
- 5 ft upstream -

BC-82 - ~~sit~~ side seep
500' down stream
from BC-81 -
right bank
sandy

seep [illegible]

BC-83 - side seep - silty
BC-84 - side seep - near [illegible]
[illegible]
BC-85 main stream sandy
elev 3600 silt

BC-86- N side
1/4 cusec
200' [illegible] shist

BC-87 - main [illegible]
sandy [illegible]
large [illegible]
[illegible]
[illegible]
schist

trail 3300

BC- 88 - [illegible]
25 cusec
[illegible]
elev 3100'

BC - 89 - [illegible]
elev 2950'
sandy silt

BC- 90- [illegible] Ck above
First Grizzly Ch
silt - 50 cu sec

Aug 29th/65

TRAVERSE #6 -
NE GLACIER LAKES
with J. Fanley - using
John's Geodemic numbs
system F-x-29-8
Photo No Mosk

F-5- main stream - silt by
beaver dam.

F-6- - s/b stream - 15 cu sec
sandy silt
- in- competent, dark
colored bended rocks,
+ rock in- some
dark + sl. serpentic
phyllite - very
mino with in

F-7- s/b silt - damp area

F8 - main stream
30 cu secs -
elev 3360 -
~~sandy~~ Sandy

F-9 - - side ck - ex/sec
1/2 cu/sec
black slatey argill. in comma
↑ - sandy

F-10 - side ck 1cu/sec -
with abundant rust, encrusted
on boulders -
good silt - 1A -
predom. arg. black sed
with minor phyllite -
+ foranded porphyritic
intrusive rx
Note: this silt will
probably have a very
high Fe_2O_3 content

F-11 - mouth of F-10 creek
elev'n 3200' -
- silty sand

F-12 - main stream
elev 3200' - upstream
end of gorge - good silt

40 cu/sec

310/55N
- intr. dyke 1 cool 310/75N
(semi concordant
minor dyke

- old ore cuttings noted in
gossan area

330° - 45E - banded qtzite,
chert (minor amphibolite
+ seam) + black
fissile slaty argillite. -
* no gossan

F-13 main stream near Sandra
creek 1500' downstream from
F-11
- sandy silt

170/30-35E - brecciated
grey xline limestone

315/60 E, east side

P-14 - main stream
silty sand

LEGEND.

& and

c with

S_1 = ⟋ = bedding
S_2 = ⟋ = foliation
S_3 = ⟋ = jointing

} not can combine attitudes where appropriate thus: ⟋40

⟋30 = fault. Right, Left, Normal, Rev. written in if noted.

⟋ ytz cal = vein with appropriate description

→ 035/15 lineation

CG 152 = Sample # 152 stream sample for geochem

CG 153 S = " " 153 for geochem
S that it is a soil sample
vs. a stream sample.

org. = organic

L.L = Left limit = left bank of stream looking down stream

R.L. = Right limit [reverse of above]

R.F = Right Fork = Right hand branch looking upstream

L.F = Left fork reverse of above.

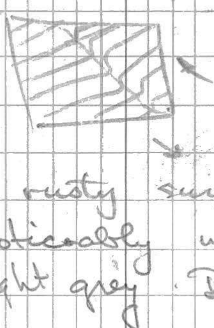
DATE: FRI. 10, 1965 - SEPT.
SUNNY & CLEAR.
Mac Ladue & C. GODWIN.
PHOTO: A12186: 357

MEANS SOIL SAMPLE

CG 1 s — Soil sample in slight draw below timber strip.
50' to NE small 20'x3' O.C.
Ex-S₂ 28 155 in qtz sericite phyllite (SAMPLE)

Fine fractures with reverse displacement 035 155

Thus.



Locally rusty surfaces
Not noticeably magnetic.
Soil - light grey. Drainage to NW.

CG 2 Trickle
Drainage to SE.
Silty gravel c̄ abundant flat phyllite plates.

CG 3 S' — dark grey soil.
Below CG2, in same drainage, 25' just above main stream.

CG 4 Main creek. 2 cu secs.
Ex. O.C. in sides of creek.

Greenish qtz-ose phyllite.

Sample: Brown silt.
Float Phyllite c̄ some qtz boulders — white & apparently barren.

Over 100' ex foliation in phyllite quite constant ex 30 125

Ex S_3 72 80 1½' spacing.
qtz. ¼" wide, local.

g. S_3 84 170

Locally irreg. discontin qtz up to 1' wide subparallel to foliation
O.C. doesn't affect magnets.

CG 5. — 1½ cu sec. Silt. Left fork.
q. S_2 25 115
Float: Qtz pebble conglomerate (minor)

Otherwise SOS before

CG6 Rt fork - float SOS CG4

SLP - SOS oc on R.L. - S_2 consistent

HTD SOS. ex. 149/25

S_3 75/60

22/14

3/4" disc. glz

Long drawn out (<2") fragments parallel to S_2 - ~~S.Z.~~

CG7 Main ch below fork

a S_2 100/29

g S_3 75/40 4"-6" spacing

Sample: clayey silt.

CG8 Main ch. underground. - silty sand.

SLP no o.c.

CG9 Silt from L. Pole

CG 10' clayey soil from slight drainage area

A10a g.O.C. 30' x 20'
50% phyllite only less qtz.
carbonaceous sericitic phyllite
Ex S_2 110 g. S_3 86

qtz vein 4" 130

Also disc. pods 1½' ϕ

A10b g.O.C. 20' x 10'
50% 10%
Ex S_2 4" wide disc qtz 126
g. S_3 65
O.C. apparently nonmagnetic.

A10c g.O.C. 20' x 10'
SLP. many small o.c. with same general S_2
ATP. g. S_2 135
A4" qtz vein subparallel S_2

Δ10 d   505   Δ9

g S₂ ⅄ 21/155   g S₃ 76/85

wrinkle lin   355/10

CG11 : At junction - streams underground.
Sandy silt

CG12 Trickle on R.L.

CG13 Main ch.

CG14 Main creek

CG15 Trickle on R.L.

CG16 Main ch

CG17 Underground. R.L. drainage

CG18 below Δ10 d
Drainage to NW.
Organic silt.

CG19 ⅘ m sec. Silty sand c̄ phyllite chips. Drainage NE

CG20 Near main ch below CG19. 505

CG21 Main creek 3 cu secs.
Below meadows & O.C.
O.C. on R.L.

Ex. S_2 38 W/10
Sos. phyllite only somewhat graphitic. spec. CG21
O.C. talus, & spec apparently not magnetic.
Some bands more graphitic than others. Locally white efflorescence on more crushed zones.
f.S. M 146

CG22 Sand from seepage beside O.C. @ CG21

CG23 Trickle on R.L. of ck. silt.

CG24 Creek ½ cu sec.
silt.

CG25 ck. - silt.

CG26 clayey soil on R.L.
Moist.
About 750' from CG25

CG 27 S Grey clayey soil.
Moist area @ head of stream
No creek bed.

CG 28 S
Moist area. Drainage to E.
No creek bed

TRAV. NW from 28 S

CG 29 S - 600' from 28 S on Trav. line.
No O.C. in area.
Slight gully
Brown soil

CG 30 S = CG 29 S + 175' on Trav. line.
Slight draw
Moist grey clayey soil.

CG 31 S = CG 30 S + 150' on Trav. line
Slight draw
Moist grey-brown clayey soil.

CG 31a Small 3' x 5' O.C.
limy? ~~qtz~~ c qtz for 3/4 of O.C. with
a layer of greenish argillaceous
phyllite. None of O.C. is magnetic

~~Spec~~

3/4 o.c. Spec 30 a - lim, gstone cut by numerous qtz stringers. Locally pyrite disseminated. Slight v.f.gr. granular appearance when wet.

1/4 o.c. Spec 31 a - sos phyllite. Slightly rusty surfaces. g. S_2 ~~?~~ 35/128

END of NW TRAV. f. S_3 ~~?~~ 64/86

Δ 31 b about 100' E of 31 a.

o.c. S'sd green phyllgst [sheared gst ??]

Spec: chalco & pyrite [mal stain] c̄ qtz along fracture

g. S_2 ~~?~~ 48/129 ; g ~~?~~ 41

Δ 31 c o.c. 100' x 20'

Strong line on photos.

g. S_2 23?/170

f. S_3 ~~?~~ 85/60

good wrinkle lineation ↗ 309/4

Sheared greenstone ✓

V. slightly magnetic?

Large spec to test mag.

CG 33S Moist brown soil from depression.

CG 33S Moist org. humic soil from depression.

CG 34 appx 500' below CG 33S
Trench.
Sample: sandy silt

CG 35S Moist soil, grey clayey
Under 2' of organic muck

CG 36S = CG 35 + 500' roughly
along contour in NNW dir.
Sample silty soil

CG 37S = CG 36S + 500' along contour
Sample: moist brown soil
organic.

CG 38S Org. silty soil - moist
= 37S + 500'

CG 39S silty soil - slight seepage
= 38S + 1000'

CG40 $ = 39$ + 700'
Sample: Sandy soil.

CG41$ Brown soil

CG42$ = 41$ +800'
dust before meadow.
Brn. Clayey soil

CG43 = 42$ + 750' Drainage runs NNW. Trickle.
Silty sand.

430 = 43$ + 175'
P.O.C. 15' x 4' on R.L. → 100/52
f. S_2 32/54 Lin on S_2.
1" qtz veins
f. S_3 33/52 f. S_3 48
Spec 430 green phyllitic greenstone
≤ 20% calcite blebs (suggestion of limestone see CG70)
Minor pyrite & calcite.
O.C. not magnetic.
Oxidation & weathered out

CG 44$ = 43$ +800'
Brown clayey soil.

~~CG 45 s/ = 44 s/ + 300'~~
~~Sample~~ grey clayey silt from
~~seepage.~~

~~CG 46 s/ = 45 s/ + 400'~~
~~Sample~~ " organic silt

Δ 46 a g. o. c. 30' x 10'
on R. L. of cln.
Graphitic phyllite.
Cx S_2 $\frac{56}{18}$ lin on S_2 ↓194/10
g. S_3 $\frac{112}{74}$ Also ↓165/16
cuts above lin

Summary
1. Limited o.c. encountered.
2. Graphitic phyllite first seen @ CG 21
Also seen at CG 46 a.
This suggests a belt 1½ mi. wide
in centre of EM anomaly. Fill-in
req'd. — gst in centre CG 11 19/65
3. Greenstone encountered at CG 31 a, b, c
which are ~~not~~ coincident with mag
anomaly. However, difference was not
apparent c̄ hand magnet in field.
4. Gst. also encountered a CG 43 a

DATE: SAT, SEPT. 11, 1965

Light clouds, sunny

Machadue & C. Godwin

Photo: A 12186:357 & on A12186:451

CG 47 About 800' above Rose Creek

Flow: x 8 cu secs.

Sample: silt.

CG 48 = 47+1000' upstream.

Sample silty sand.

CG 49 = 48 +1000' upstream

Sample: silty sand.

CG 50 = 49 + 350'

1/5 cu sec on L.L.

Sample: sandy silt.

CG 51 = CG 50 + 600'

Seepage on L.L.

Sample: silt (sandy)

CG 52 = CG 51 + 1100'

Below gravel slash on R.L. bank.

Sample silty sand.

CG53 Moist depression
Sandy brown soil.
400' from creek site CG52.

CG54 450' from CG53
Dark grey clayey soil

[OFFSET TRAV. CG55-60]

CG55 Trickle
Organic silt.

CG56 = 55 + 150'
trickle. clayey silt

CG57 = 56 + 220'
Beside no o.c. bare knoll
seepage organic silty soil

CG58 = 57 + 200'
Org. sandy soil.
seepage

CG59 = 58 + 250' trickle
sandy silt

CG60 = seepage = 59 + 100'
silt

CG54B = 54 + 200'
Possible o.c. ✓ certainly
angular float. Greenstone
with minor pyrite & calcite.

CG61 = CG5A + 465'
Trickle.
Sample: silt.
Since 54a, greenstone float.

near CG61 (~100' from it near top of ridge)
F. gr. massive gst o.c. 10' x 2'
g. S3 86/160 [DEFINITE O.C.]
Spec slightly magnetic

CG62 = 61 + 500'
Moist depression.
Sample: organic silt

CG63 = 61 + 600'
Trickle
Sample: org. silt

CG64 = 63 + 250'
Trickle
Sample: sandy silt
CG65 = 64 + 500'
Permafrost. N.B.
Sample: org. soil

CG 66 = main creek ≥65 + 500'

Sample: sand.

Flow: 15 cu secs.

CG 67 Trickle = 66 + 380'

Trickle @ base of landslide on R.L.

CG 68 = 67 + 1000' Main creek

Silt.

CG 69 = 68 + 500'

Trickle on R.L. beside main ck.

Silt.

CG 70 – Rt. trib.

Flow ≈ 5 cu secs.

Sample: silt.

CG 71 Just below forks (above CG 70)

Silt.

CG 72 = CG 71 + 500'

Sample silt.

At D 70 g.15' x 6' o.c. 50/5 sheared gst only c̄ abundant calcite blebs

G.S2 38/77 lin 175/11 P.S2 52/150

△ 68a CG 68 + 300' on ridge edge
P. O.C. 5' x 3'
Altered greenstone
M.gr. (dioritic?) chlorite books.
Spec. not apparently magnetic
f. S_3 115 / 73

CG 73 S'; CG 68 + 540'
Silty soil from slight depression

△ 73 a = 73 + 250'
P. O.C. 5' x 2'
Spec Slightly phyllitic greenstone.
f S_2 36 / 140

(120) △ 73 b = x + 600'
g. O.C. 30' x 4'
g S_3 30 g S_2 42 / 155

153 △ 73c
g. O.C 10' x 4' v.g. S_2 42 / 138 g. S_3 40 / 73

△ 73d 505 cpt SPEC.
... 150 / 35 Ex O.C. 30' x 15'
v.g. S_3 23 / 80 v.g S_2 70 / 145

Drop

upstream.

△70 + 125' lim calcite
in gst. (weath. out on surf) [see CG 438] — 13/8
f S2 Y 21/140
scatt. N.q.c. gst to △70 + 280'

CG 74 = Rt fork above
CG 71

CG 75 = CG 70 + 700' upstream
1/5 cu sec on R.L.
Sample organic silt -

CG 76 = 75 + 300'
Main creek

CG 77 = 76 + 1100'
Just above large cut
gravel bank.
Sandy organic [poor sample]

CG 78 Main ch below 77 S
Sample silty sand.

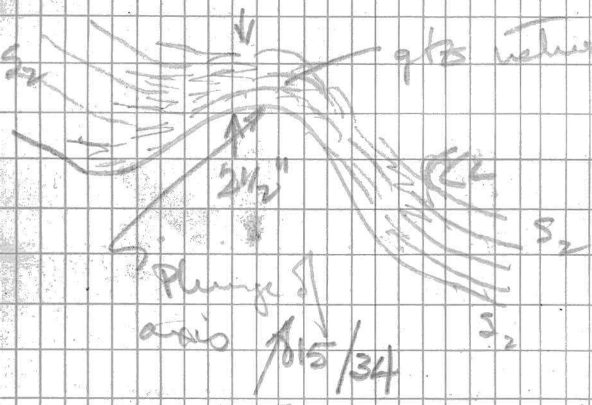
CG 79 L. limit 1/5 cu sec.
= CG 78 + 950'
Sample: sandy silt.

CG80 - 600' beyond CG79.
1/3 cu sec on R.L.
Sample: sandy silt.

CG81 - CG80 + 500'
Main creek
Sample: organic sandy silt.

△ CG 81A. E. o.c. area
on face of ridge.
V.g. S_2 80 134

Fold with qtz network surrounding it



Qtz sericite schist.
Abundant white vein qtz

CG 82 Gully controlled by S_2 (others similar).
O.C. Excellent
Ex S_2 062/134 stretched
pebbles & cobbles elongated parallel to S_2
thin: light clasts
var. of cobbles dk grey args.
Phyllite - SLIGHTLY
Graphitic
S_3 079/93
Sample: Brown soil.

CG83 Main creek
Flow 2 cusecs.

CG84 Dry ck bed in
proximity of fault.
Float: slightly graphitic
phyllite, phyllite abundant.
Also abundant qtz.
Sample silty gravel (brown).

CG85 = Trickle
Sample: sandy silt.

△ CG 85a Sericite phyllite.
Ex S_2 $\frac{\pi}{31}$ 66
g. S_3 $\frac{}{40}$ 88

CG 86 Trickle
Sample: silt.

△ CG 86 a g. o. c.
Greenish phyllite - possibly greenstone but very foliated.
Ex S_2 → $\frac{\pi}{17}$ 125 g. S_3 $\frac{57}{151}$

CG 87 Trickle
Sample: soily silt.

CG88 Strong lineament on air photo. Visible but not as impressive on the ground. (Fault?) moist. [glacial 32?]
Sample: soily sandy gravel.
Gravel has rounded pebbles in it suggesting that it is transported with

CG 89 Below CG 87 @ mouth
Sample: Sandy silt.
Flow 1½ cu sec

CG 90 Main ck
Flow 6 cu secs.

CG 91 Trickle 250' below jcn on R.L.
Sample: silt.

CG 92 1½ cu sec RT link
Sample: organic silt.

CG 93 Main ck below jcn & CG 92 ck.
10 cu secs.
Sample silt.

CG 94 = 93 + 1000'
Seepage & small slide on R.L.
Sample: silt

CG 95 = 94 + 300' down
Main stream.

PHOTO A 12186 : 451

Δ1 q.o.c. 15' x3'

g.S$_2$ 40/125

Dark sericitic phyllite

Locally minor graphite

2 Spec. v. sheared spt. ?/?

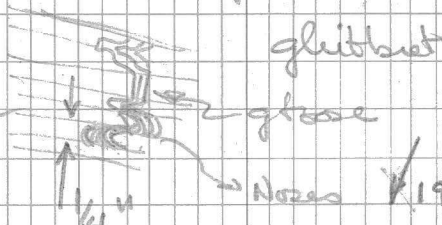
Δ2 Definitely phyllitic spt. Spec

g.S$_3$ 53/62, g.S$_2$ 55/140

g.o.c 20' x5'

Δ3. Graphitic phyllite spec.

Ex S$_2$ 21/157



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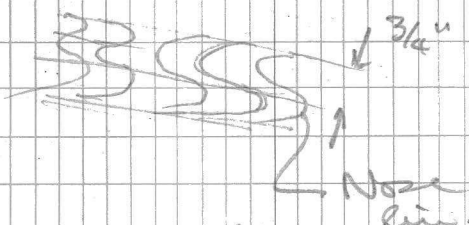


minor gtzn.

SUMMARY SEPT 13, 1965.

① Greenstone encountered in several places.

② Cst likely @ CG 86a but it is very sheared if it is. Spec., unfortunately, not taken. Cst explains mag anomaly perhaps [SOS 73d ∴ greenstone] alternate

③ O.C. very sparse.

④ Anomaly CG 68 to 71 — Heart of it is definitely greenstone.

DATE SEPT. 12, 1965

WEATHER : CAVU

TRAVERSERS : MacLachlan & Coburn

PHOTO : A12186 : 45?

CG 96 S Slight gulley
Poor sample, permafrost, org. silt.
F. O.C. 20' x 10'
O.C. Rel. massive, although slightly platy, brownish grey altered basalt? with 20% calcite blebs 1-2 mm ϕ. Minor pyrrhotite? concentrated @ borders of calcite blebs.
SPEC not apparently magnetic
g. S_3 80 60

200' to E. g. O.C. 15' x 15'
Rel. massive qpt. Spec
g. S_3 82 83
p. S_2 26 130

Δ96a slightly phyllitic qpt.
g. S_2 55 144 f. S_3 85 20 f. S_3 58 110

CG96 Phyllitic qst. Spec
Two foliations
g. S_2 74/134 g. S_2 44/126 Lin. 133/15
g. S_3 8/64 30

CG97 Trickle, well defined depression.
Sample organic silt.

CG98 1/3 cu sec. — well defined depression
Sample: sandy silt.

CG99 Damp gulley
Sample silty soil

CG99a P.O.C. area ¢
abundant qst blocks as float.
P.O.C. 5' x 4'
g. Iron carb vein (rusty weath ¢ prominent qtz stringers) f. qtz carb 45/136
f. S_2 35/158 g. S_3 47/72

Spec Slightly phyllitic
granitic greenstone ¢ abundant
(5%) carb. blebs. Note spot
1/4" ϕ of pyrrhotite — slightly
magnetic.

CG1005 Permafrost
Sample: clayey silt.

CG101 depressed area - trickle.
Sample: organic silt

CG102 Trickle from hillside - 101+325'
Sample silt.

CG103S = 102+1050'
Seepage from hillside
Sample: Organic silty soil
Some ? frost.

CG104 = 103S + 375'
Trickle
Sample: silty sand.

CG105 = 104+250'
1/4 cu sec.
Sample silt.

CG106 Trickle = 105+475'
Sample: Organic sandy silt
well defined gully.

CG107 = 106 + 340'
Dry trickle bed c̄ willow.
Sample. sandy clayey silt.

△107a = 107 + 250 to 400'
Scattered talus that is locally to outcrop. but is probably disturbed so no attitude
Mostly porph? granular greenstone
SPEC locally quite phyllitic.

CG108 = 107 + 500'
Very little drainage area
Sample: clayey silt

CG109 = 108 + 350'
Excellent gulley
Ex. O.C. 25' x 15'
v.g. S_3 80 60   g S_2 90 33
Several qtz-carb vein 2" thick 74 155 discontin.
SOS phyllitic qst c̄ dissem. pyrrhotite. Spec.

△109a = 109 + 300' up draw
SOS phyl. sst c̄ qtz. g S_3 40 82 f. 162 18

CG 110 = 109 + 900' frag. s'ly // ridge ck.
Dry friable bed
Sample: sand & silt composed largely of flakes of graphitic schist.
N.B. FLOAT graphitic schist flakes.

CG 111 = 110 + 500'
Sample. s'ly organic sandy silt.
Dry friable bed marked by alder growth.

CG 112 S' = 111 + 750'
Very slight depression
Sample. POOR. SILTY ORGANIC PERMAFROST.

Δ 112 Ea = 112 S' + 250'
g.o.c. area 30' x 20' (not one oc.)
Phyllitic greenstone SPEC.
q. S_2 60° 135 / S_3 75° S
Minor qtz veins.

112 S' + 500' qtz float

CG113 Dry trickle bed = 112 + 550'
Sampled silt.

CG114 = 113 + 625'
1/5 cu sec.
Sample: silt.

CG115 = 114 + 800'
Trickle in flat area
Sample: sandy silt.

CG116 = 115 + 250'
1/5 cu sec in flat area
Sample: sand
Float: 30% qspt 20% qsp ch phyllite, 10% sericite phyllite, 15% qtz, rest un I.D.

CG117 = Trickle beside dome
Sample: silt

CG118 $ = Brn soil below dome.

CG119 $ Brown (silty,) soil from gully
119a = slope to N of CG119
P. O.C. 30' x 5'

O.C. ∫ v. platy brown weath. qtz sericite phyllite. SPEC. Minor dis. pyrite. Attitudes, because only slight O.C. @ surface, may be distorted.

p. S_2 116/170

p. lineation due to wrinkle in S_2 031/22

Down ridge from 119a SOS poor qtzsericite phyl. O.C.

N 119b ∫ side ∫ 119a. SOS 119a Some reddish argillite in float. Ex. O.C. area

E_1 S_2 125/167 Lin. in S_2 wrinkles 080/20

g S_3 63/72

[Disregard attitudes @ 119a?]

10' below above O.C.

3' x 3' exposure (def. O.C. ∥ concordant S_2) ∫ graphitic phyllite SPEC

CG120 Trickle = 119+500'
Soily sand.

CG121 S= Dry gulley
Sandy soil.

CG 122 S = V. slight depression on slope on N-side of swamp.
Sample: Brn gravelly soil

CG 123 S Slope N-side of stream.
Sample Brn gravelly soil

CG 124 1/3 on sec.
NOTE STREAM OUT OF SWAMP.
Sample sandy gravel.
Chips of platy phyllite mainly
But better than organic muck

CG 125 S Slope on S side of stream
Sample: sandy brown soil

CG 126 S Cut on S side of stream
Float: mainly qtz sericite phyllite,
Minor graphitic phyllite
Sample Brn gravelly soil & abundant phyllite flakes
O.C. nearby ∆ 119a Qtz s. phyl.
Ex 34/135 g. S_3 75/176 86/84
Trav. upward. within 10' of observation graphitic layer of at least several feet in thickness.

CG/127 Sample: sandy bkn silt.
Ex OC. 30' x 30'
Purplish graphitic arg. phyllite
SPEC. [graphite only locally].

Ex S_2 140/40 145 colour banding // to S_2
g S_3 32

25' above [by foliation thickness]
3' wide white/green phyllite band
that carries some malachite
SPEC.

CG/128 Gulley — well defined
Sample silt.
Flow: none, locally
seepage.

CG/129 Sample. silty sand.
100' 15m section exposed in canyon.
Ex S_2 045/28 lin. crumpling S_2 134/10
Ex S_3 4'-6' 053/16 g. S_3 3'-5' 066/35
Mainly arg. sericitic phyllite.
Minor slightly graphitic zones
SPEC.

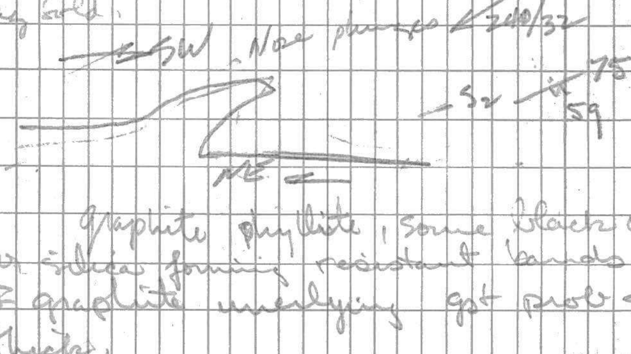
float: qtz, locally looks brecciated

CG130 Flow 3/4 cm sec.
Sample sandy silt.
1 m. canyon (another)
400' of section 1 to S_2
represented here. to bottom of fall.
[600-700' total to top of CG129-canyon]
Foliation etc appears uniform, in rock type some changes in colour etc but minor - all phyllite.
Ex S_2 37 115 q. S_2 69 55 4"-1'

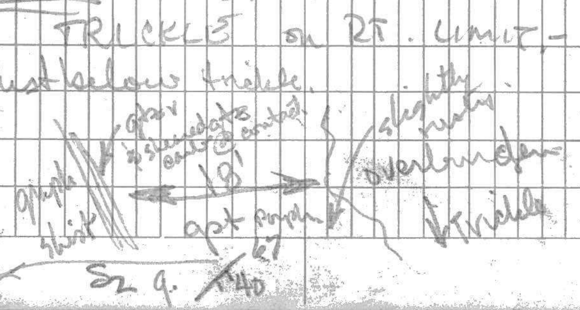
looking back @ fall area, locally graphitic areas. One graphitic shear, wedge shaped 10' wide @ base in creek bottom. [widest part]
Part of face rusty so soil sample 131$ taken from slide with.
CG131$ slide with loam rusty zone on L.L. of ck.

CG132 Sample: sandy silt
O.C. to N of site.
Ex O.C. of phyllitic gst. SPEC
Qtz carb common
fg. S_2 38 / 103 f. S_3 61 / 167

~25' vertically
CG133 S' At creek level, below
gst noted @ 132. Sample: graphitic slide wll
Crumpled, shattered, graphite shist
Soil spec taken from L.L. of creek
Drag fold.



graphite phyllite, some black chert?
or silica forming resistant bands.
IF graphite underlying gst prob < 100'
thick.
CG134 - 133 S' + 500'
TRICKLE on RT. LIMIT - silt
Just below trickle.



SPEC Greenstone? porphyry
Phenos to 1/8" ϕ ± 20% of
SPEC.

CG135 Main creek = 134 + 500'
Sample: silty sand.

CG136 = 135 + 175'
Trickle on L.L.
Sample: silt.

CG137 = 136 + 1200'
Sample silt
Trickle on L.L.

CG138$ = 137 + 750'
Sample: org. silty soil on L.L.
Permafrost.

CG139$ = CG136 + 1100 ft. R.L.
Sample: Bl. silty soil & abundant graphite phi fragments. Willows in wet depression.

CG140 = 139$ + 375'
Sample: silt
½ gulch on R.L.

CG141 = 140 + 100'
Main creek - silt.

CG142 = 141 + 250'
Trickle on R.L.
Sample: silt & graph. phyl. Sands

CG143 = 142 + 700'
Main cr. Flow & curves.
Sample: sand.

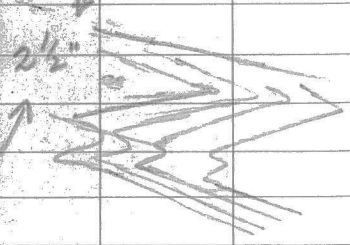
CG144 = 143 + 1000'
Main creek - Flow / curves.
Sample: sand.

Summary

(1) What is odd ball rk that I've called graph. qpt. Ie examples: CG61, 68d, 134
(2) "Dome" Flat lying phyllites, mod in manner "bleached?" band on W flank. CG127
(3) Amt. of qpt overemphasized since it is not recessive like ~~clay~~ phyllite.
(4) More graphite phyl. than apparent as mode by prevalence in some clr zeds.
(5) Tentatively: Numerous qpt bands perhaps in graphitic schist pods? ? ?
(6) N.B. Permanent & org. limitations today.

Additions 14/9/65.

Chevron folding. →



CG1446 p.o.c. area. Attit. unreliable
Some phyl. qst.; also fairly
magnetic dark greenish grey qst SPEC.

CG1446 d. f.o.c. 10' x 5'
Foliated dk greenish grey qst c
calcite blebs (not apparently magnetic)
SPEC. g. S_3 ⊥ 70 p. S_2 ⊥ 35
100 beyond g.o.c. E-S_2 ⊥ 45 plus 48 qst.

CG1446 p.o.c. of rel. dense greenstone.
SPEC. Loc. diaphthoritic fracture
slightly magnetic but retains SPEC.

DATE: MONDAY SEPT 13, 1965
WEATH: CALM
TRAV: MacLADULE & C. GODWIN
PHOTO: A 12186: 451

△ CG 144 a - g. o.c. area.
o.c. 20' x 10'
Ex S_2 30/121 g. S_3 70 80

lin crumples in S_2 ↘ 176/27
v.c. graphitic phyllite SPEC

△ CG 144 b g. o.c. 20' x 10'
Rel. massive gst.
g. S_3 86 51
10' (52) above 144 b 5' x 4' o.c.
phyl. gst. g S_2 30 155

CG 145 Moist depression between o.c's.
Sample: organic silt.
△ 145 a SLP lin nose fold ph. gst. ↘ 135/8
ATP. phyl. gst? f. S_2 30 110 g. o.c. 20' x 5'
100' beyond △ small o.c. ē
amygdule-like calcite blebs. SPEC

Δ145 b. Phyl. gst.
ξ S₂ 80/15

Δ145 c. Massive m. gr. gst Spec
g. S_3 85/60

Δ145 d slightly phyl. gst,
g. S_2 31 145 g. S_3 52/85

CG146 = trickle seepage
Sample organic silt

146 oo = 146 + 250'
P.O.C. - no reliable attitude 5' x 5'
Porph gst (dike??) c̄ dissem
pyr. (SPEC).
50' beyond phyl gst.

CG147 8 silty soil. Permafrost
= 146 + 500'

CG148 = 147 + 500'
Sample: sandy silt.
Flow: 5 cu sec. Willows
over 100' @ ck bottom -

CG 149 = 148 + 800'

Depression with trickle bed.

Sample: organic silt

▲CG 149a = 149 + 200' - 350'

R.O.C. area disturbed

phyl. gst.

▲CG 149B = 149 + 800'

G.O.C. area

SPEC. May be an altered var. of greenstone - perhaps amphib gneiss to distinguish it ???

N.g.S$_2$ SAME 145 f.S$_3$ 72 80

▲CG 149c

200' uphill from 149 b

Rk seems indurated brownish cast - devel of bi? [locally obv. micas]

Hornfelsic? SPEC

Rel massive in OC.

f.S$_2$ 20 132 g.S$_3$ 55 69 g S$_3$ 56 110

CG 150 = 119 + 1200'

Sample: org. silty soil

CG 151 = 150 + 800' Sandy gray silt. seepage

CG 152 Large S on sec. cl.

Sample: sand

Δ CG 152a   Ex. O.C. 20' x 5'

Ex hornfels, (metallic ring), dark grey with 1-2% pyrrhotite disseminated but streaked // to S_2. Light mineral assoc c̄ phyrrhotite [check for ZnS cal.]. Spec

O.C. rusty weath, locally yellowish stained.

Ex S_2 5/11   g S_3 45/85 g S_3 83/118

Trav. up ridge

g. S_2 23/155   locally graphitic

24/148 ~ Avg. 20/150

Numerous O.C.

Δ CG 152b.   g. O.C. 40' x 5'

Ex S_2 32/135   g. Orth S_3 10/13, 83/105

292/20

Lin   due to fS_2 65/120

cutting above S_2

Spec'. graphitic arg → hornfels v. platy, lacks abundant pyrrhotite

CG 162 $ = silty slightly organic sand from hummocky talus under moss.

CG 163 $ = gully on W. side of ridge moist gravelly soil.

CG 164 $ = gully apex on wkly sided drainage. Wet clayey silt.

CG 165 $ = gull on wkly drainage
POOR SAMPLE
PERMAFROST
Probably better than nothing!
Sample = organic ice.

CG 166 $ = gully - wkly dr.
Poor sample
PERMAFROST
Sample silty organic = below ash, above ice.

CG 167 $ 100' above ⓟ
Gravelly silty clay on slope

CG168 $ Gully wkly drainage
Sample: organic silt.

CG169 Silt from trickle
= 168 + 250' W'ly along draw
Trickle on S side of draw.
Sample: silt.

CG170 = CG169 + 800'
2' wide dry streambed.
Float: mainly greenstone.

CG171 = CG170 + 200'
Rt fork trickle
Sample: silt.

CG172 = 170 + 1000'
Main creek
Sample: sandy silt.

CG173S = Soil sample @
break in slope on R.L.
Sample: org. silty soil.

OFFSET

CG 153 $ = 152 + 800'
Sod from L.L. St. Ch.
Sample org. silty soil.

CG 154 Trickle on R.L.
Sample ORGANIC SILT.

CG 155 Left fork.
Sample: sandy silt

CG 156 = Rt fork 800' above forks
Sample: sandy silt,
Main stream.

CG 157 $ = 152 + 150' on L.L.
Sample: organic silty soil
Permapost

CG 158 Sandy silt
Main stream

CG 159 = 43 yds.
Sandy silt
dry streambed

CG 160 Sandy silt
= 159 + 350' Main stream

CG161 + 160 + 500'
Main creek; sandy silt

CG174 Rt Fork (500' upstream)
Sandy silt

CG175 Just below fork
Sandy silt

CG176 Trickle stream
Sandy grey silt

CG177 $ 500' on RT Limit
Organic silty soil

CG178 Main creek = 175 + 1000'
Sandy silt

CG179 $
Silty Sandy soil (some organic)

CG 180 Silty clayey gravel.
From dry wash.

CG 181 Main creek
1400' above jcn.
Sample: silty sand.

CG 181a – knoll covered
very small (p. o.c. adj.)
5' x 2'.
Banded, highly silicified
seam? Banding 105/55
Spec.
Another o.c. 100/25 505
Carbonate or sulphate? that appears
to be heavy?? DETERMINE.

CG 181b Siliceous v. platy dk grey
sub-phyllite [indurated? cherty?, hornfelsed]
Ex S2 140/46 linear S2 300/32
S3 120/47
Spec.

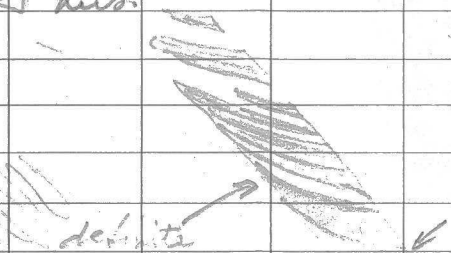
△ CG181c Ex o.c. 20'x20'

30↑ CG181a only good exposure

Could be siliceous seam, but here looks to be a v. fine grain?

Dark bands fringe out and appear to be x-bedded?

Thus.



dark strips

Attitude banding ~~N~~ 57 122

g. S_3 ~~85~~ 50

Just above this exposure siderite banded argillite?

Siderite 25% of o.c. Bandy $\frac{\pi}{32}$ 90

CG182 Drops down into △181c.

Organic gravelly silt.

CG183 3 cm sec clr. Trav. down
Sample: silty sand.

CG184 = 183+1000' Sec clr sand.

CG185 = 184+1000' Sec clr org. sand

CG186 ~~3~~ cm sec sand.

SUMMARY.

① Pyrch & HORNFELS RIDGE that trends on NAC - looks interesting. -

② Hornfels to W towards granitic intrusive on CGSC geol

③ What is unit @ 181a, 181c?

④ CGST belt along Rose etc, Flanke (CG144a) by graph plot on N.

DATE: TUES. SEPT. 14, 1965
WEATHER: CAVU
TRAV. GODWIN
PHOTO: A 12186: 451

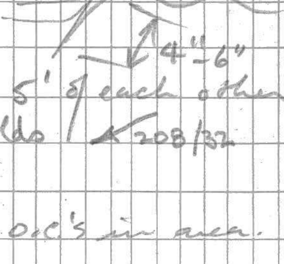
CG188 Trickle on E facing slope
Sample: org. silt.

CG189 Trickle willow line
~~Sample~~ org. silty sand.

A1392a
Ex 43 146 g. S_3 40 76

Wrinkle on S_2 ↘168/16
Arg-qtz sericite phyllite

Small? fault ~~Normal~~ NORMAL 75 57
fault actually
Normal thrust



Several within 5' of each other.
Plunge along folds ↙208/32

S_2 consistent over o.c.'s in area.

A1896 numberous poor greenstone o.c.'s that look suspiciously like float.

CG1908 Bm soil from distinct gulley

CG191 = Dry climbed sample. sandy silt.

A191a. SOS A 189a qtz sericite phyllite.

CG192 freshle — willows area S: grey silt.

A192a Line of o.c. looking areas on photo is a series of knolls with qtz boulders prominent on surface. However doubt if represents o.c. since gravel on these knolls (surrounding boulders - also plyb. ones - minor) consists of gravel with abundant phyllite plates.

CG193 dry trickle bed in moist, spruce marked drainage S: sandy silt.

CG194 Trickle in spruce-willows line S: silty sand

CG195 Large dry stream bed S: silty sand.

ΔCG195a Very small 3'x2' exposure on side of knoll of phyl. greenstone — poor exposure, ? O.C.

CG196 S: silty sand.
B on ice Stream in 50' wide willow line.

CG196a gst. ± cal. blebs.
Along Rose Creek on L.L.

CG197 organic silt

CG198 sandy grey silt

CG199 sandy silt

CG200 sandy organic silt

CG201 sandy organic silt

SUMMARY.

1. More greenstone areas defined.
2. Ridge line on photo (Δ 1923) is probably a glacial feature?

SUMMARY of AREA

① 4 MAG anomalies in EM anomalous belt.
FROM EAST TO WEST
A: GST centre flanked by schists.

B: same as A - flanked by graph. schists.

C: Anomaly centre located in middle of swamp area. NOTE - greenstone may not extend!

D: Hornfels & pyrrhotite on ridge end.

(2) Note mod in bleached?, qtz sericite schist in vicinity of previous geochem kicks [Δ CG127]

(3) Rusty zone @ CG131$ slide with sampled.

DING

CG119a	qtz seric phyl	0	— buff alt.
CG119b	Graph phyl	0	— SS
CG82S	Slightly graph. phyl.	0	
CG127	Arg phyl.	0	
CG127	Seric phyl c̄ mal	0	
CG129	Arg-sericitic phyl.	0	
CG132	Phyl. gst.	.05"	
CG134	Porph gst?	.05"	
144c	gst.	2.5"	!
144d	gst cal blebs.	.05	
144e	massive gst	.10	
189a	phyllite (sericite)	0	Buff alt.
145a	phyl-gst.	.05	
✓145c	m.gr. gst.	.12	
149b	gst - brnish tinge Some calcite	0	
144b	gst.	.005	
146a	Porph gst	.15	
145a	Gst (brownish) arg-like cal blebs	.05	
144a	graph. phyl.	.1	!
152a	Hornfels c̄ pyrrhotite?	.05	!
152b	Hornfels - arg phyllite?	0	rusty
181c	carb + arg.	.005	
181e	Seam?	0	
152a	Hornfels c̄ 15% pyrrho.	.7	
181b	Hornfels? cherty slate	0	— rusty alts
181a	Seam? sos 181c	0	

NOTE

DING = DEFLECTION

MAXIMUM DEFLECTION IN INCHES

HAND MAGNET ON CORE

SPEC	DESCR.	DING	
CG21	Graphitic phyllite	0	
CG31a	Greenish white sericitic phyllite		
	Prob. sheared gst.	0	
CG31a	Altered gst. liny?	0	
	Buff-green, slight granularity		
CG31b	V. slightly foliated		
	~~[illegible]~~ ~~[illegible]~~ greenstone		8
	Dissem. pyrite	.005 slight [illegible]	
CG31c	sos 31b	.1"	
CG61	Porph gst?	.6"	? ✓
CG68a	Porph gst.?	.3"	
CG43a	Phyl gst c̄ cal blebs.	0	8
CG81a	Qtz sericite phyllite	0	
~~CG~~ Δ1	Phyllitic gst.	.05"	} 8
Δ1	— " —	0	
Δ2	— " —	.05"	8
Δ3	Graphitic phyl. /	0	
CG73a	Phyl. gst	0	
CG73d	Phyl. gst.	.05"	8
CG96	Brn alt gst? basalt?	.1	8
96a	green gst	.05	
96b	phyl. gst.	.05	8
99d	Alt. gst c̄ cal blebs – pyr. assoc c̄ cal.	.15	8
107a	Porph gst	.05	8
109	Phyl. gst.	.1	8
112	— " —	.05	8

(a) organic silt, Tr.

(b) (a) + 150' Tr. clayey silt.
(c) org silty soil (b) + 220
beside no oc bare knoll
moist ↕

(d) (c) + 200 org sandy soil

(e) Tr. (d) + 250' sandy silt

(f) Seepage (e) + 100'
silt

(a) Black silty soil ē graphitic frag
236pe from 136 Abundant willows in
moist depression

(b) See front. (a) + 375' silt
1/2 en sec seep. springing from R.L.
well above main creek
(c) Main creek silt = (b) + 100'

(d) (c) + 250'
Tr. on R.L.
S silt ē graph ph. flakes
(e) (d) + 700' Main Stream coarse S sand
(f) e floor main ch, [illegible]
900 to [illegible]

CHECK LIST

COMPASS
MAGNET
PHOTOS
SCALE
HAMMER
PACK
MAG. GLASS.