

MAY 30/1985  
 Biocan Date overcast Temp 5°C  
 Survey of RR#1 to RR#3 claims.

Proceed at 43° T from RR#3 post 2  
 RR#3 post 2 30m from road YA 86416

R-1 130 m from road o/c 10m to left NW  
 of 145 m centre of power line  
 of This is flagged point O head  
 NW along power line - at 20 m  
 along P.L. cent. of o/c R-1  
 3.5' high 30m long

S2 = 138°/23°S o/c of calcite schist  
 and biot. gtz schist interbanded  
 2" to 4" and minor gtz bands 4-6" long  
 1" to 2" wide.

Weak mineral lineation 165°/25° dip.

R-2 uphill from R-1 2' high x 15' long o/c  
 1" banded quartzite or calcite  
 ≅ 3D1? pronounced mineral  
 lineation

S2 = 142°/18°S  
 L<sub>n</sub> = 153°/2°dp

This o/c underlies R-1  
 if as far as before.

015486

3 samples  
 R-3  
 F-3b  
 R-3c

R-3 81m from 0 low of c 5' x 5' x 1.5' high  
 qtz-biotite schist with calc-silicate  
 interbands. These bands in places  
 calciferous. Also narrow injection  
 vein (R-3c) 1" to 8" across of  $\text{H}_2\text{O}$ - $\text{Fe}$ - $\text{Mg}$ - $\text{Al}$ - $\text{Si}$ - $\text{O}$   
 $S_2 = 164^\circ/18^\circ\text{S}$   
 Mineral band trend  $164^\circ$  almost  $0^\circ$  dip  
 injection vein trend  $26^\circ$  (over rubble)

R-4 115m from 0 15' x 5' x 16" high of c  
 just to r of contact of P.L.  
 $S_2 = 141^\circ/15^\circ\text{S}$  rusty weathering of biotite-qtz  
 schist IC

At 150m is power poles 1634.

At 421m - - - 1635

At 463m are claim posts

No 1 67117 No 1 67118

~~No 2 67099~~ ~~dd~~

No 1 94965

No 1 94964

No 2 94962

sample R-5

R-5 at 495m low rubble of c rusty  
 weathering calc-silicate rubble with  
 narrow biotite schist interbands number 95

sample  
R6

R-6 at 515 m downhill from R-5  
low 5' x 8' x 8"  $\frac{1}{2}$  of more  
msw calcified metabasite with  
black biotite partings minor py.  
S<sub>2</sub> = 45°/15N

At 566 m cross in stream  
\* at 551 cross 2 m major stream 10"  
deep. cut line also at creek crossing.

At 632 m P.P. 1636

772 m & 787 small streams 1'  
in low swampy areas

At 795 picketed line mag at 215°  
L - O 700 / 16 N at positive line  
15' sw of cable

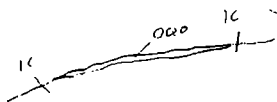
840-858 subcrop of indy weathering  
q-f-m-b schist 16

Sample  
R7

R7 At 874 subcrop of metabasite incl.  
(R-7)  
q-f-m-b schist 16 largest subcrop  
of metabasite 2'

At 885 old bulldozed line  
to road

At 909 m P.P.s 1637



Sample R-9

Head down old trail to clear  
line SW.

R-8 AV 71 m along trail from centre  
of power line/o/c crosses trail: 18" high  
extends 30' NW in st. weather  
| C q.f.m.b schist. S2 = 165°/8°W  
AV 80 m is top of knob with  
1c and bit of vein.

AV 89 m top of o/c with qtz vein 2"  
thick o/cing // S2 in

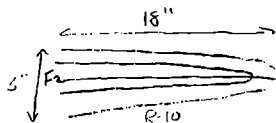
R-9 at 98 m SW side of knob o/c  
of quartzite - high schist  
to SW is 30' long 4' high o/c  
with stream coming from base  
higher brittle qtz contains here.  
PS2 dominant

S2 = 122°/19° SW, & 130°/11° SW

AV 159 m to clear line and claim  
post #2 RR #1  
post #1 RR #2 just to left of trail  
is SE 6'

May 31

Sunny



sample R-11

123 m from centre of road along  
edge of clearing is chain line  
Head NW ↓

40m NW is RR2 No 2 post  
RR3 No 1 post

Head up line near R-6 from creek  
Creek/line intersection O.

At 44 o/c 20m to right near  
creek.

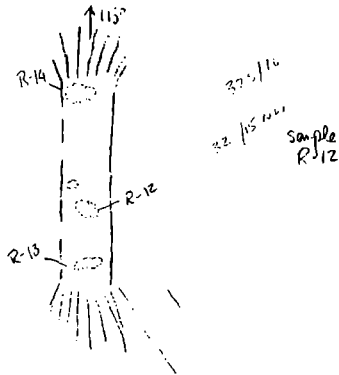
R-10 Muscovite schist with 1" to 2" bands  
greenish qtz or calc. sil here is S2 fold

S2 = 42°/20°NW

F2 Axis 316°/21° (See R-15)

At 76 m bulldozed trail to top of  
above o/c

22m along trail is sub outcrop  
R-11 biotite-quartzite - hard green mineral  
S2 66°/14°NW post foot heard?  
is this calc silicate?

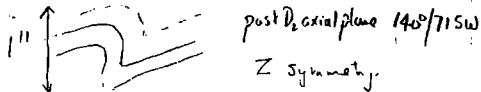


R-14

R-15a  
R-15b

AV 44m at 80° to trench heading  
at 115° heading to creek 2.5m long

R-12 o/c in trench of calc-silicate marble in angle  
S<sub>2</sub> = 32/15 NW post D<sub>2</sub> fold axis 325/16



R-13 also calc-silicated marble more  
platy than R-12

R-14 Musc-biotite schist with long calc-sil bands  
containing angle mostly weathered  
S<sub>2</sub> = 36°/22° NW  
biotite bands dark rusty brown  
from here to R-13 apparent  
thickness is 3m.  
sample is at hard band  
1<sup>st</sup> impression is this is IC

Head down stream

R-15 from here down to R-10  
progressive more musc-biotite schist with  
less calc-sil looking bands. Overall  
R-15 to R-10 IC with calc-silicated marble  
underlying in trench.

Since S<sub>2</sub>/S<sub>0</sub>? dip NW more steeply than creek than overlying calc silt marble of R-11 to R-14 If no faults etc R-11 to R-14 pass parallel to R-5-6

At 530 is 8E + 32N

At 688 S<sub>95</sub> n facing o/c  
 R-16  
 S<sub>2</sub> = 121/165 on o/c further S from line  
 CFMB schist finely crystalline.

At 608 small stream on S side of knoto

R-17 next to line CFMB schist  
 S<sub>2</sub> 140°/16° SW

sample  
 R-18

R-18 SE end of gorge o/c 10-15' high  
 100m or more high schist with  
 some purple of andalusite  
 weakly P<sub>2</sub> crystallized  
 S<sub>2</sub> = 122°/165, L-2+N = 145°/10  
 10m NW is normal fault:  
 2" displacement NW side down:  
 70/74° NW

sample  
R-19

R-19 on other NW side of gully  
of 1C QFMB schist with 15 cu  
garnets & andalusite.  
 $S_2 = 14S/26^{\circ}S$   
also garnets to upper part of

R-20

R-20 SW side of gully  $30^m$  high 40m long  
of m.b schist  
 $S_2 = 100/14^{\circ}SW$  on NW side  
2' joint  $85/55^{\circ}SW$  on NW side



20m from line crossing one

claim posts

post	1	Y 18319
No 2	Y	60725
No 1	Y	60728
No 2	Y	60726
No 3	Y	18318
No 1	Y	18320

At 271 m down trail cross  
mouse trail

At 291 0+00/35N

Ar 0 + 28N 503<sup>n</sup> base  
g knots 110 of/c

June 1/85 Sunny 6hr.

Up trail from road towards o/c 77S.

sample R21

R-21 approx 150m from parking up hill.  
low g/c on left of trail calc-silicates  
bordered by quartzite schist  
similar to R-2  
S2: 127°/26°S  
L2-N = 160°/5° dip.

2m W/V  
3D flank.

Approx 50m up trail 2m to right SW  
claw post

No1 Y 67795

No1 Y 67797

No1 Y 67796

No1 Y 67794

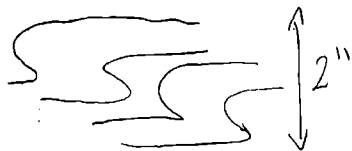
Sample  
RR-22a  
22b

RR-22 At top of trail is trench NW-SE  
wiped up in calc-silicate gneiss  
looks like 3D tone  
S2 = 40°/16W pass several inches

sample  
R23

R-23 4' high o/c of leucocratic, sericitic  
foliated gneiss with garnets.  
o/c // to jointing 60°/L 70°/L  
Lineation at 162° dip?

2 Sample R-25  
Post D<sub>2</sub> fold looking SW



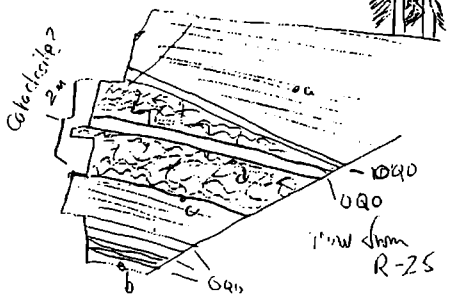
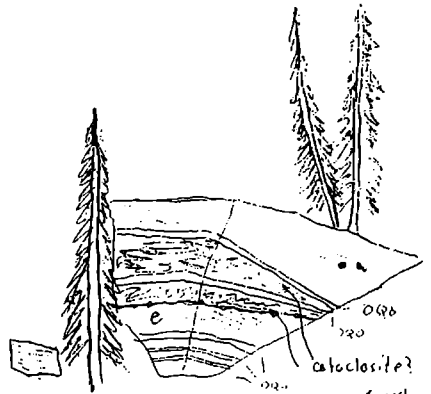
Sample R-26  
with porph

R-24 o/c SW of NW end of trench 1.5m high  
banded calc. silt. (w. calcaren) & qtz mls  
schist. with qtz banding  
Also ~~two~~ flat 1'-18" qtz vein  
running length of o/c  
Vein = 120°/39°S  
S<sub>2</sub> above vein = 118°/27S  
S<sub>2</sub> below vein = 122°/31°S

R-25 o/c NE of NW end of trench  
2' in height. This o/c of qtz 1" to 2" platy  
looking PSZ banded of musc. biot schist with minor  
calc siliceous bands. essentially 1C though.  
NW top of o/c is post D<sub>2</sub> fold.  
S<sub>2</sub> = 105°/16°S  
Post D<sub>2</sub> fold / Axis 145°/7° dip  
axial plane 119/30°S

R-26 As you progress from R-25 to R-26  
o/c still essentially platy looking PSZ  
banded but becoming obviously  
1C qtz. felds musc. biot schist  
S<sub>2</sub> = 147°/22°S  
L<sub>21A</sub> = 329°/4°

2 sample R.27



R.27 on top of knob below. 25-26  
 is 5m x 1.5m high white weathering of  
 of P22 banded calc-silicate & matrix schist  
 $S_2 = 132^\circ / 25S$   
 $L_2 + N = 154^\circ / 11 \text{ dip}$

R.28 5m high of c continuation of R.25  
 10m NE R.25 Sed Diag platy looking  
 P52 banded white weathering  
 of of QFMB schist  
 2 prominent 6"-8" quartz veins  
 run along of margin of SE end.  
 The area peripheral to OQO vein  
 pinky banded calc-silicate looking  
 especially for 18" below lower  
 red rounded fragments visible.  
 appears to be sub/S<sub>2</sub>.

- a)  $S_2 = 120^\circ / 18^\circ S$
- b)  $S_2 120^\circ / 6^\circ S$
- c) Mercut of cata. zone =  $120^\circ / 18^\circ S$
- d) OQO  $143^\circ / 18^\circ S$
- e) Cata zone low cont.  $125^\circ / 17^\circ S$

This zone runs around of c for 8m

R-29 45m plns

R-29 o/c in track calc-silicate gneiss  
no quartz 37%  
S2 = 45/23°S  
L21n = 153/5° dip

R-30 20m off trail low o/c of  
calc silicated marble & calc sil banded  
1" to 2" cf. R-29  
S2 = 117°/30°S

R-31 opposite ski-hall o/c of white x-line  
marble 1.5' high with 0.6 m flat qtz  
vein at base  
dip of 020 = 032°/22°S

R-32 10m upstream from R-31 2m high  
2m wide o/c of Q-F-AB schist IC  
This would overlie R-31 if S2 = S0  
S2 = 104°/18°S

R-33 At mouth of side stream from NE  
3m x 1M high o/c of white x-line marble  
with qtz bandings o/c has heard a little

R-34 down stream from R-33 25m  
o/c 5m x 2m high with quartz, biot-musc  
qtz schist IC  
S2 = 164°/6°W o/c possibly heard.

3 samples

- R-35 is large 60m x 7m high mostly weathering massive o/c of QFMB schist IC with large porphy of 2cm andalusite on S<sub>2</sub> surfaces  
PS<sub>2</sub> banded  
S<sub>2</sub> = 170°/110w
- Note these are 15 to 1m gte veins at base of o/c subj to S<sub>2</sub> many 25m along o/c.
- R-36 between R-35 and bridge to stic calcs. small o/c of white x-line marble. wobbly.

R-37 on opp side sw side of creek from R-35 6m high 15m long o/c of banded calc silicified and marble SD. 1.5 m from top is 0.3 m calc silicified zone running length of o/c subj to S<sub>2</sub> gte banded at base of this zone.  
S<sub>2</sub> = 128°/250S  
calc sil & marble from 1.5m banding.

June 2

- Up Leden Creek
- R-38 large o/c below powerline  
 W.X. Marble at base 3m exposed  
 oxidation by mylaritic looking musc. bit.  
 garnet schist, 7m exposed
- $S_2 = 120^\circ/215$   $L_2 + A = 150/14^\circ$  dip

sample  
R-38Contact is sharp //  $S_2$ .

AV hyp of o/c 15m from centre power line  
 is hyp of c/p #2 GAL 259  
 Aug 26, 1976  
 G. Wilson  
 Untograd.

June 3

From view perspective 1634  
 Stand at 24E + 11N on pasture

AV 337 m near 23N vs  
 SW end of trail 150' long all o/b

(AV tip) hit 27N. At 300 m  
 (bush) changes to single pines

AV 526 m trail at backhouse  
 near site

540 creek overflows

AV 570 m X like.

Along X-line to SW  
 at 30 m cross in creek  
 grain falls in creek (1 foot)

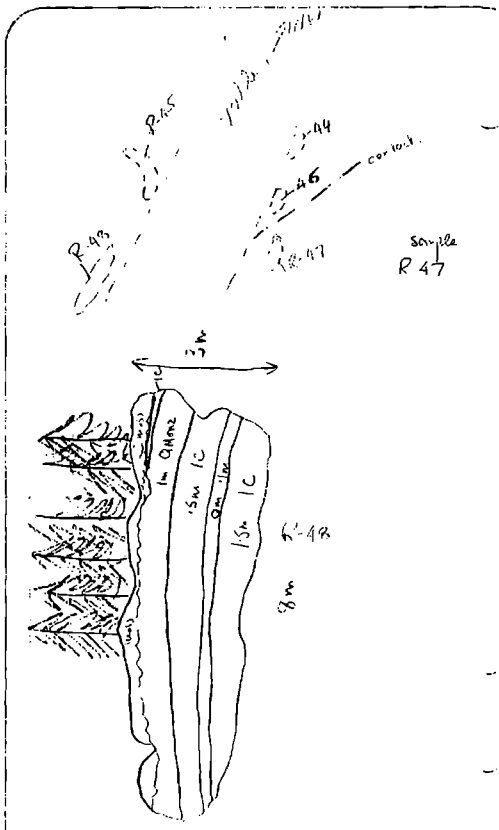
AV 97 open swampy area  
 on NE side o/c of black  
 granite boulders in low area

R-39 7th - best - several gls martz. weakly  
 foliated sample. joints 70°/E, 165°/80W

R-40 145m along fol gls martz on  
 NE side

R-39





opposite R 45 are two outcrops

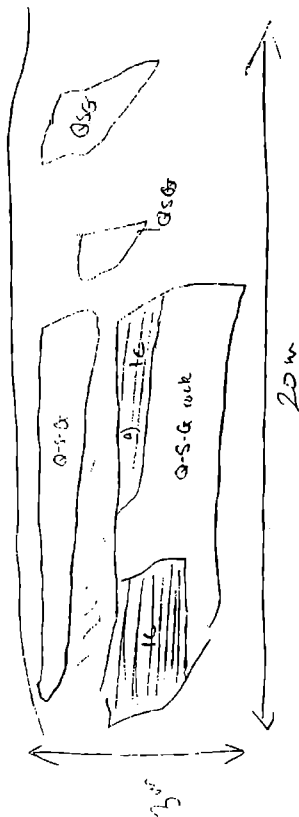
R-46 is g.f. biotite schist  
 $S_2 = 165^\circ / 65^\circ \text{NE}$   
 $k_2 \text{ in} = 156^\circ / 6^\circ \text{ dip.}$

R-47 is g.f. of f. toward grained, equigrained  
 gtz-monzonite essentially unfoliated.

Contact not observed between 4-6 & 4-7

R-48 at 353m outcrop with two  
 foliated f.g. gtz-monzonite toplitic sills  
 // to  $S_2$  and foliation also //  $S_2$ . These  
 intrude of feld. biotite schist. IC.  
 See Diag. <sup>in case</sup>  
 $S_2 = 146^\circ / 36^\circ \text{SW}$   
 samples of IC and oplitic rock  
 with tremolite.

170°/83°E



17

R-49 at 414 m SW side of valley,  
3m x 2m high, qt of Qtz-biotite schist  
of bands dominate.  
 $S_2 = 127^\circ/29^\circ SW$

R-50 at 451 Qtz vein 7m wide  
dip 116/37°N brecciated with Qtz  
monzonite

R-51 30m SW low 10m x 1m high  
of Qtz-feld. biot. schist.

R-52 Small aplitic dyke with  
terminating joints at 85°/48°N  
microcrysts of garnet also

R-53 low knob in middle of valley  
appears to be right or tail of  
batholithic Qtz-senecite-garnet  
intrusive //  $S_2$  foliation

$S_2 = 151^\circ/24^\circ W$

joints // to valley 170/83°E

R-54 Qtz. Sericite - talc  
alt. of Mongic of batholith  
course of mineral (Tin?)  
See sample 59m

R-55 At 552 low o/c in middle  
of valley of hornfelsed interbedded  
calc-silicate? and biotite schist.

See sample mineral in calc-sil bands  
 $S_2 = 142^\circ / 22^\circ SW$

R-56 Interbedded <sup>qtz</sup> biotite schist and  
calc-sil bands weakly calcareous  
 $\frac{1}{2}$ " thick.  
 $S_2 = 132^\circ / 21^\circ SW$

R-57 Hard 3" banded strongly calcareous  
calc-silicate 3D on SE ~~side~~ cut line  
 $S_2 = 117^\circ / 10^\circ S$   
This overlies p gneiss to NW.

Back at line crossing of creek  
head along line to NW  
At 25 m cross creek facing  
from NNE  
5m cross creek

At 133m cross major 1m creek.

Head to powerline

From powerpole 1637 head  
NW along powerline

R-58 at 37m SW of line 15m o/c  
IC mus. biot schist.  
S<sub>2</sub> = 160/110S  
L<sub>2+3</sub> = 182°/2°

R-59 <sup>175m</sup> o/c of muschelid schist IC 15m high  
2m long  
S<sub>2</sub> = 155°/210S

1638 188m

R. 60 below powerpole very weakly  
of musc biot schist IC with  
qtz bands and prominent  
garnets  
S<sub>2</sub> = 155°/22°W



R- 66 20m x 1.5m o/c of QFB schist  
 $S_2 = 5/17^\circ W$

R- 67 15m long o/c // to creek N side  
 $S_2 = 145^\circ/12^\circ S$   
QFB schist k

R- 68 QFB schist  
 $S_2 = 010^\circ/15^\circ W$

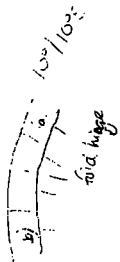
R- 69 platy white r. hko. marble  
 $S_2 = 175^\circ/10^\circ W$

R- 70 3m high x 15 long to road  
 1/2 m x 1/2 m marble c small field  
 plunging SE

a)  $S_2 = 80/30^\circ S$

b)  $S_2 = 45/16^\circ SE$

sample  
 R- 68



June 5/85 Overcast  
10:45 am v.w. spits 16°

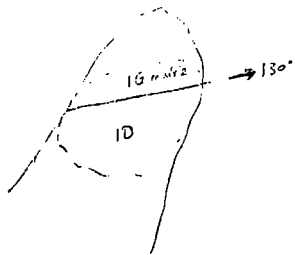
- Mapping from clearing at Δ VG-13

R-71 o/c of platy to massive marble  
with black amphibolite bands  
S<sub>2</sub> = 104/110°

3 sample R-72

- R-72 Exposed in trench in foot wall contact  
g grey x-line marble underlain  
by musc. biot-andalusite schist 1D  
1D has dark andalusite garnets  
on S<sub>2</sub> surfaces. Looks like 1D R72a)  
in Faro pit. Also cf. R-68.  
Also bulldozed up is minor chlorite schist (R72b)  
f chlorite altered biotite schist  
almost looking like metabasite on  
weathered surfaces (R72c)  
At marble/schist contact garnets are  
well developed in schist.

S<sub>2</sub> = 165°/14W  
chloritized joints (1' to 6") = 70°/L  
joints 150/80°E  
Mineral lineation = 164/5'dip



25  
 R-73 Bulltoss of subcrop and low o/c.  
 of to south musc. hist. andalusite schist ID  
 in contact with to north white x-tize  
 marble. Trace of contact on ground  
 trends at  $130^\circ$ .

$$S_2 = 140^\circ / 12^\circ S$$

note 2" to 4" elongate x-striae of  
 andalusite on  $S_2$  surfaces

R-74 3m x 1m high o/c of g/m b schist  
 15-20 W subcrop of ID.

R-75 5m x 1m high o/c of platy marble  
 same band as R-73

$S_2 = 170^\circ / 11^\circ S$  This block may have  
 heaved.

R-76 low o/c of platy marble  
 note a spring appears between  
 R-75 - R-76 with good flow of water

From VG-13 head along telephone line.

At 62 m x cut line

At 73 m x strike 18°

At 136 m flat or subcrop of marble

At 307 m x cut line near bridge  
 condensed area

At 82° 57m from 307m  
strand of large o/c

R-77 16m long x 2m high o/c of  
g.f. muscovite schist IC  
 $S_2 = 175/120 \text{dip}$

AV 430m cross cut line used by gneiss  
AV 509m at pole o/c 100m long L<sub>1</sub>  
AV 565m cross cut line

AV 758m  
R-78 large o/c of g.f. muscovite schist IC  
 $S_2 = 139^\circ/18^\circ \text{dip}$   
 $L_{2+n} = 180/14^\circ \text{dip}$   
o/c to 775m  
o/c of some 20m long L<sub>1</sub>

823m trail to L SW toward head down.

At 25m low o/c of muscovite-biotite schist  
R-79 - andalusite ID?  
 $S_2 = 122^\circ/15^\circ \text{dip}$   
 $L_{2+n} = 172/110^\circ$