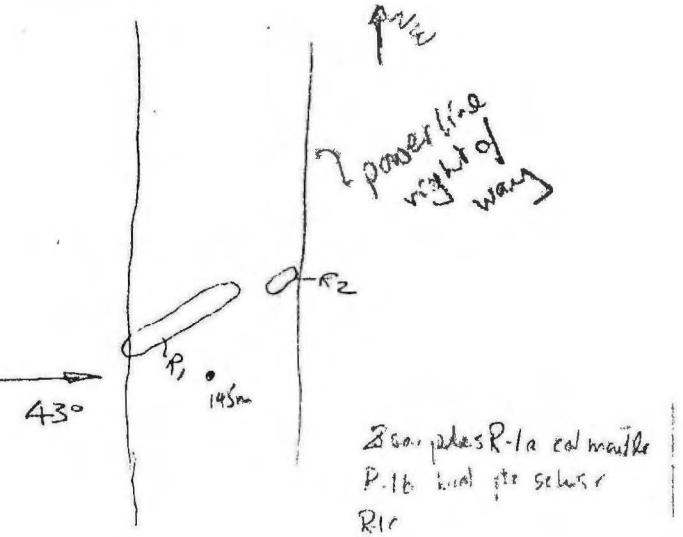


2 samples R-1a calc mafic
R-1b biot qtz schist
R1c

sample R-2

MAY 30/1985

8:00am Dark 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
at 145 m centre of power line
of. This is flagged point 0 head
NW along power line — at 20 m
along p.l. cont. of o/c R-1
315' high 30m long
S2 = 138°/23°S o/c of calcsilicated marble
and biot-qtz schist interbanded
2" to 4" and minor qtz boudins 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 calcsilicate
≅301? pronounced mineral
lineation
S2 = 142°/18°S
Ln = 153°/2° dip This o/c underlies R-1
if no fault between.

R-3 81m from O low o/c 5'x5'x1.5' high qtz-biotite schist with calc-silicate interbands. These bands in places calcareous. Also narrow injection vein (R-3c) 1" to 8" across of hololeucocratic monz. aplite.
S2 = 164°/18°S
Mineral Lineal trend 164° o/most 0° dip
Injection vein trend 26° (over rubble)

3 samples
R-3a
R-3b
R-3c

R-4 115m from O 15'x5'x6" high o/c just to W of centreline of P.L.
S2 = 141°/15°S rusty weathering o/c 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	

R-5 at 495m low rubbly o/c rusty weathering. Calcsilicated marble with narrow biotite schist interbands minor pg

sample R-5

R-6 at 515 m downhill from R-5 low 5' x 8' x 8" o/c of mine msv calcsilicated marble with black biotite partings minor py.

sample R-6

$S_2 = 45°/15N$

At 586m cross lm stream

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

At 632 m P.P. 1636

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

At 795 picketed line mainly at 215°
L-0 700 /16N at power line
15' SW of centre

840-858 Subcropping of moty weathering g-f-m-b schist lc

(R-7)

R-7 At 874 subcrop of metabasite and g-f-m-b schist lc longest subcrop of metabasite 2'

Sample R-7

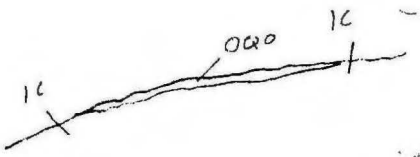
At 885 old bulldozed line to road

At 909 m P.P.'s 1637

Head down old trail to claim line SW.

R-8 AV 71 m along trail from centre of power line/low o/c crosses trail 18" high extends 30' nw rusty weathering IC q.f.m-b schist. $S_2 = 165/8°W$
AV 80 m is top of low knob with IC and bull qtz vein.

AV 89 m top of o/c with qtz vein 2" thick o/c ing // S_2 un



R-9 at 98 m sw side of knob o/c of quartz-feldspathic-musc biot. schist to SW is 30' long 4' high o/c with stream coming from base higher biotite-qtz content here.
PS2 dominant
$S_2 = 122°/19°SW$ & $130°/11°SW$

Sample R-9

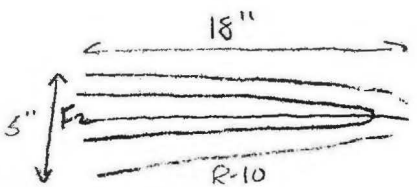
AV 159 m is claim line and claim post #2 RR#1
post #1 RR#2 just to left of trail ie SE 6'.

May 31 Sunny

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

40m NW is RR2 No2 post
RR3 No1 post.

Head up Line near R-6 from creek
Creek/line intersection 0.

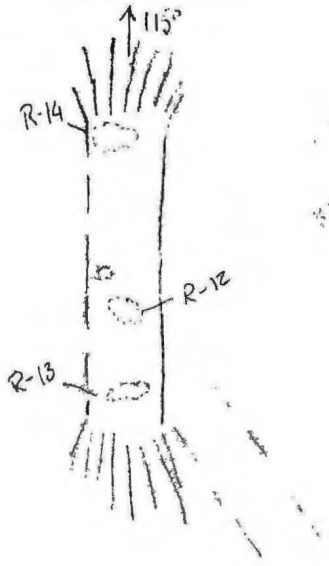


At 44 o/c 20m to right near creek.
R-10 Muscovite biotite schist with 1" to 2" bands greenish qtz or calc-sil here is S2 fold
S2 = 42°/20°NW
Fz Axis 316°/21° (See R-15

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

22m along trail is subcrop
R-11 biotite-quartzite - hard green mineral
S2 66°/14NW poss trust heaved?
is this calc silicate?

sample R-11



AV 44m at 80° is trench heading at 115° heading to creek 25m long

sample R-12

R-12 o/c in trench of calcsilicate marble in mgte
S2 = 32/16°NW post D_2 fold axis 325/16

post D_2 axial plane 140°/71SW
Z symmetry.

R-13 also calcsilicated marble more platy than R-12

R-14

R-14 Musc-biotite schist with 1in calcsil bands containg mgte rusty weathering
S_2 = 36°/22°NW
biotite bands dark rusty brown
from here to R-13 apparent thickness is 3m.
sample is of hard band
1st impression is this is IC

Head down stream

R-15a
R-15b

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 calcsilicated marble overlying in trench.

Since S_2/S_0? dip NW more steeply than creek then overlying calc sil marble of R-11 to R-14 If no faults etc R-11 to R-14 pass equall to R-5-6

Hr 530 & 8E + 32N

Hr 688 595 n facing o/c

R-16
S_2 = 121/16S on o/c further s from line QFM Bschist finely crenulated.

Hr 608 small stream on s side of knob

R-17 next to line QFMB schist
S_2 140°/10° SW

sample R-18

R-18 SE end of large o/c 10-15' high 1C of muse-biot schist unit
·5 cm porphs of andalusite weakly F_2 crenulated
S_2 = 122°/16S, 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
o/c of IC QFMB schist with 1.5 cm
garnets & andalusite.
S2 = 143/26°S
abun. garnets to upper part of o/c

R-20

R-20 SW side of gully 8m high 40m long
QF m.b schist
S_2 = 100/14°SW on NW side
2' joint 85/55°SW on NW side

20m from lines crossing are
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
moose trail

At 291 0+00/3.5N

Alt 0 + 28N 503 N base
g knob no o/c

June 1/85 Sunny hot.

Up trail from road towards o/c 775.

Sample R21

R-21 approx 150m from powerline uphill. low o/c on left of trail Calc-arenous calc-sil. bands & Qz biotite schist similar to R-2

2m left 3D float

S2 : 127°/26°S
L2rN = 160°/5° dip.

Approx 30m up trail 2m to right SW claim 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 ripped up is calc-silicate gneiss looks like 3D tome
S2 ~40°/16W poss mineral lineation.

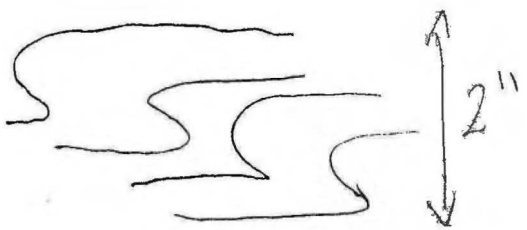
Sample R23

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

R-24 o/c SW of NW end of trench 1.5m high banded calc-silt. (w. calcareous) & qfmb schist. with qtz boudin
Also two flat 1'-18" qtz vein running length of o/c
Vein = 120°/39°S
S_2 above vein = 118°/27S
S_2 below vein = 122°/31°S

R-25 o/c NE of NW end of trench
2' in high Two o/c of 1" to 2" platty looking PS2 banded QF musc biot schist with minor calc silicate bands. essentially IC thou'
AV top of o/c is post D_2 fold
S_2 = 105°/16°S
Post D_2 fold Axis 145°/7° dip.
Axial plane 119/30°S

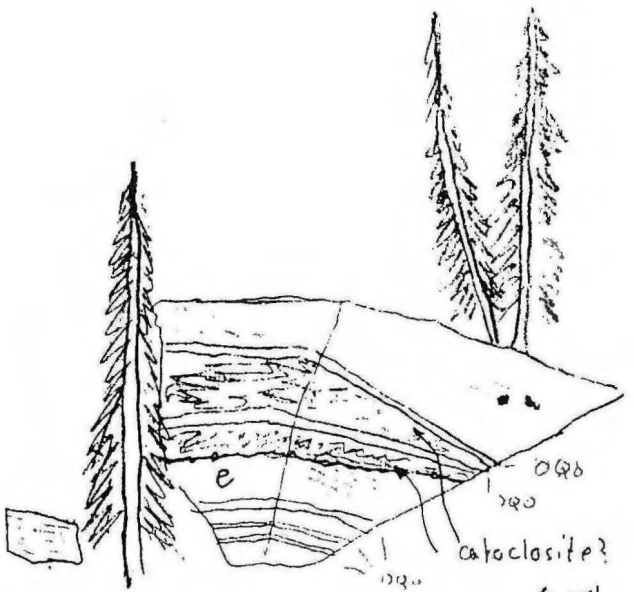
2 Sample R-25
post D_2 fold looking SW

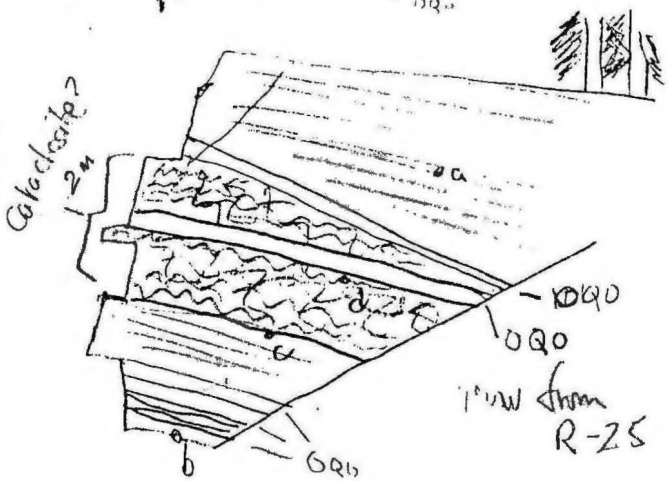


Sample R-26 with porph

R-26 As you progress from R-25 to R-26 o/c still essentially platty looking PS2 banded but becoming obviously IC qtz-feldspar musc-biot schist
S_2 = 147°/22S
L_{2+1} = 329°/4°

Sample R27





R·27 on top of knoll between 25-26
is 5m x 1·5m high white weathering o/c
of ezd banded calc-silicate & mafic schist
S_2 = 132°/25S
L_{2+N} = 154°/11 dip.

R·28 5m high o/c continuation of R-25
10m NEof R·25 See Diag platty looking
PS2 banded white weathering
o/c of QFMB schist
2 prominant 6"-8" quartz veins
run along o/c merging at strand.
The area peripherial to QQO veins
punky banded cataclasite looking
especially for 18" below lower
vein rounded fragments visible.
appears to be sub// S_2.

a) S_2 = 120°/18°S

b) S_2 120°/16°S

c) Inverted Cata. zone = 120°/18°S

d) QQO 143/18°S

This zone runs around o/c for 8m

e) Cata zone lower cont. 125°/17°S

R29 4 samples

R-29 o/c in trench calc-silicate gneiss
no question 3D.
S2 = 145/23°S
L2+n = 153/5° dip

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

R-31 opposite ski-hill o/c of white x-line
marble 15' high with 0.6 m flat qtz
vein at base
dipping 000 = 032°/22°S

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

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

then R-34 down stream from R-33 25m
o/c 5M x 2m high rusty weathering biot-musc
qtz schist IC.
S_2 = 164°/6°W o/c possibly heaved.

3 samples

R-35 is large 60m x 8m high mostly weathering massive o/c of QFMB schist IC with large porphs of 2cm andalusite on S2 surfaces
PS2 banded
S_2 = 170°/11°W
Note these are 0.5 to 1 m qtz veins at base of o/c subparallel to S_2 running >5m along o/c

R-36 between R-35 and bridge to stn cabin small o/c of white x-line marble rubbly.

R-37 on opp. side SW side of creek from R-35 6m high 15m long o/c of banded calc silicate and marble
3D. 1.5 m from top is 0.3 m calcsilicate zone running length of o/c subparallel to S_2. qtz boudins at base of this zone.
S_2 = 128°/23°S
calc sil & marble ±2m from 1.5m banding.

June 2

Up Leduc Creek

R-38 large o/c below powerline
W.X. marble at base 3m exposed
overlain by mylonitic looking musc-biot-garnet schist 7m exposed
S_2 = 120°/21°S L_2+A = 150/14° dip

sample R-38

Contact is sharp // S_2

Av typ of o/c 15m from centre power line is c.p. #2 GPAL 259

Aug 26, 1976
G. Wilson
Untagged.

June 3

From near powerline 1634
Start at 24E + 11N on powerline

At 337 m near 23N is
SW end of trench 150' long all o/b

At top of hill 27N. At 300 m
brush changes to small pines

At 526 m trail at buckbrush
near stream

540 creek overflow

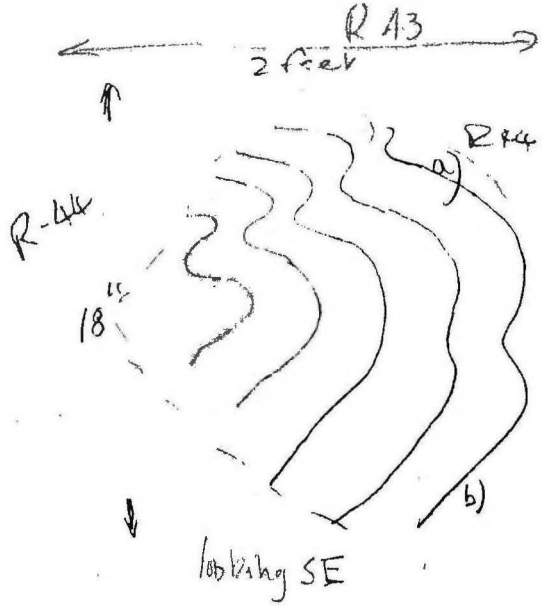
At 570 m X line.

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

At 97 open swampy area
on NE side o/c of blcky
granite boulders in low area

R-39 R-39 The biot-sericite qtz monz. weakly
foliated sample. joints 70°/⊥, 165°/80W

R-40 145m along fol qtz monz on
NE side



R-41 foliated musc-biot gtz marz

R42 at 180m " " " " " boulders
north place

AV 219m X cut line
nearby is large angular boulders
of calc-sil and fol. gtz marz

R-43 269m float of silicified
pyritized calc-silicate float, orange
rusty stained

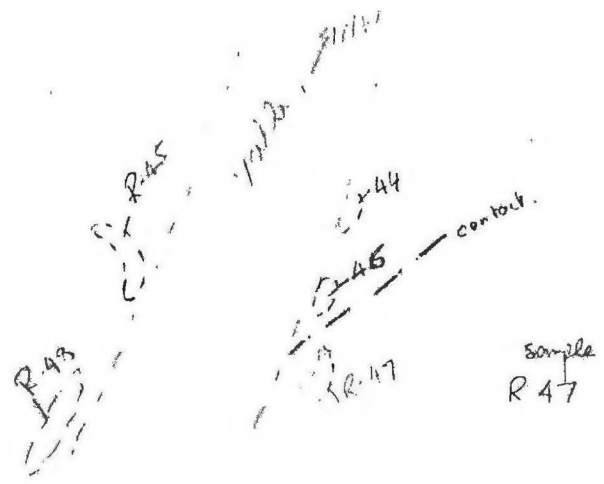
R-44 NE side of valley,
small o/c of g.f.biotiteschist IC
more quartzitic than av marz.
Post-S2 fold
Axis 152° / 10° dip axial plane 150/11°NE

a) 125° / 22° SW

b) S_2 166°/63°NE.

At 335 m R-45 see A.C's notes

R-45 QF-MB schist QF bands ½ mm thick
S_2 = 141/23 SW
S_2 in ~~green~~ = 120/45 SW

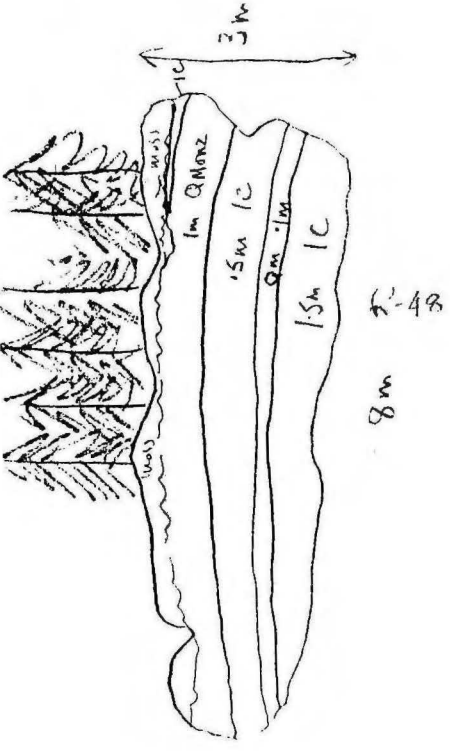


Opposite R 45 are two outcrops

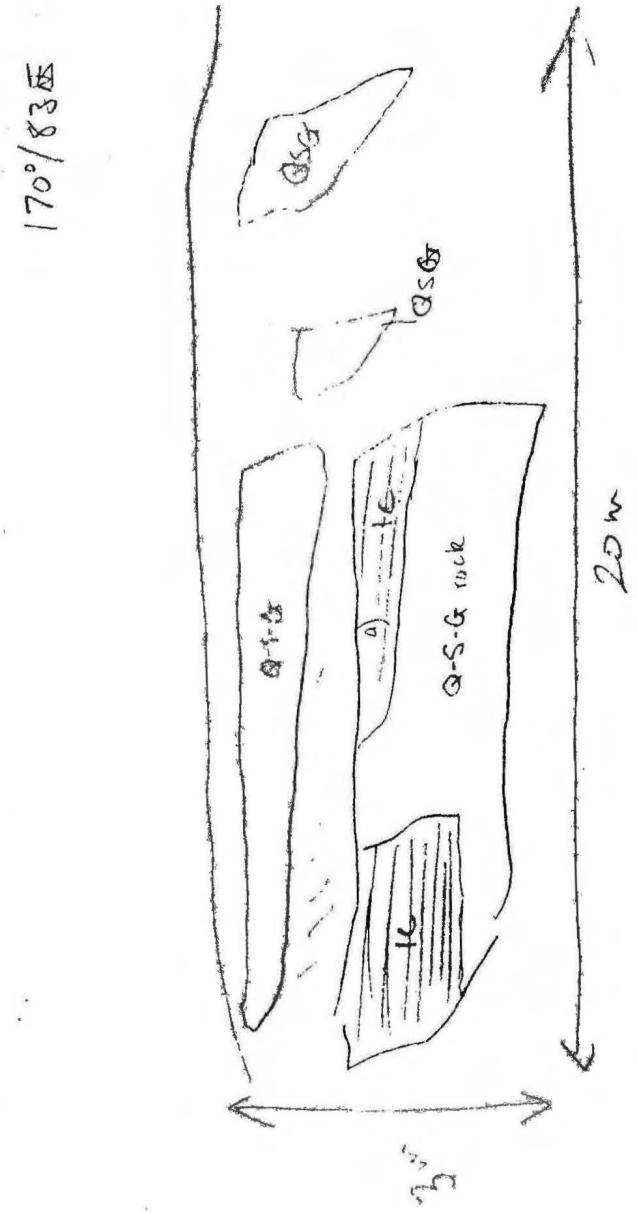
R-46 is q.f. biotite schist
$S_2 = 165°/65NE$
$L_{2in} = 156°/6°$ dip.

R-47 is o/c of f. to med grained equigranular qtz-monzonite essentially unfoliated.

Contact not observed between 46 & 47



R-48 at 353m outcrop with two foliated f.g qtz-monzonite aplite sills // to S_2 and foliation also // S_2. These intrude q feld. biotite schist. IC. See Diag. I_{mus}
$S_2 = 146°/36°SW$
samples of IC and aplitic rock with tourmaline.



R-49 at 414 m SW side of valley
3m x 2m high o/c of QF-biotite schist
QF bands dominate.
S_2 = 127°/29°SW

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

R-51 30 m SW low 10m x 1m high
o/c qtz-feld biot schist.

R-52 Small aplitic dyke with
tourmaline joints at 85°/80°N
micro cryst of garnet also

R-53 low knob in middle of valley
Appears to be right at contact of
batholith Qtz-sericite-garnet ss
intrusive // S_2 foliation

S_2 = 151°/24W

joints // to valley 170/83°E

R-54 Qtz. sericite - tourmaline
altn. of margin of batholith
Coarse grained (Tin?)
See sample 591m

R-55 At 552 low o/c in middle
of valley o/c of hornfelsed interbanded
calc-silicate? and biotite schist.
See sample minor calcite in calc-sil bands
$S_2 = 142°/22°SW$

R-56 Interbanded qtz-biotite schist and
calc-sil bands weakly calcareous
½" thick.
$S_2 = 132/21°SW$

R-57 Hard 3" banded strongly calcareous
calc-silicate 3D on SE ~~the~~ cut line
$S_2 = 117°/10°S$
This overlies p qtzite to NW.

Backbone line crossing over creek head along line to NW
At 25 m cross creek flowing from NNE
51m cross creek

1W 133m Cross major. 1m creek. Head to powerline

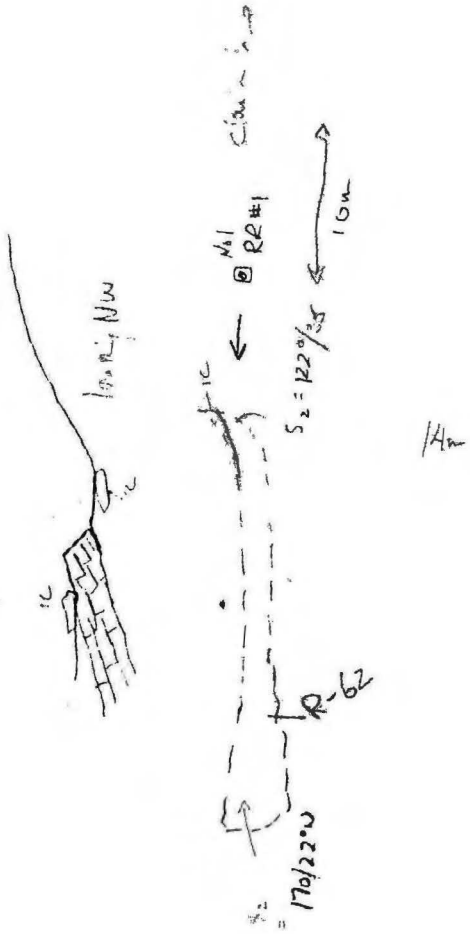
From powerpole 1637 head NW along powerline

R-58 at 37m SW of line 15m o/c IC mus-biot schist.
$S_2 = 160/11°S$
$L_{2+n} = 182°/2°$

R-59 qfc ^ 175m qf musc biot schist IC 1.5m high 2m long
$S_2 = 155°/21°S$

1638 188m

R-60 below powerpole rusty weathering qf musc biot schist IC with qtz boudin and prominent garnets
$S_2 = 155°/22°W$



R-61 at 242 m. large o/c of qfmb schist.
S_2 = 170°/10W

250m up o/c S_2 = 185°/11°W
L_{2+n} = 350/5° dip

AV 366 m p.p. 1639

Head down cut line at 416m

o/c at 168m 178m is claim line

R-62 at 168m is 2.5m high x 30m o/c of white x line marble 1" to 1.5" banded occasional qtz boudins
S_2 = 122°/35 SW at IC near claim post.

S_2 = 170°/22°W

R-63 o/c qtz feld musc bast schist IC underlying marble

R-64 ~~15m~~ x 1m high o/c of IC
S_2 = 155/22° SW

R-65 QFMB schist IC
S_2 = 165°/10W
joint running along o/cs = 75°/⊥ 2'

R-66 20m x 1.5m o/c of QFB schist
S_2 = 5/17°W

R-67 15m long o/c // to creek NW side
S_2 = 145°/12°S
QFMB schist lc

sample R-68

R-68 QFB schist
S_2 = 010°/15°W

R-69 platy white fine grained marble
S_2 = 175°/10W

R-70 3m high x 15 long to road
white fine marble c small fold plunging SE
a) S_2 = 80/30°S
b) S_2 = 45/16°SE

June 5/85 Overcast
10:45 am rain-spits 16°

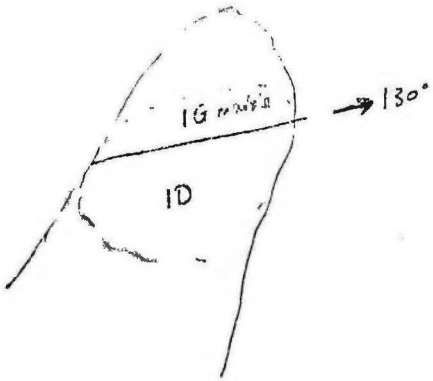
Mapping from clearing at △ VG-13

R-71 o/c of platty to massive marble with block amphibolite bands
$S_2 = 104/11°S$

R-72 Exposed in trench is foot wall contact of grey xline marble underlain by musc. biot-andalusite schist ID has dark andalusite growths on S_2 surfaces. Looks like ID R72a) in Faro pit. Also cf. R-68.
Also bulldozed up is minor chlorite schist R72b) & chlorite altered biotite schist almost looking like metabasite on weathered surfaces R72c)
At marble/schist contact garnets are well developed in schist.

3 samples R-72

$S_2 = 165°/14W$
chloritised joints (1" to 6") = 70°/⊥
joints 150/80°E
Mineral Lineation = 164/5° dip



R-73 Bulldozed subcrop and low o/c of to south musc-biot andalusite schist 1D in contact with to north white x-line marble. Trace of contact on ground trends air 130°.
$S_2 = 140° / 12°S$
note 2" to 4" elongate x-stals of andalusite on S_2 surfaces

R-74 3m x 1m high o/c of qfmb schist 15-20 W subcrops of 1D.

R-75 5m x 1m high o/c of platty marble same band as R-73
$S_2 = 170°/11°S$ This block may have heaved.

R-76 Low o/c of platty marble
note a spring appears between R-75 - R76 with good flow of water

From ΔVG-13 head along telephone line.

AV 62 m x cal line
AV 73 m x strea 18°
AV 136 m float or subcrop of marble
AV 307 m x cal line near large bulldozed area

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

R-77 16m long x 2m high o/c of
q-f musc biot. schist IC
S_2 = 175/12°W

AV 430m cross cut line used by game
AV 509m at pole o/c 100m to right
AV 565m cross cut line

AV 758m
R-78 large o/c of q-f musc-biot schist IC
S_2 = 139°/18°S
L_{2+n} = 180/14° dip
o/c to 775m
o/c of some 20m to right

823m trail to L SW to road headdown.

At 25m low o/c of muscovite-biot. schist
R-79 -andalusite ID?
S_2 = 122°/15°S
L_{2+n} = 172°/10°