

SC Geology Field maps  
824241  
1986

Line  
90N  
SC  
July 17/86  
Pekoy

00102+60

carbonate altered!  
argillaceous 3.1? <sup>22-30</sup>  
It brown-grey to black, laminae  
1mm, up to 5mm thick, laminae  
irregular laminae to massive  
no quartz eyes.  
- trace of phyllopor with carbonate  
alteration.  
- abundant rust spots 10-12p  
carbonate alteration or rusted  
pyrite.

101

104

105

100

BR860045

0405 0112

unconsolidated  
flood.

0015

101

100E

150

101E

150

102E

3011

4.1 altered.  
 massive med green intermediate or  
 white? in 15% grade zone (<1mm)  
 - no visible feldspar lath  
 - 3% rusty spots disseminated throughout  
 - altered Diorite

BP86 3011

191N



1911

103

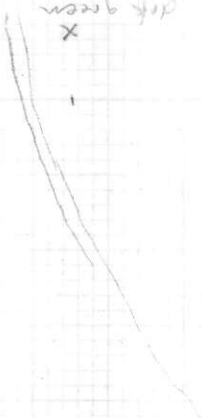
150

104

150

105

X  
dtk green  
to grey QEP  
rhyolite



Patch  
SE Grid  
1911  
July 13/16

Purdy  
July 18/80  
SC Gvid  
L92 N

rusty SC  
hand  
sample  
L92 N  
103+12 E

+25

granular, sugary textured  
rhyolite subvol?  
11. brown green colour, 103 E  
fg feldspar quartz eyes  
is unidentified mafic mineral 3-5%  
carbonate on fractures, rust stain.  
BP86 3012. altered diorite!

+50

102 E

+50



101 E



L95N  
July 15/86  
Bar SC D  
Pardy  
L95N

10345

104

104+50

0041  
0042  
0043

3.1 BR860043  
dk grey massive rhyolite  
flow sparse feldspar phenos 5%

massive lit 3.1  
green rhyolite  
to 5-10'  
embeded feldspar  
massive flow

BR860042 36  
breccia, difficult to  
get sample  
dk green qtz matrix w buff  
colored kalc fragments

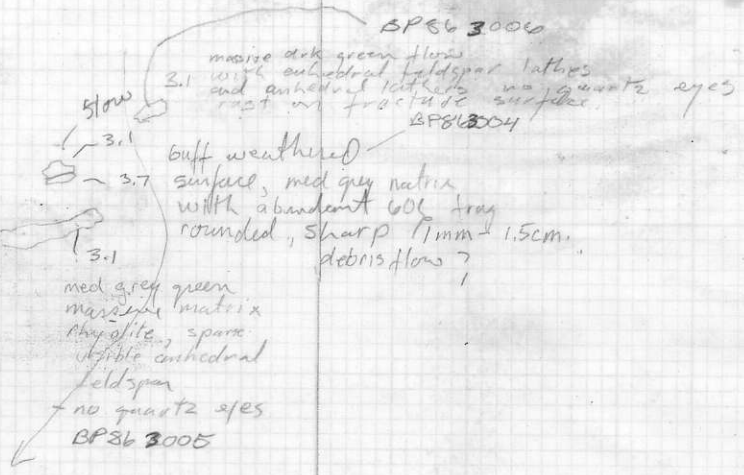
105

flow banding?  
3.1 022/85W  
massive dk grey-green  
rhyolite w predominantly  
embeded feldspar  
phenos 5%  
BR 86 - 0041

105+50

HARDY  
 July 15/86  
 CFC  
 BAR - SC 67  
 L95N

105+50



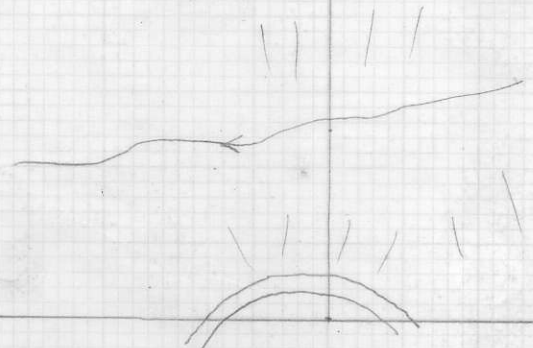
106

150

25

+50

107



107+50 E

Litho ✓  
geology ✓ L96N

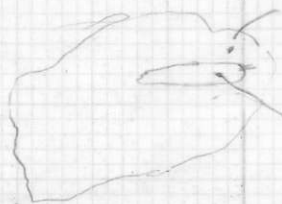
July 15/86

July 17/86

1023  
1024  
1025  
1026

102 E

BR1023 grey matrix qfp



BR1024 511 qfp

white to lt grey matrix, highly siliceous

- 3-5% feldspar ghosts
- approx 5% quartz eyes, 1mm
- 2% pyrite, mostly on fractures
- jointing 360°/105° N
- well developed quartz veins on joints

BR1025

BR1026 dk grey weathered surface

to green weathered surface

lt green massive

dyalite flow

to minor (<1%)

quartz eyes (2mm)

no distinct contact.

dark grey matrix, aphanitic

minor quartz eyes & holes

approx 4-5% feldspar lathes

calc pheno's

possibly a flow rock.

up to 1% rust spots diss. in rock.

completely massive and massive with quartz eyes 5% (<1mm) with rust spots, 2%, in some places.

101 E

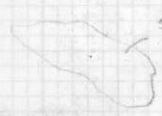
100 E

L96N



July 17/85

103 E



S.1  
 - dk grey to white matrix!  
 - massive grey matrix to  
 10% feldspar lathes to 5mm  
 1% quartz eyes 2mm  
 white variety is siliceous  
 in some part  
 - jointing? 352° / 60°N  
 - minor stockwork <sup>kin</sup> +50 siliceous variety

3010



S.1  
 - predominantly grey matrix - 5% feldspar lath up to 5mm  
 in minor phase of white siliceous  
 variety - lathes of quartz eyes, 1mm  
 - jointing 004 / 56W - joint from 2cm to 10cm  
 apart.  
 BP86 3010 - grey matrix  
 102 E



S.1  
 - white green siliceous variety  
 - good jointing in this phase 352° / 60W  
 2-5 cm apart  
 - jointing less pronounced in grey var.  
 - grey matrix  
 - 5-10% feldspar  
 - minor quartz eyes.

+50

101 E

more geology on other page!

2967



argillite

380  
68  
65

large blocks  
of massive s.l. in  
dark grey silicified  
argillite 6.5  
- minor black chert  
lenses.

108

107+s D

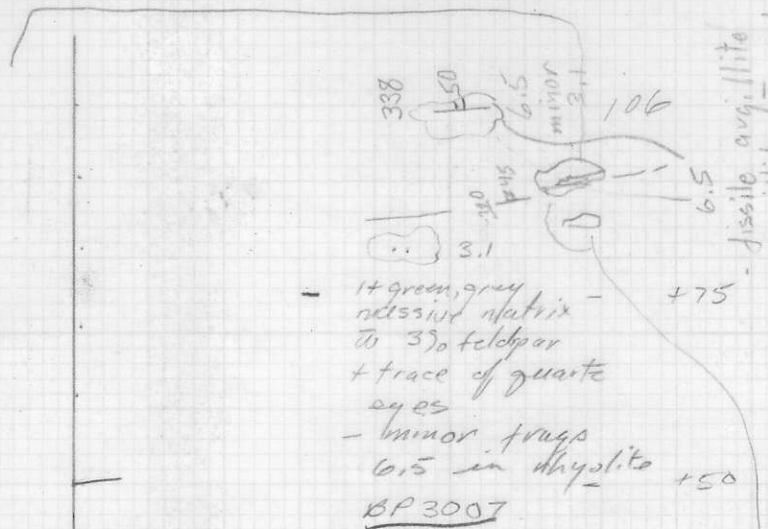
107

106150

106

L 96N

fissile argillite bed 6-10  
 inches thick contacts  
 a argillaceous rhyolite



3.1  
 + grey green  
 5% feldspar  
 some rust

105

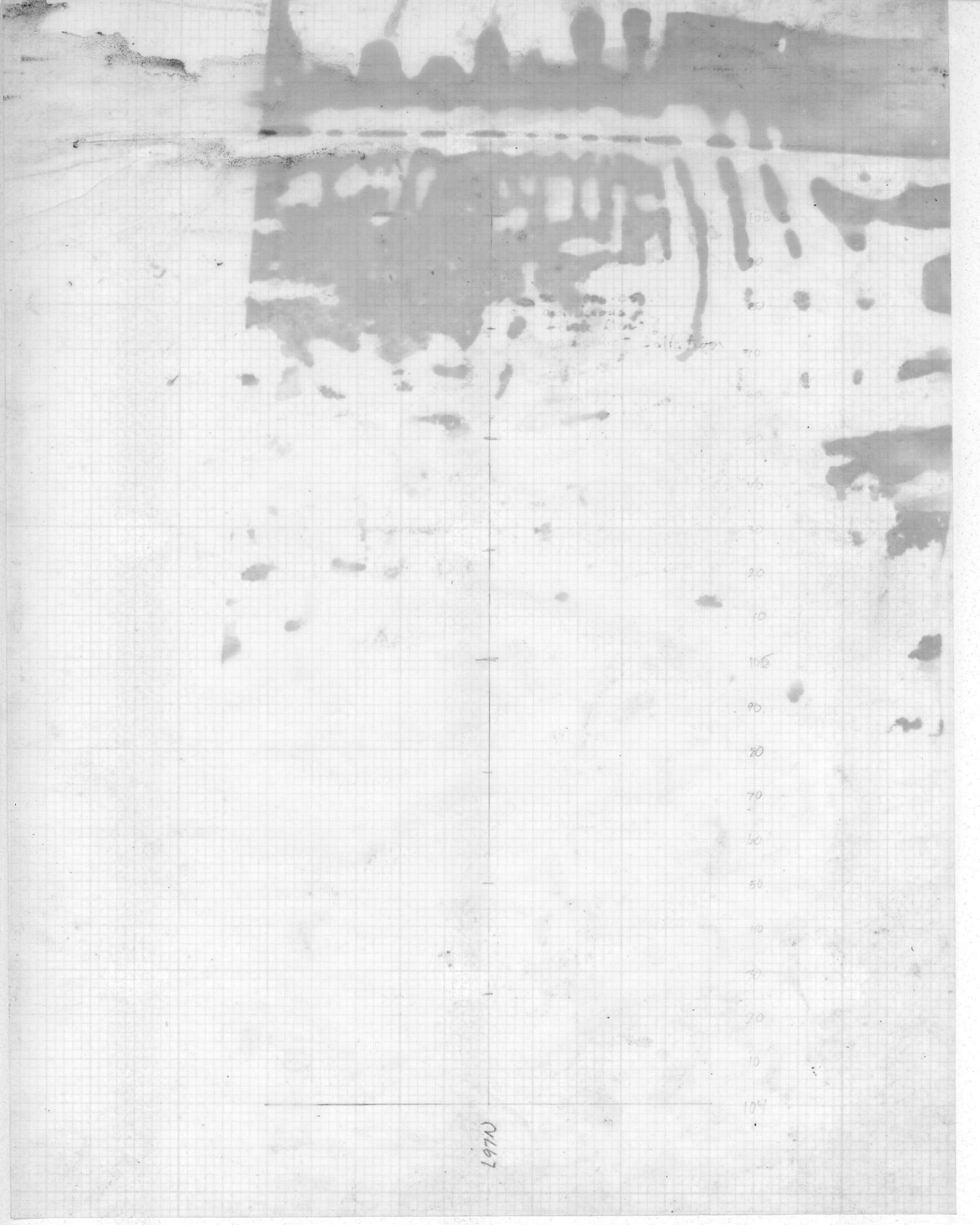
L 9576 N  
 105780 E

- +75

- +50

104

1967



1971

106  
90  
80  
70  
60  
50  
40  
30  
20  
10  
105  
90  
80  
70  
60  
50  
40  
30  
20  
10  
104



large OC  
+9 FP minor 5% 20  
F lathes up to 2um  
10% of rock mineral 5-8%  
- highly sil in places. 20  
- Q vein 5cm wide, barren.

102 E

90  
80  
70  
60  
50  
40  
30

- ① BR86-0027
- ② BR86-0028
- ③ BR86-0029
- ④ BR86-0030
- ⑤ BR86-0031

101 E

90  
80  
70  
60  
50  
40  
30  
20  
10

- It green massive matrix  
w minor feldspar, pland's  
(up to 1mm) and trace  
of quartz eyes.  
- generally 1-3% py  
- sericite? in one location  
- green colour could be  
massive -> pervasive  
epidote? alteration.

⑤ afp, 2% py, rst, st.  
v.sil flow

∞ afp v.sil  
flow

only afp 1-2% py rst

② afp 2-3% py, st, v.sil.  
20% afp 1% py, st.

∞ afp  
v.sil  
∞ afp, v.sil  
20% py

RL 100 E

- afp
- sq
- mg
- cg.
- vst- rusty
- st stockwork
- py - pyrite
- v.sil very siliceous

L 97 N

297N

104  
90  
80  
70  
60  
50  
40  
30  
20  
10  
103  
90  
80  
70  
60  
50  
40  
30  
20  
10  
102

FP BR86036  
BR86034 - 025%  
QFP 5% pp.

QFP  
visil  
+ trace py  
BR86  
0024

JP8604  
QFP white  
low  
2-10%  
WY - 3%  
Abundant  
in 1st st.

QFP  
visil  
EP  
conditions  
5cm.  
minor QFP  
nasty. - 4% iron up to 5%

BR86-0033

FP  
BR86  
0022

n = slope

L97N

50  
40  
30  
20  
10  
107  
90  
80  
70  
60  
50  
40

0038

black argillaceous  
rhyolite  
QFP

spc  
00  
Arg  
01/3/38

green matrix  
good Q eyes  
euhedral feldspar phenocrysts  
sample 388-07

crystals feldspar up to 2cm  
plagioclase ferromagnesian minerals  
quartz eyes 1-27/10 1mm 3mm  
good flow banding  
good section sample

388-033  
green  
QFP - or massive flow  
blocky  
no feldspar

L103N





L103 U

stack  
stack - x  
massive - x  
stratified - x

27+

88

152

120

152

88

88+88

100

152

100

10

10

10

100 ft  
massive  
x  
stack  
1-2 ft  
stratified

100 ft  
stratified  
x  
massive

10 x 96  
x  
block + block  
block

25

50

75

87

25  
80  
any flow  
banding 352

50

75

98

100

N 109 N

104 N

85 E

X<sub>2</sub>

X<sub>1</sub>

X<sub>2</sub>

X<sub>1</sub>

X<sub>2</sub>

X<sub>1</sub>

X<sub>1</sub>

SC dy diorite

dy diorite

85 E



It green  
ch. w.  
matrix  
quartz eyes  
and few feldspar  
tuffs  
- trace pyrite w  
rust.

dy diorite

X<sub>1</sub> + 100 topography  
+ 100 low level  
+ 100

X<sub>1</sub>

LINE 82 from F105M

85 E

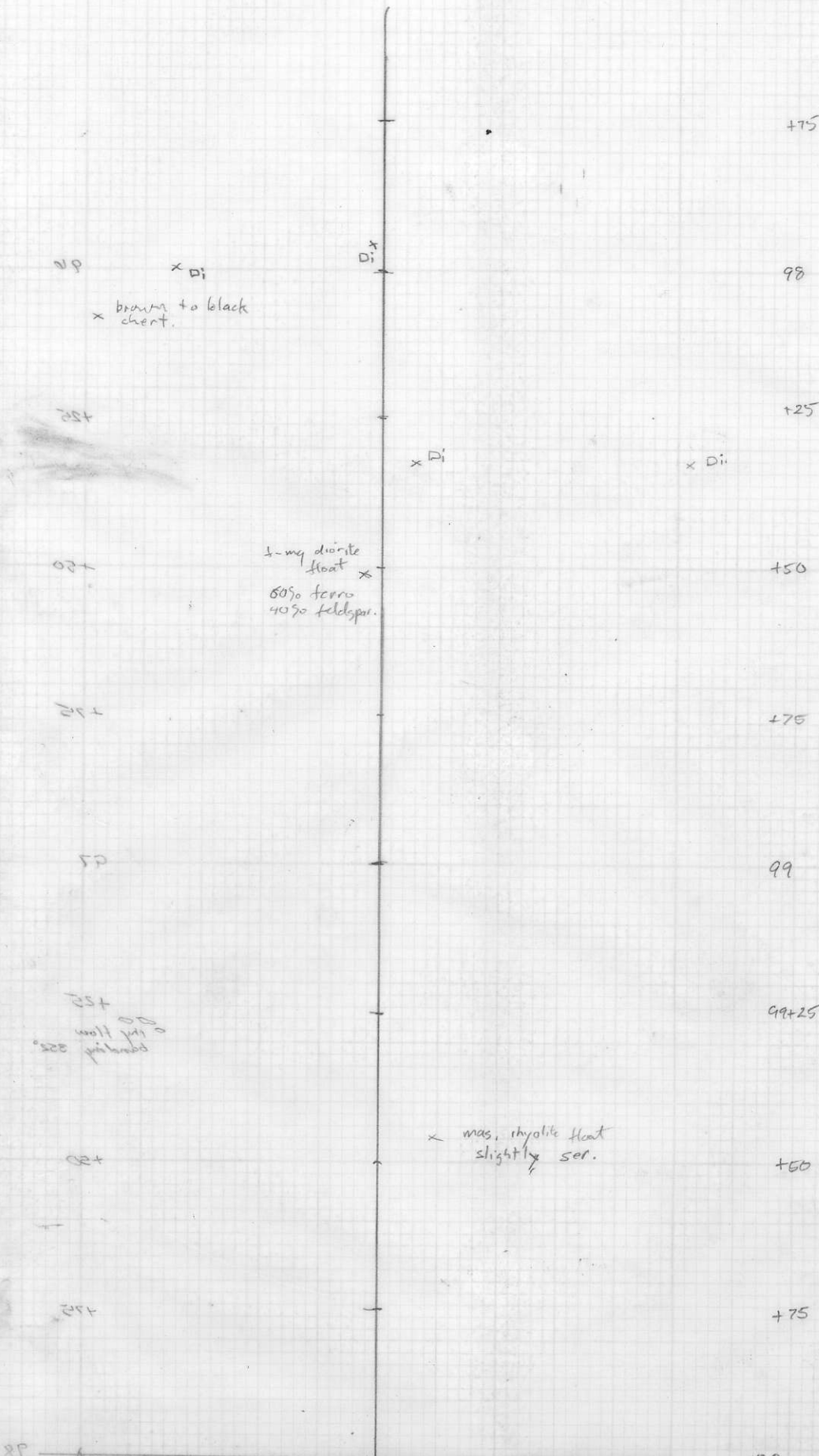


98

575

575

103A



Notes  
 x - float.  
 mas - massive  
 ser. sericite

09 x Di  
 x brown to black  
 chert.

1-mg diorite  
 float x  
 80% ferro  
 40% feldspar.

100  
 90  
 80  
 70  
 60  
 50  
 40  
 30  
 20  
 10  
 0

x mas. rhyolite float  
 slightly ser.

85

103A

100

L101N

104N

97E

10

x D:

x D:

x D:

x D:

x D:

x D:

x D:

st. quartzite

st. quartzite

x D:

85

112

st. quartzite  
with some  
epidote  
in stringers  
and  
in places  
the  
quartzite  
is  
more  
massive  
and  
less  
crystalline



113

st. quartzite  
diorite

x D: 19% feldspar  
35% hornblende  
plagioclase

more granular  
diorite  
with hornblende  
and feldspar  
plagioclase

x D:

x D:

95E

L104N 85 down L103N

L104 N

3002

100

150

BP 86 3002 ✓  
sc. intrusive  
massive to granular  
green matrix w/  
hornblende → chlorite crystals  
silicified diorite?  
minor quartz vein

9.9





J Purdy  
July 14/86  
CFC  
L106N  
L105N

L105N

101 E



ROAD

3.1  
lt green massive rhy  
- minor feldspar phenos  
- no quartz eyes visible  
- spotted w rust throughout

L105N

100 + 50

minor exposure of  
buff colored  
epidote  
loading  
lepidilli buff  
frags imm - 10mm  
very distinct  
minor quartz veins



X. lt green weathered surface  
lt green massive rhyolite  
- no visible feldspar  
or quartz eyes  
- minor rust stain  
diss. throughout  
- trace pyrite  
throughout.  
3.1  
minor epidote

100 E

+ 50

SC 7  
8  
+ med green andesite  
2.1

L106N

99 E



105N

Litho

150

3008  
3009

104 N

med. green to dk grey  
matrix 10-15% anhedral and  
anhedral feldspar pheno's

grey. FP  
5.1  
QFP  
green

grey variety - no quartz eyes  
green variety - trace to 2-3% quartz eyes.

can't determine any  
contacts.

BFS63008 grey variety

103+25

BFS63009

5.1

white to lt grey matrix  
w 5% feldspar lathes  
trace to 3% quartz eyes

- up to 1% pyrite in places w  
rust

- jointing? 358° / 70W

- minor stockwork quartz

103 N

1967



July 14/86

100M  
Bar / 20 Grid  
ct  
July 14/86  
7 Grid

EDGE

986

WOODS

988

STEEL

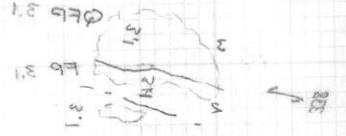
SLASH

987

D:

986  
Bar / 20 Grid  
ct  
July 14/86  
7 Grid

WOODS



- ① 1st - buff weathered surface
  - ② 2nd - buff weathered surface
  - ③ 3rd - buff weathered surface
  - ④ 4th - buff weathered surface
  - ⑤ 5th - buff weathered surface
- 1/2 of 05  
It seems to buff weathered surface  
with some minor parts of 05  
good contact in unit ⑤  
- minor stock work  
- original?

100M  
Bar / 20 Grid  
ct  
July 14/86  
7 Grid

WOODS

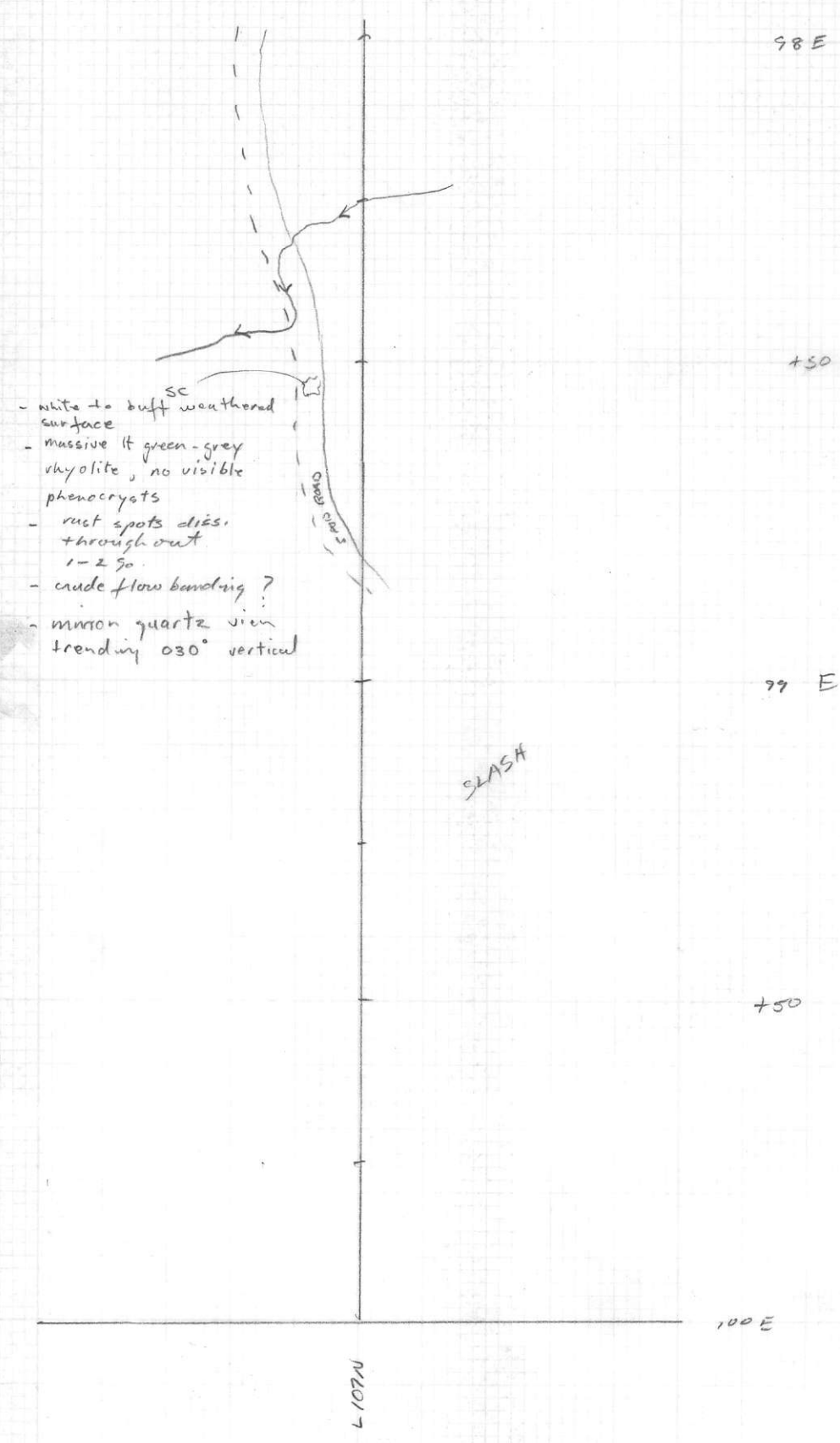
x

x

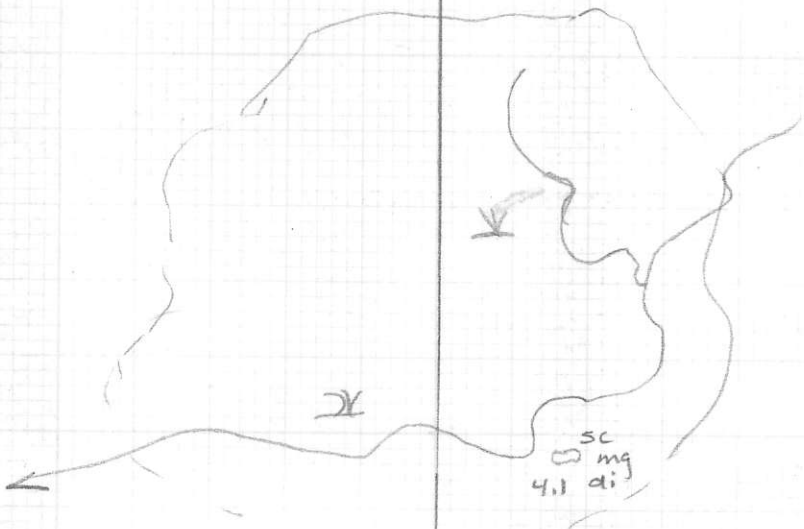
x

x  
x  
x

✓  
PARDY  
July 14/86  
CFC  
BAR SC Grid  
L 107N



L107A



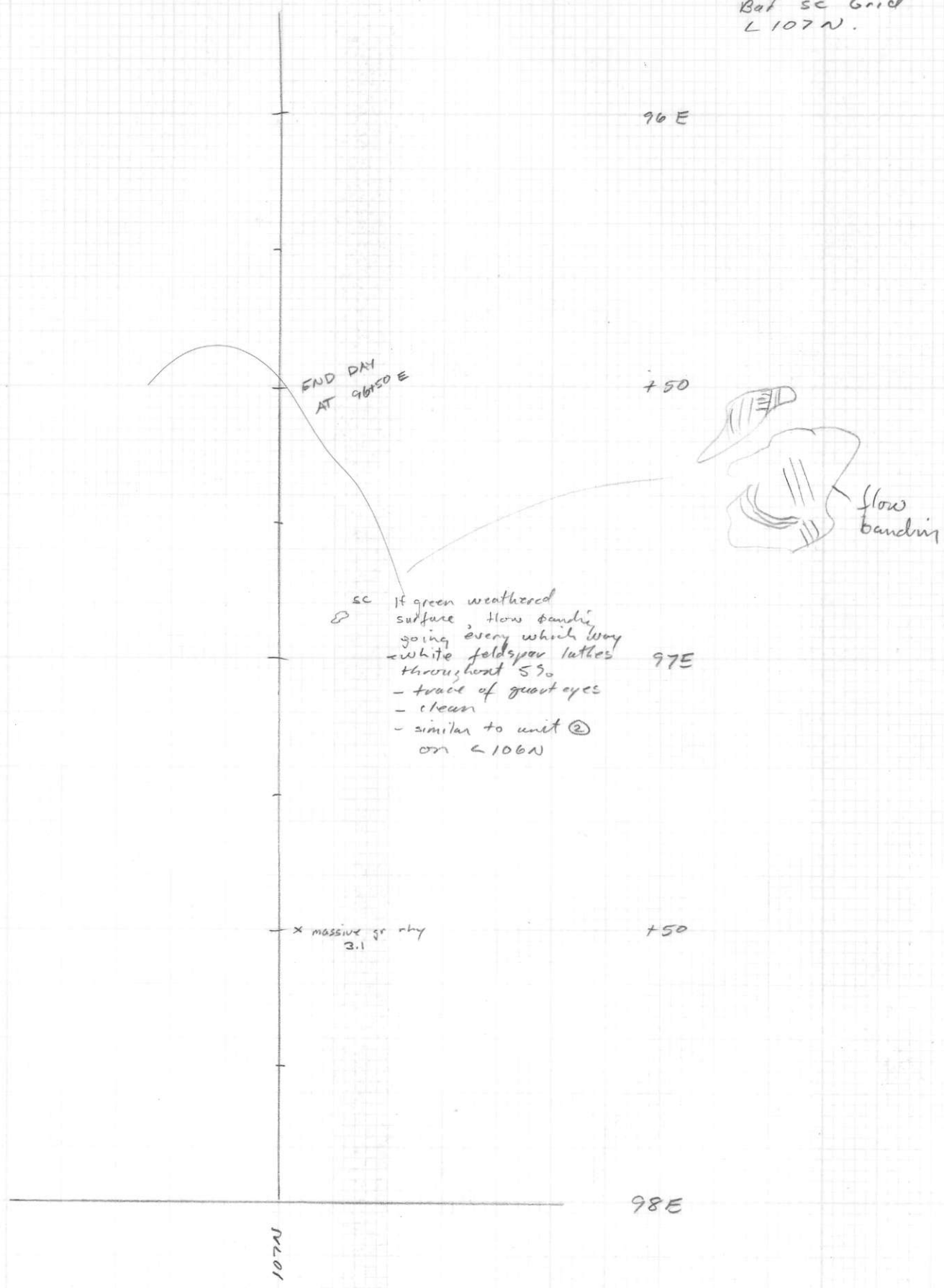
95

150

96

97

✓  
 PARDY  
 July 14/86  
 Bat sc Grid  
 L107N.



END DAY  
 AT 9650 E

96 E

150

flow banding

SC  
 It green weathered surface, flow banding going every which way - white feldspar lathes throughout 5% - trace of quartz eyes - clean - similar to unit 2 on L106N

97E

x massive gr rhy  
 3.1

150

98E

107N

L108A  
 SC grid  
 Pardy  
 July 1986

3014

+50

D<sup>sc</sup> mg di  
 di'

mg  
 di 0  
 4.1

90

FD  
 3.1  
 x

cannot get sample.

- 3.4 white weathered surface  
 med green (epidote) fresh surface
- trap (rounded and sharp) from 1mm - 5cm
  - minor quartz veining
  - 5% feldspar lathes
  - 3% quartz eyes.

+50

3.4  
 3.1

- 3.1 med green (epidote) massive to fq  
 flow
- 5% feldspar lathes
  - 1% quartz eyes (2mm)

weak contact between the slightly recrystallized  
 fragmental and a massive + green flow  
 with approx 5-10% feldspar lathes 1-3%  
 quartz eyes, minor quartz and  
 epidote flooding. NO flow banding

+ grey to massive flow (rhyolite) with  
 bed of white weathered ash-fall  
 tuff? 5-10% weathered filled  
 97 5% quartz eyes

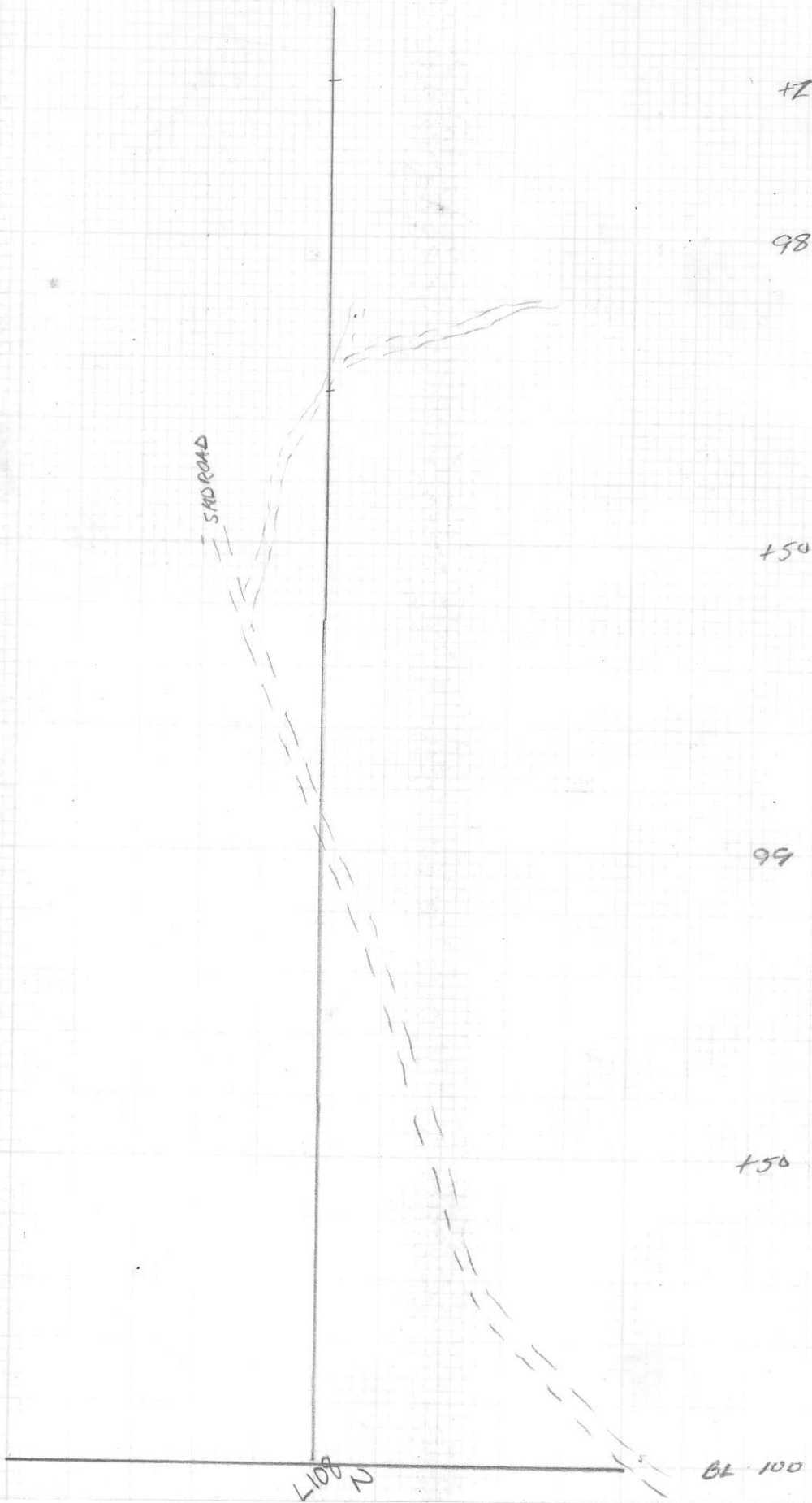
- fresh surface  
 + grey massive to fq w or  
 without 5-10% feldspar lathes  
 (up to 3mm), trace of  
 quartz eyes  
 - minor epidote in thin dark  
 flow bands

- 3.8 flow breccia  
 + grey to white weathered surface
- weak recrystallized visible on surface in  
 fragmental portions of outcrop.
  - fragments (sharp) up to 5cm.
  - flow banding trending approx 340°/- 40-45 E

3.1  
 3.1  
 BP803014  
 97450

L108

Pandy  
July 19/86  
SC grid  
L108N

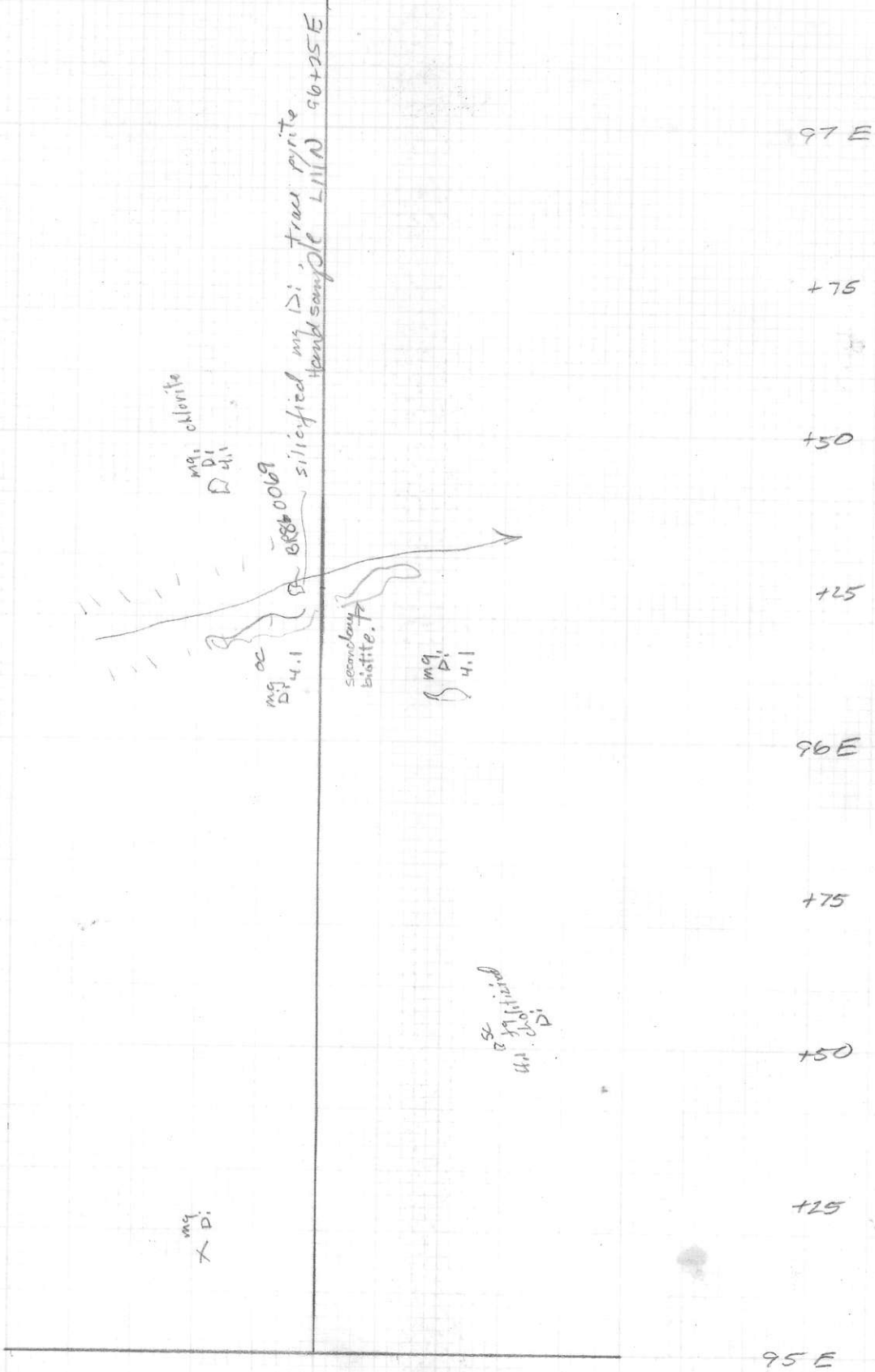






L111 N  
SC quiet  
July 19/86  
Paddy.

0069



mg chlorite

mg Di 4.1

mg ac Di 4.1

silicified mg Di, trace pyrite  
Hand sample L111 N 96+25 E

Secondary biotite

mg Di 4.1

SC quiet  
L111 N

mg Di

97 E

+75

+50

+25

96 E

+75

+50

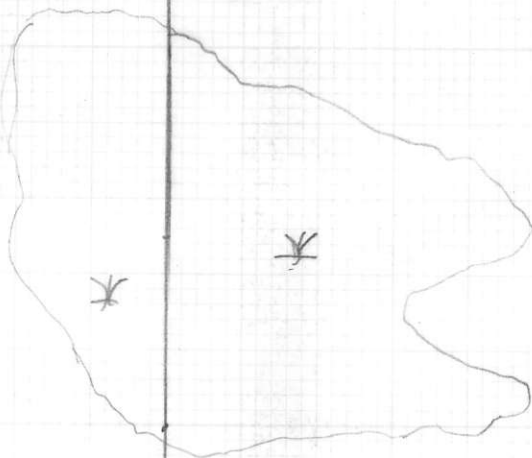
+25

95 E

July 20/96  
sc grid  
Parole  
L 112N

98 E

- QFP  
3.1
- + med green massive matrix
  - 59% white feldspar
  - 2% quartz eyes (L 1mm)
  - epidote alteration (medium)
  - hand sample
  - rusty sulphides 1-2%



3017

99 E

+ grey massive very siliceous  
lapilli fragmental  
BR863017 3.4

100 E

L112N

L112N  
SC grid  
July 20/86  
Purdy.

96

X mg  
di  
4.1

X mg  
di  
4.1

X mg  
di, chlorite  
4.1

0071

dk grey  
massive  
FP 3.1  
carbonate altered  
feldspar 10%

97

green massive GFP 3.4  
no epidote in this outcrop.  
BR860071

98 E

L112N

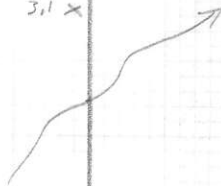
101 E L113N  
SC guide  
July 20/86  
Purdy

+50

100

+50

QFD  
3.1 x

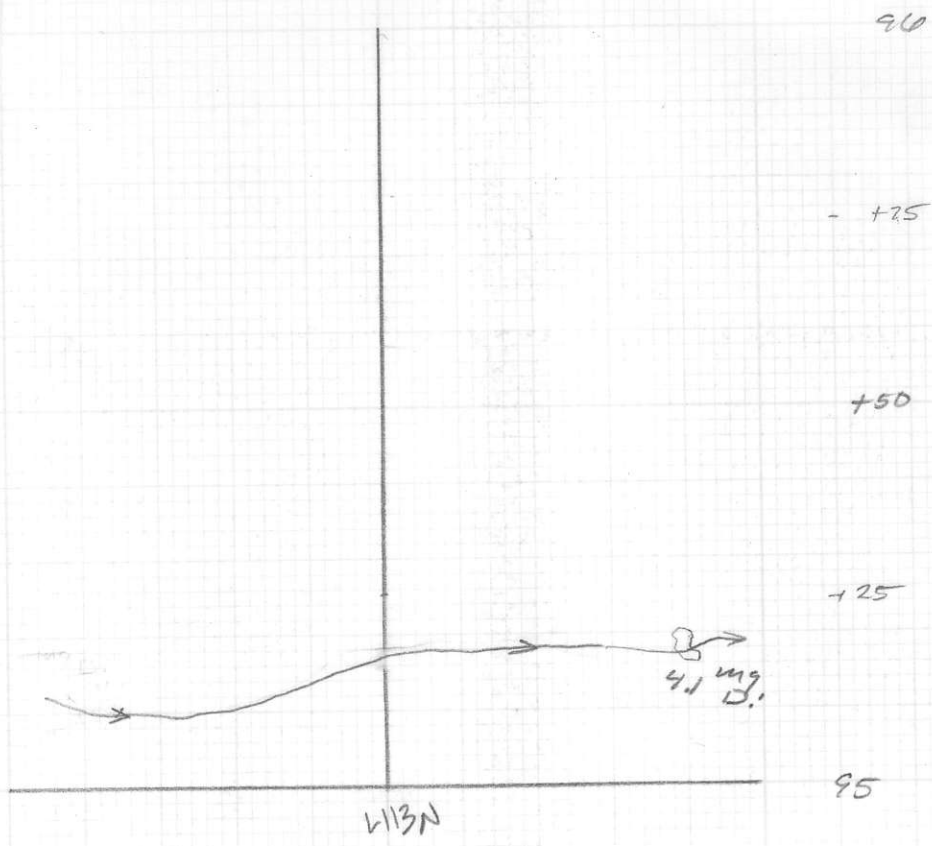


99

3.1 or 3.4? out rock  
black matrix argillaceous  
same as last pc

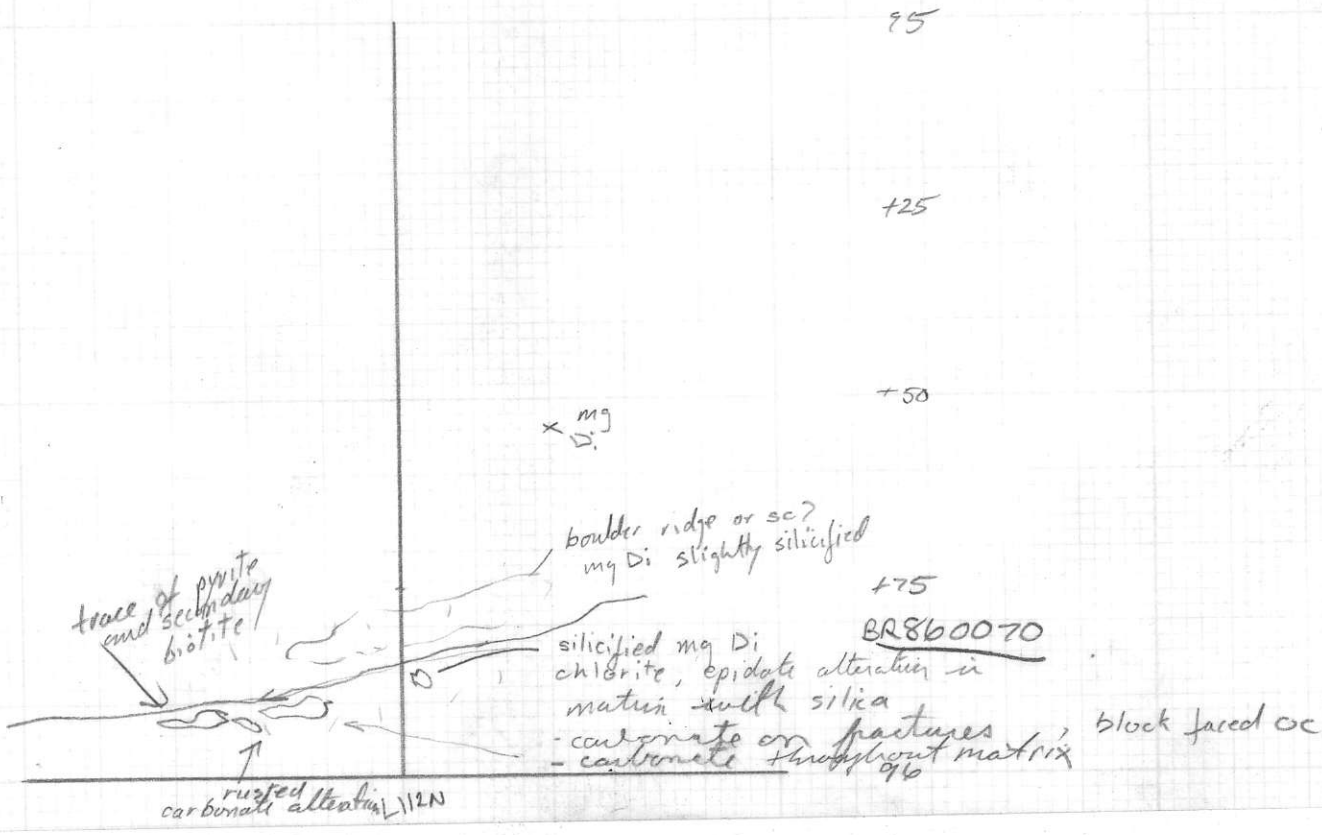
9850

L113 N  
 SC grid  
 Pardy  
 July 20/86



0070

L112N



dark grey QFP 3.1 on 3.47  
2-3% feldspar  
trace of quartz eyes.  
minor frags?  
BR86 0075

98+50E

L113N  
sc grid  
July 20/86  
Parchy

98E

- upto 1cm ?

14 green-grey to white tuff (rounded and sharp frags.)  
frag possibly clearly on weathered  
surface. up to 1cm.  
5-8% feldspar  
4-5% quartz eyes (1mm)  
minor stockwork in pyrite cubes.



BR860081

- possibly 3.4?

BR860076

3.1 14 grey-brown massive  
matrix  
5% feldspar  
1-2% quartz eyes (<1mm) +50  
- trace of mafic mineral  
- spots of siliceous material (lenses)

- 0075
- 0076
- 0077
- 0078
- 0081

flow banding? 3.1  
BR860077  
QFP flow 3.1  
4-5% feldspar  
5% quartz eyes  
1% pyrite

siliceous  
white, 14 green QFP flow 3.1  
- 3% stained feldspar  
- 2% quartz eyes (<1mm)  
- 40% disseminated  
pyrite 2%  
cannot get sample

silicified  
carbonatized  
tg Di 4.1

rusty rind

BR860078

sc mg  
Di  
4.1

silicified,  
mg Di  
hornblende  
→ chlorite  
4.1

+50

L113N

96 E

L113N  
July 21/86  
SL  
Dandy

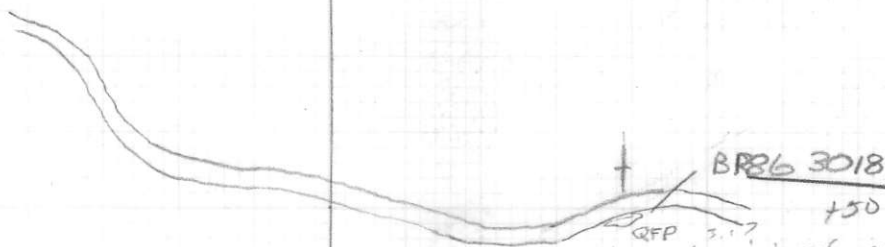
105E

+50

3018

x 2.1  
andesite

104



BR26 3018

+50

QFP 3.17  
+ green-brown fresh surface  
buff-brown weathered surface  
5% feldspar laths  
trace quartz eyes (<1 mm)  
rusty con fractures  
no textures visible  
very siliceous  
bedding?

103

102+50

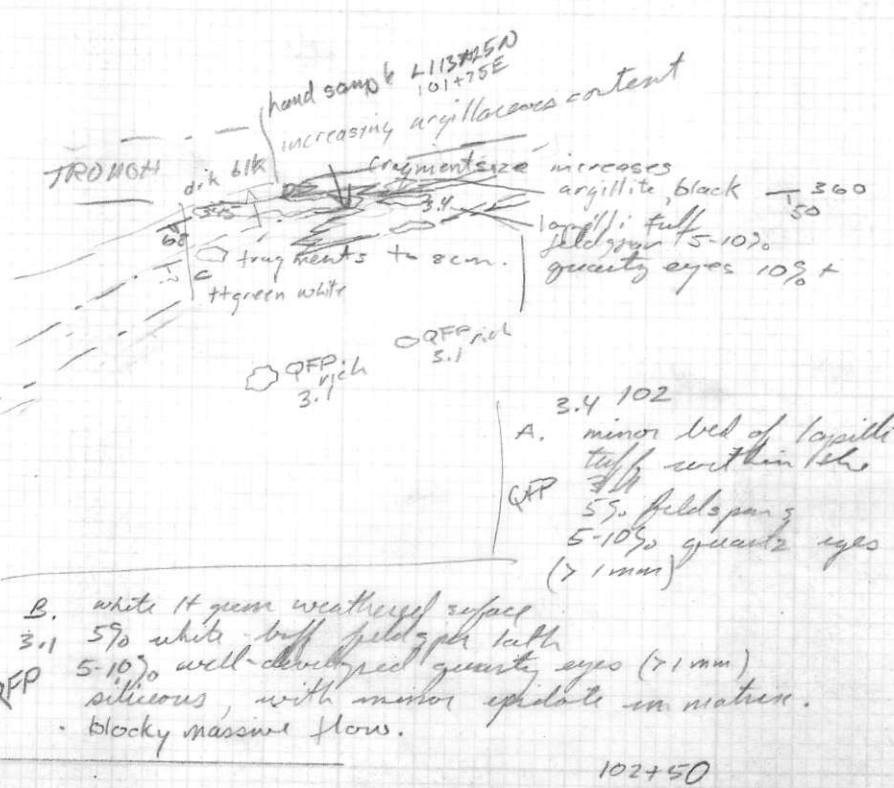
L113N



L113N  
 July 21 1966  
 sc grid  
 Pardy

1037

- minor frags in beds close  
 to agglomerate
- D. feldspar rich flow, good flow banding  
 + green weathering
- 10% feldspar
  - 5% quartz eyes (>1mm)
  - minor sericite alteration
  - + spotty epidote
- hand sample
- C. Hgreen-white weathered surface  
 Hgreen-grey fresh surface
- 5-6% feldspar agglomerate.
  - 10% quartz eyes (>1mm)
  - 20-25% frags to 7cm.
  - minor sericite alteration
- BR86-1037



July 21/86  
SC  
L115N  
Pandy  
✓  
✓

102+50E  
✓

102

sc or boulder?  
BREG 1048  
tg granular QP 3.1 white to lt green,  
15% quartz eyes (<1mm)  
trace of pyrite

+50

101

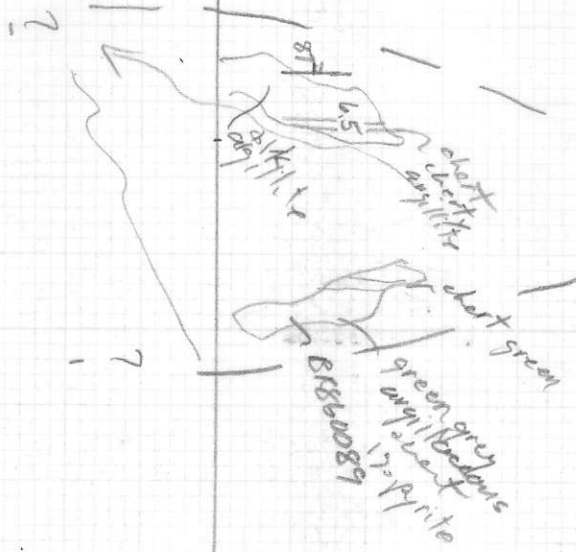
hand sample  
3.1 L115N  
100+50E

+50  
lt green-brown QP  
massive matrix  
10% quartz (>1mm)  
trace feldspar  
1% P7

115N

BL 100E

95 L115N  
July 21/86  
SC  
Pandy



+50

0088  
0089

96

BR860088  
D  
4.1  
D

DM  
4.1  
D

4.0  
M  
D

+50

DM  
4.1  
D

97

4.1  
D  
4.1  
M  
D

argillaceous  
matrix

Call quartz

QFP 3.1  
H green dot  
3.1 quantity eyes  
spotted per  
epidote.

97+50

115N

L115N  
July 21/86  
SC  
Purdy

105E

104

1049

ROAD

2.3 lt to med green 2 tuff  
+fg, lighter c.I than  
less ferromag mineral

6.1 lt green massive  
chert, no bedding  
visible

2.3 med green 2 tuff  
fg 40% ferromag mineral  
60% feldspar.

X45  
3.3 BR861049  
cg crystal lapilli tuff  
lt green matrix  
15-20% feldspar  
10% quartz eyes to 7mm  
very distinctive rock!

103

L116N

102+50

150

July 21/80  
SC  
✓ Pender  
L115N

BR860087

3.4 bull quartz.  
med grain QFP  
very siliceous  
+ green to whitish

QFD 3.1

med green massive matrix flow.  
3% feldspar  
5% quartz eyes  
- epidote throughout matrix

98

3.4 lapilli tuff QFP

BR86 5% feldspar  
0086 3-5% quartz eyes  
Stark work quartz, veins to 3cm.  
minor epidote

150

BR860085

3.55

buff-green lapilli tuff QFP 3.4  
5% feldspar lathes  
(-2%) quartz eyes  
orange colored fragments (sharp)  
Stark work quartz, veins to 15cm

99

1  
+ grey  
QFP

dtk grey

3.1  
massive siliceous  
+ grey QFP (2mm)  
Very few feldspar  
+ trace to 1% pyrite  
- 10% pyrite in  
siliceous bands.  
BR860084

150

0084  
0085  
0086  
0087

0102  
0103  
0104

L118N  
July 22/86  
SC  
Purdy,  
✓

3.1 QFP 3.1H green matrix, feld, quartz 97+50  
3.4 005 3.4 lapilli tuff benches (14 cm) widely

3.1 352° blocky bedding?  
4 mm quartz parallel to bedding.  
3.1 1H green massive matrix  
5% white feldspar lath  
2-3% quartz eyes

98 E

BR860104  
3.1  
3.1BX

+50  
same rock as 98+85E but with flow features.  
- feldspar lathes lie with flow  
- minor amount of sharp edged lapilli sized frags  
- argillaceous material produces foliation in some isolated lenses.

BR860103

5.1  
4H massive brown to green matrix with well developed feldspars to 5 mm  
- 1% quartz eyes (>1 mm)  
- good show pyrite  
- no flow features, could be 5.1 QFP  
- large blocky outcrop.

99 E

BR860102

5.1 4H green to massive matrix 5.1 QFP  
10% white well formed feldspar lathes. ? could be intrusive 5.1  
3-5% quartz eyes (2 mm)

+50

3.1 OSC  
3.1 blk-dk grey to QFP 3.1 (siliceous)  
15% (<1 mm) quartz eyes (blackish)  
5% feldspar lathes.  
2-3% (2 mm) pyrite cubes.

RIDGE

3.1 green massive

Bl. 3.1

100 E

L118A  
SC  
July 22  
Purdy

BR86 100101  
bedding? ±  
H. med green  
massive 3.1 flows  
37% nested pyrite cubes.

100

BR86 ? sampled, but no number?  
sc med H green quartz xtal, rock fragment  
lapilli tuff 3.4  
very siliceous, no good bedding for measurement.

- 0101
- 1061
- 1060
- 1059
- 1058
- 1057

BR86 1061  
H brown green QFP 3.1  
- well developed quartz eyes (>1mm) 5%  
- 2-3% feldspars (<1mm)  
fg to massive matrix +50

101

oc is actually  
118+45A



BR86 1058

3.3  
quartz xtal lapilli tuff  
H brown-green eq,  
15% quartz eyes to 6 mm  
15-20% feldspars BR86 1060  
+50

graphitic  
6.5

BR86 1059  
2.3 same as hand sample  
fg, med green

2cm graphitic  
H grey phyllitic argillite w  
characterized. lens of 2.4  
within foliation.

dark grey - blk  
phyllitic argillite

med fg green ash tuff? cut rock hand sample  
good show of pyrite in places.

argillite paraconglomerate  
w predominantly  
round pebbles  
of 2.3 in  
siliceous to  
graphitic argillite  
pebbles 10%-15%  
of rock up to 8cm,

BR86 1057  
H grey argillite

102

large pieces of 2.3 in argillite could be  
slump features

102+50

L118A

3019  
1055  
1056

102+50

L118A  
SC  
July 22/86  
Pardy

hand sample  
to determine  
rock type.

BR86 1056

- white, weathered surface
- highly siliceous GP flow
- white to lt grey massive matrix
- 3-5% quartz eyes (< 1 mm)
- small @ 2 cm thick, flow bands
- brecciated segments (no distinct contacts)
- flow trending 330°, vertical

103 E

- lt white-grey quartzite
- lt grey quartz particles
- to sandstone derived?
- BR86 1055

chert breccia  
lt green massive chert.

chert fragment breccia - green  
dominated by angular chert clasts to 5 cm, but up  
to 2.5 cm. some rounded pebbles, difficult to sample

chert fragment breccia - green  
dominated by angular chert clasts to 5 cm, but up  
to 2.5 cm. some rounded pebbles, difficult to sample

- cherty argillite
- argillite drk grey to blk

L117+75N  
103+85E

- blk argillaceous chert
- blk cherty argillite
- graphitic argillite - argillite
- occur in beautiful beds from 6-10 m in thickness
- trace to 3% pyrite cubes.

104 E

+50

105 E

118A



L120 N  
SC  
July 27/8  
Purdy

5-10% axtal tuff  
Quartz eyes to 4mm.  
BR861095  
100 completely massive 1+ med  
green flow, no distinguishing  
features  
minor = peltite throughout

Q xtal 3.4  
1+ green matrix  
10-15% quartz eyes to 4mm  
2% pyrite cubes  
feldspar? 10%

BR861094  
3.1 100P  
1+ green-brown massive matrix w  
3% quartz eyes, trace of feldspar.  
trace pyrite  
sc phyllitic argillite

BR861093  
6.1 35  
76  
1+ green massive chert  
6.1  
6.5  
sc phyllite

predominately massive chert  
with abundant narrow  
foliated layers of same color  
between embayed  
lenses of chert  
a bizarre rock.  
hand sample.

1092  
1093  
1094  
1095.

101

+50

+4  
4.1?  
extensive carbonate  
alteration, must cut.

102

extensive carbonatization  
BR861092  
mg  
4.1?  
must cut  
rock

102+50 E

L120N  
SC  
July 29/86  
Pardy,

95 F  
- chert pebble  
conglomerate  
slightly silicified  
4.1 + 9 d.  
6.1 conglomerate  
blk argillaceous cherty matrix  
poorly sorted many sizes of  
chert (green) pebbles.

cc?  
mg  
4.1 Di

cc

97

med green matrix (some epidote throughout.)  
10-15% feldspar lathes rimmed with rust  
quartzite  
97 bedding in lapilli tuft.  
minor 9v  
2cm  
must cut rock  
3.1? QFP 3.1-3.4 mm  
BR861081  
BR861082  
It drawn to eye  
E-1070 well formed and broken feldspar lath  
3-5% quartz, poorly formed  
minor 3.4 lapilli tuft bedding, ! - 40 350  
QFP 5.1  
9v + 0 10cm no sulphid

97+50

97+50

LIZON  
July 23/96  
SC  
Pandy

BR861109  
QFP 5.1  
1+ green to grey  
w/ 15% white feldspar lath  
10% quartz eyes  
minor quartz veins  
1% pyrite disseminated

QFP 5.1 +

QRE

1096  
1097  
1098

brn-blk  
QFP 5.1

BR861098

QFP 5.1

1+ brown-green massive  
matrix  
10% well developed  
feldspar lath  
10-20% quartz eyes (< 1mm)  
bull quartz veins

brn-blk to  
QFP 5.1

blk  
QFP 5.1  
1% pyrite

1+ brown-whitish  
QFP 5.1 to 10%  
feldspar  
25% - 30% quartz eyes  
1% pyrite  
brown to blk color

99E

mg 3.4  
QFP

BR861097

rough weathered surface!  
mg 3.4 QFP  
10-15% quartz eyes  
10 feldspar, 1+ green matrix.

BR861096

very 1+ green - whitish QP 3.3  
1+ to massive, 5-8% quartz eyes (< 1mm)  
5% pyrite throughout rusted  
- abundance of pyrite is g.v. (not scinite)  
- white sparkling mineral throughout and on surface - quartz  
- very siliceous  
SC  
6.6  
grey-blk phyllite

LIZON

100E

- 1083
- 1084
- 1085
- 1086
- 1087
- 1088
- 1089
- 1090
- 1091

BR861091 102+50 L120N  
 SC  
 July 23/86  
 Sandy,  
 mg to fg  
 60% ferro mag  
 40% feldspar  
 cut rock

large ripup?  
 clast of 2.14 X  
 in 6.5

SC  
 2.3  
 med  
 trace of  
 rusted  
 sulphide  
 BR861090

SC exposures  
 on road  
 no visible contact  
 but general  
 outline -> 340°  
 2.3 med green  
 fine grained  
 andesite tuff  
 - quartz eye visible  
 2-3% pyrrhotite  
 6.1  
 blk chert  
 argillaceous chert,  
 minor chert,  
 argillite

BR861083  
 BR861084  
 6.1  
 H green chert  
 1+ green  
 6.1  
 1+ green  
 chert.  
 340°

white to  
 brown  
 - 6.1  
 BR861088  
 6.5  
 330

white to  
 reddish brown  
 chert  
 6.1

BR861087  
 1+ green chert  
 1+ green siltstone

blk, cherty in places  
 - crumbly  
 graphitic  
 104E  
 035/53 NW

BR861084  
 6.1  
 - buff white chert  
 - green chert  
 - hematite chert  
 hem  
 SC  
 2.3

microstructures  
 270°  
 cherty 3.1 or 3.4 massive 1+ green vfg, no flow  
 features  
 med green colour  
 080/40 NW  
 bedding?  
 2 hand samples  
 L120 + 30N  
 104 + 25E

SC  
 2.3  
 quartz  
 trace pyrite  
 carbonate altered.  
 BR861085

slickensides  
 trending 45° approx

chert in creek area  
 is generally whitish to  
 hematitic/red  
 - crumbly  
 - bedding is no distinct!

L120N

105 E



LIZIN  
SC  
July 26/86  
Purdy

99+50

3.3  
H green  
QFP flow

69  
330  
blk  
to mg  
QFP 5.1

3.3  
very fissile  
mg. cgl QFP  
flow or  
losh tuff?

H brown colour  
rough surface  
texture  
30-35% quartz eyes (> 1mm)  
shiny/light  
only  
hand sample

BRS6 0113  
QFP 5.1  
smaller less well formed  
phenos of feldspar  
includes missing sections with  
crude flow banding? 99

QFP 5.1  
BRS6 0114  
H green to blk matrix  
with smaller and less well formed  
feldspars 5-10%  
quartz eyes 5% (<< 1mm)



matrix  
BRS6 0115  
blk QFP 5.1  
98+50

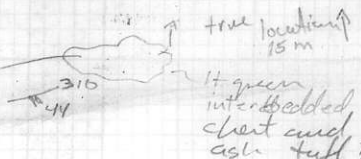
QFP 5.1  
BRS6 0116

minor brecciated  
texture  
L 120+15N  
99+10E

BRS6 0117  
98

BRS6 0118  
QFP 5.1  
QFP 5.1  
QFP 5.1  
BRS6 110  
semi continuous outcrop  
of QFP 5.1  
varies in color  
of matrix  
black-green-whitish  
silicon in spots  
97+50 trace pyrite  
hand samples

BR66  
1093



14 green  
interbedded  
chert and  
ash. tuff?  
14 green massive beds of  
chert in laminas and  
beds are slightly less  
siliceous material but  
same color.  
bound sample must  
cut.

100450 E

L121N  
SC  
July 30/86  
Paraly

101 E

102

+ □ mg  
4.1 □

+ BR660168  
2g - mg 4.1  
carb. altered.  
□



103

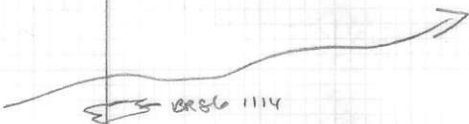
L121N





L122N  
SC  
Jul 30/86  
Purdy

103 E



It brown to white chest  
is abundant west throughout  
- BK dominas present.

102 E

SC  
light colored  
mg 4.1

x mg  
4.1

101

L122N

x mg  
SC 4.1

ms (silicified slightly)  
4.1

101

L122N  
SC  
July 30/86  
Parody

SC blk phyllite +  
6.5  
blk phyllite  
6.5

SC  
blk phyllite  
6.5

100 BL

SC blk matrix  
QEP  
5.1

BR8L1108

QXtal 3.3  
xtal tuft

QEP  
5.1

78

318

QEP  
5.1

99

QEP  
5.1

98+50

L122N

QEP  
5.1

L122  
SC  
July 30/86  
Lundy

105 E

up to 20% diss. pyrite  
it grey to white v. siliceous (cherty) ash tuff? 3.3  
BP86 3027 GEOCHEM

104 E

sc. it white to green 6.5  
2-3 pyrite

sc? 6.5  
it to med  
green  
chert

x med green  
chert.

103 E

+

sc?  
ts - 2.3 tuff x ~ my  
It to med green  
Diorite. D:

101

+ 2.3 t<sub>9</sub> intermediate tuff

102

+  
0.5 t<sub>9</sub> +  
3.3  
4.9 siliceous  
5% pyrite  
carb. altered.

+  
3.3 + x  
white to brownish  
etc. v. siliceous  
volcanic pyrite  
carb. altered.

+ green chert  
breccia

x - 3.1 rhyolite boulder 3% pyrite + pyroblite (2.1).  
boulders, 17 green chert, chert breccia, blk chert.

L125 N  
 July 24/84  
 SC  
 Pardy

103

BR861101  
 1+ brown to whitish  
 QFP 3.3? must cut  
 vfg, v. siliceous carbonate  
 altered. minor quartz stringers  
 3% pyrite, rusty and

SC? very siliceous, QP flow? or ash tuff.  
 30% quartz eyes (< 1mm) 103  
 fract. plagioc (white) on weathered surface

+25

6.1 1+ green

POST 50

RIDGE

6.1 1+ green massive chert with minor  
 sections (no good bedding) of a vfg  
 rock of some colour, may be a  
 exhalative! hand sample L125+10N  
 103+50E

+75

6.1  
 1+ green-grey  
 chert  
 trace pyrite

6.1 1+ green massive chert  
 6.1 bx short 1+ green breccia  
 BR861100

ID POST  
 CH #17  
 POST 35  
 Nov 3/80  
 TAG # 61660 104  
 - 124+80N  
 108+80E

104

SC BR861099  
 med green vfg intermediate vol. minor epidote  
 1% pyrite + trace of pyrrhotite  
 hand sample L125+125N, 104+25E

x2.1  
 or 3

SC?  
 6.1 green

L125N

105

107+50

L127N

SC

July 26/86

Purdy

+ mg O.

108

B#863023

mg ferro rich Diomite  
hand sample  
1. the sample

109

L127A  
SC  
July 24<sup>th</sup> 86  
Purdy

102+50

\* med-dark green  
23 buff

103

\* mg.  
D.  
50% ferrous mag.

104

\* 2.3  
med green  
49 buff

105

x<sup>mg</sup>  
D:

105

L127A  
SC

x pyrite mineralized  
Very siliceous 3.3 ash left.

106

107

107150



11511  
22  
dep. 10/18  
[Signature]

100

L1290  
SC

102+50

sc?  
fg D:  
4.1

102

x 4.1  
fg D:

101

x 14 green  
chert.

101

x 3.3  
fg D:  
siliceous

501

fg D:  
4.1  
sc?  
[Handwritten notes]

105429

100 E

17514  
SC

108+50

100

L127A  
SC  
July 26/86  
Rudy

100  
100

105

100

101

100  
H x  
100

101

100  
100  
100

SC or boulder >  
D of g felsic to intermediate tuff  
demon sample  
+ rare pyrite

102

100 E

102+50

L1551

110

10501

L129A  
SC  
July 26/86  
Pard

101

104

$\pm$   
 $\pm$   
D:

108

$\times$   
D:

101104

103

101105

250 pumps? 11 cm x 2 cm  
needs a cover with foam  
2.0 pumps with  
up to 1000 gms  
3.3

125201

L129N

110 E

1030

WPS1  
22  
July 20/80  
Pond

101

109

D  
+

105

BR861104

104

108

BR861102

very felsic tuff? very siliceous 3.3  
2% pyrite cubes  
needs a closer look tomorrow!  
25% bombs? 11cm X 5cm.

same rock type.  
10750

10750

131N  
SC

x 3:  
4.1

100 13L

101 E

131N

L131N  
SC  
July 27/20  
Purdy

201

104 + 50

W121-  
32  
08/25 plus  
New

+  
0.2  
1.7

105

103

106

Di  
silicification  
of Di  
clasts

BR86 0148 +

1065

Di  
D

4.1

0

←  
tuff  
location

green siliceous ash tuff  
no rust

BR86 0147

+ 360

14 brown ash tuff and  
tuff with 10-20% bands  
of same material up to  
12 cm long  
planes feather (bedding)?

will rusted very siliceous  
not being dust

L131N 02 + 101  
SC  
July 27/86  
Prest

102 L131N  
SC  
July 27/86  
Prest

+  
Δ SC? mg Di  
4.1

100

103

100

4.1 Di, chlorite  
trace silicification

4.1  
38860148

104

→  
true  
location

4.1 0 +  
D:

thin siliceous  
masses

38860148

15 m long  
blower features (bedding)  
of some material  
+ 300 ft  
buff with 10-20% powder  
+ brown red buff mud  
38860148  
will not be  
seen from  
100 ft distance

104 150

L131N  
SC  
July 27/76  
Purd

108E

BR860148

slightly silicified  
4.1

ash tuff  
3.3

chert  
+ small  
lentils  
bombs

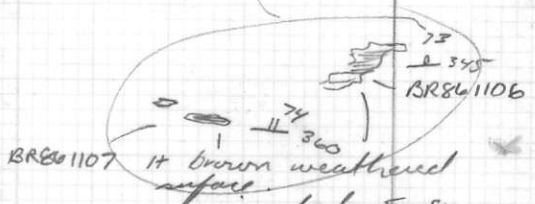
ash tuff  
14.5 brown  
and 14.5 green  
good bedding

100m  
→  
mor. sc

109E

BR860150

SC?  
completely massive  
14.5 brown green  
v. siliceous  
3.3 ash tuff  
no texture  
hand sample



- 14 brown to 14 grey if 9 to massive fresh surface
- very siliceous
- 17% pyrite

110E

BR861103

4.1 - mg Di 4.1  
Some chlorite

L131N

BR860144

4.1  
mg Di  
trace pyrite

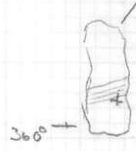


L132 W

SC

July 27/86

1t med green in  
 3.6 colour, up to 50% partly  
 frags 2m to 10cm of rounded  
 coral sharp chert ash  
 matrix clean rock.  
 3.6 - 1t brown rust stained  
 ash tuff  
 3.3



1t green colour  
 to ash tuff to  
 15-20% lapilli frags.  
 and particular bones  
 up to 7cm.  
 bedding 360° 107 E

1t green fresh  
 surface  
 to hammer  
 ash tuff  
 - med. rust  
 stain on  
 fractures  
 local bedding?  
 - trace of lapilli  
 size frags  
 - minor green  
 chert laminae  
 BP86 3025

106 E

105 E

135M  
101

101

102+50 E

L1320  
SC  
July 27/86  
Purdy

102 E

x mg  
D.

101

101 E

103

105+20

101 E

132N  
SC

105

105+20E

132N  
SC  
105+20E  
105E

105E

105E

105

105E

105

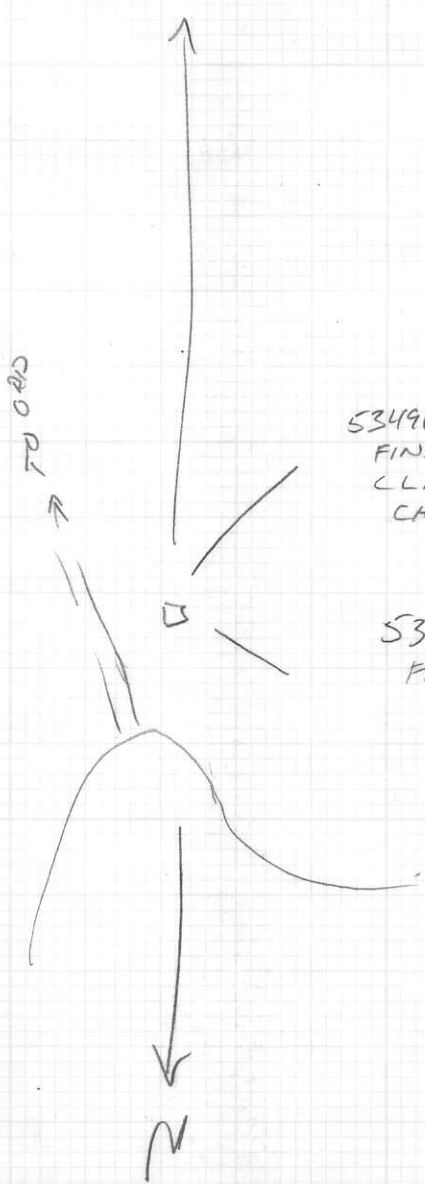
105E

105+20E

110

It green chert chert breccia  
 5-6.1 carb alteration on surfaces and disseminated in some  
 beds, minor ash laminae

- 3.6 ash tuff breccia  
 + contorted ash layers (softer) & green 109  
 with rounded bombs up to 10cm and  
 minor sharp lapilli totaling 70% of vol.  
 - large bombs consist of 10 green chert  
 - carbonate alteration in ash.



534961 m  
FINAL POST (No. 2)  
CLAIM NAME Pete # 4  
CHUCK MARLOW  
July 2 186.

534962 m  
FINAL POST No. 2  
PETE # 5  
CHUCK MARLOW  
July 2 186.

0 L13IN  
110E

→ 327m →

307m

10m

Final Post  
Pete #1  
C.M.  
July 2/86

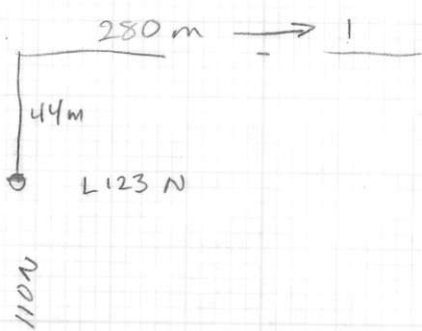
534158m  
Initial Post.  
Pete #2  
C Meadow  
July 2/86

Dir To #2 North  
Dist to #2 1500ft  
feet to right 1500ft

534159m  
INITIAL POST  
Pete #3  
C Meadow  
July 2/86

Dir to #2 North  
Dist to #2 1500ft  
feet to ~~right~~ left 1500ft.

0 0  
0 254601  
0 29475-



534157 m  
 Poto #1 INITIAL POST  
 Chuck Mankro  
 July 2/86  
 Dir to #2 post North  
 Dist to #2 1500ft  
 feet to right: 1500ft.

JOE CLAWM  
 TAG # 106880  
 ID POST 35  
 1 Oct 19/85

534959 m

534950 m  
 INITIAL POST  
 FLINT #2  
 Ovington  
 July 1/86  
 Dir to #2 west  
 Dist to #2 1500  
 feet to right 1500

FLINT #3  
 INITIAL POST  
 LARRY

Ovington  
 July 2/86  
 Dir. to #2 post South  
 Dist to #2 post 1500 ft  
 feet to left 1500 ft.

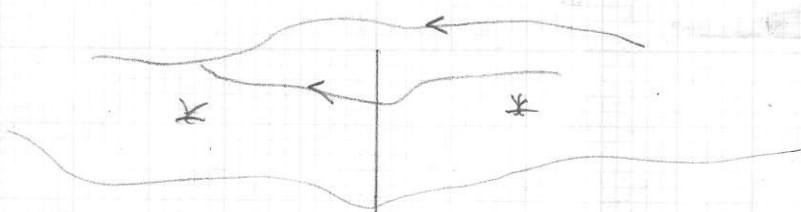
534957 m  
 INITIAL POST  
 FLINT #1  
 Ovington  
 July 1/86  
 Dir to #2 west.  
 Dist to #2 1500 ft  
 feet to left 1500 ft

Not to Scale.

L118N  
 SC  
 July 22/56  
 Parody

✓

G106  
 3020



95

+50

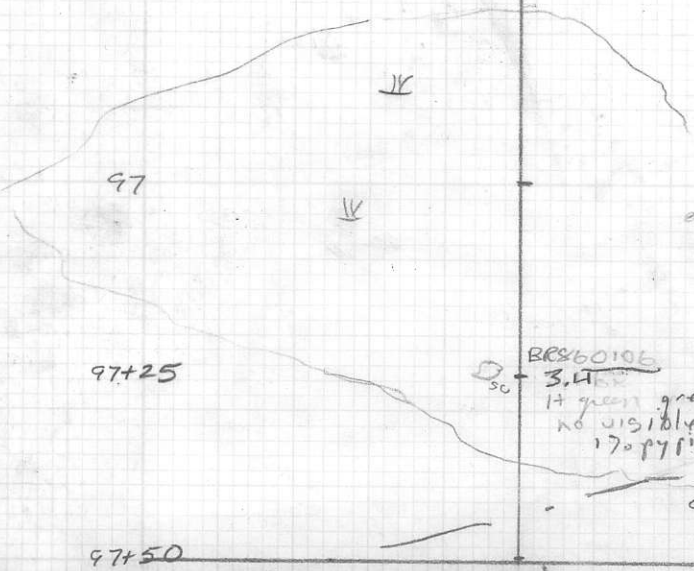
x mg  
 Di  
 4.1

x mg  
 Di

x mg  
 Di

96

+50



97

97+25

97+50

10  
 epidote feldspar rich 20-25%  
 lathes leucite tuff  
 quartz (>1mm) 10%  
 10 green matrix fresh surface

10 brown green  
 15% feldspar lathes  
 5-10% quartz eyes (>1mm)

BR660106  
 3.4  
 10 green grey matrix  
 phos on fresh face.  
 no visible  
 17% pflite

- buff to 10 brown weathered surface

BR663020  
 3.4  
 10 - sharp frags well  
 - sharp frags average 3-4 mm  
 - few large ellipsoidal blocks  
 15cm x 30cm  
 45cm x 30cm  
 10cm x 8cm etc.  
 blocks on 10 green matrix

118N