

LL 7.100

SBS

105430

824279

May 11/90

SBS GRID

SAMPLE # OC SBLOB

- Intermediate to felsic  
buff or flow

- weakly foliated

- ~~is~~ rusty weathered  
sand- somewhat sericitic  
and unmetamorphically altered- Py to 5% <sup>to permineralized</sup> disseminated  
fine grained subhedral  
to anhedral

- trace chalcopyrite

- hematite 4.5 km

on road 54.00

300m E of  
Switzerland

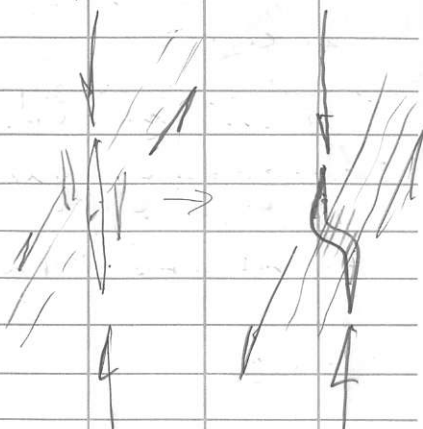
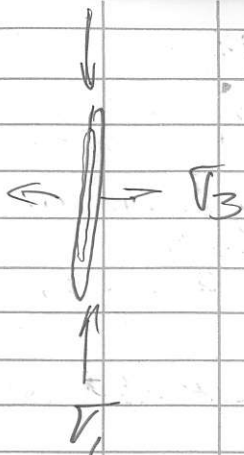
- some pyrite stringers

along weak foliation

OC53L014

- massive very weakly foliated intermediate quartz feldspar KAl buff
- weak rusty surface
- pegite disseminated and interstitially filling
- 10% to massive in areas
- trace chalcopyrite
- trace malachite
- location 100m north east of pt of 54.01 and 54.00

S35 059



Section 3.4/23



Sat May 12, 1990 Sunny, Cool  
 Mapping L96N with Taurus  
 from 120E to T/L 113+00E

Beginning at 120+25E Tie point

- rock type <sup>2,3</sup> schist

- sericitic phyllite/schist  
 derived from intermediate  
 tuff

- some quartz eyes visible

Δ 120+75E

- medium grained schistose  
 rock with quasi-  
 gneissic appearance

- sericitic, chloritic

- several foliations

↑ S<sub>n+1</sub> 314/23 N ✓

↑ S<sub>n+2</sub> 298/33 N ✓

Δ 120+50E \*OCSBLO15\*

- foliated sericitic schist  
 bordering on phyllite.

- appears to be a circulation location beginning to develop
- phyllitic sheen due to sericite
- minor chlorite
- possibly derived from 2.3 as in fault
- quartz eyes visible.

↑ 54+1 380 / 32 N ✓

- minor calcite (carbonate) alteration.

▲

Δ 120+15 \*OCSBL016\*

- fine to medium grained phyllitic rock
- less sericite, no chlorite
- unperitic alteration
- carbonate alteration
- probably sulfaceous originally

A119+20 Small gully

- also outcrop same as last station
- 2.3a
- unperitic, approaching being phyllitic
- no chlorite
- the fact that this sample contains no chlorite

suggests it may be more felsic than intermediate,  
 E 5m 308/38 N ✓

A118+75' to above  
~~A118+50~~ gully @ 264°  
 A118+25 float of ankertic  
 intermediate to felsic  
 tuff & visible quartz  
 eyes  
 - also possible outcrop  
 of intermediate tuff

A118+10 - \* OCSB:017 \*  
 - strongly foliated medium  
 grained light to dark  
 green intermediate tuff  
 (schist to phyllite)

E 5m 308/39 N. ✓  
 - some andesite  
 - minor calc

## A117+75 \* OGSB L018

- massive mafic intrusion
- dioritic
- very weakly developed foliation defined by alignment of mafic minerals (chlorite)
- weak carbonate NXH
- trace sulphide
- abundant chlorite
- very competent
- possible orientation  $\approx 10^\circ$

## A116+05E \* OGSB L019\*

- well foliated very light grey to light greenish sericitic quartz / tal / fuff
- felsic, possibly rhyolitic

- $\rightarrow$  Snt 306/42
- gully trends 100/282
- on prominent ridge
- no chlorite

## A115+50 \* OGSB L020\*

- medium grained intermediate flow
- equant (roughly) grains
- subhedral plagioclase
- weakly foliated
- weak to moderate carbonate
- chlorite

???

Δ114+00 \* OCSBLO21 \*

- extremely competent, massive felsic to intermediate flow (?)
- not foliated
- trace ankeritic alth along fractures
- trace sulphides
- weakly carbonatized

302/44

Δ113+25 \* OCSBLO22 \*

- appears to be a well foliated quartz feldspar Kfsal luff on the verge of becoming a gneiss
  - foliation/gneissosity
- ↳ Snt1 302/44
- chloritic alteration
  - beginnings of gneissic banding?
  - recrystallization?

a sub  
 b chl  
 c unaltered

May 13, 1990

- Road mapping SBS
- first sample will be  
 OCSRL023

-A- beginning at landing  
 5m below tie point

L96N 121+25E

and clocking to end  
 of road to south

- will map back  
 from end.

- Road is 1 km long

A1. Rock type.

2.3 intermediate (andesite)

xtal buff

- chloritic

- foliated well

A2

90m

- extremely foliated sherd

light grey phyllite/schist

- 2.3/1.3 quartz eyes abundant

- extreme sericite

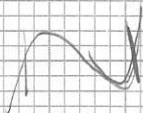
↗ box 320/40N ✓

- really a quartz-sericite schist

‡ 5m+2 300/50 N ✓

Δ3 100m

- chloritic foliated
- schist
- minor amphibole
- minor sericite



Δ4 110

‡ 5m+1 306/40 ✓

quartz sericite schist

~~2.3/1.3~~ 2.7/1.7

- quartz schist
- extremely foliated and sheared,

Δ5 ‡ 5m+1 290/34 ✓

‡ 5m+2 319/48 ✓

- chloritic weakly foliated mafic flow
- equigranular
- minor sericite
- contact appears to parallel 5m+1

Δ6 310m type 7.7

- possibly intermediate (dacite) intrusion
- oriented roughly 254/vertical
- abundant quartz and feldspar grains equidimensional
- roughly 1 meter wide

Δ7 610m

- foliated andesitic ~~quartz~~ K-felduff with gneissic appearance

f Snt1 232/12 ✓

- chloritic

Δ8 700m

- possibly mafic flow
- abundant mafic minerals
- competent
- fine to medium grained



equant

Δ9 810m

- ~~andesitic~~ minor  
chlorite
- intermediate ~~ash~~  
tuff.
- well developed  
foliation

↑ 5n+1 298/34N ✓

Δ10 ~~810~~ 815m

- quartz, vein
- 312/60

Δ11 1025m

- chlorite - andesite  
Kfal tuff, intermed. diorite.

- new road traverse 3.0 km  
from junction with last  
road

Δ1 250m

- intermediate ash tuff  
with 2m wide

interflow (2.1) coarse grained  
feldspars (subhedral)

- ash tuff is chemically  
altered

- interflow is fairly fresh

f - 5m<sup>11</sup> of tuff 282/24 ✓  
276/60 ✓

- tension gashes in flow



Δ2 410m

\*OCSBLO23\*

- massive extremely competent intermediate intrusive possibly syenite
- trace sulphides

\*OCSBLO24\*

- possibly as above but has been extremely silicified

Δ3 480m

\*OCSBLO25\*

- weakly foliated
- competent
- has not been subjected to any great degree of strain
- intermediate Topilli fuff
- topilli's up to 8.0 cm in length
- unspined
- phosiferous
- trace sulphides

Δ4 \* OCSBL 026 \*

540 m

- massive ~~massive~~ intermediate flow
- medium to coarse grained chloritic green
- weakly foliated
- weakly carbonatised

Δ5 550 m

- contact between massive flows and ~~tuff ash~~ buffaceous material
- 1m thick ash tuff layer, very chloritic, very fine grained, strongly foliated
- then into ~~total tuff~~ less chloritic, grey.

7 Sn+1 304/42N ✓

- ankeritic staining on weathered surface
- contact roughly parallel foliation

A 6 beam

- grey coloured foliated (wavy) crystal buff
- fine grained
- slight rusty staining on weathered surfaces

7 5m+1 280/46N ✓

\* OC5BL027

- last station for today.

Tues May 15/90 Cloudy

- first sample OCSBL034  
L100N

A1 L100+00N, 120+00E  
- landing

A2 100+25N, 117+10E  
- well foliated light  
grey green crystal tuff  
- intermediate  
- trace chlorite  
- 3-5% sericite  
- 20% carbonate alt.

± 5mH 346/36 NE ✓

\*OCSBL034\*

- some quartz banding

A3 \*OCSBL035

± 5mH 300/50 N ✓

- light grey green foliated  
(schistose) intermediate

crystal tuff

- carbonatized

- weak ser/chlorite

Δ4 \*OC5B1036

- massive leucocratic medium grained gneiss intermediate to felsic flow
- very weak foliation developed
- weak sericite
- weak chlorite
- weak carbonate.

51N 100N 115 + 38 E

Δ5 11475

gully trending 312°

Δ6 11440

\*OC5B1037\*

- massive, sheared dark green medium to fine grained diorite intrusion.
- crystalline.
- chlorite.

↑ shear foliation 306/38 ↓

Δ6 114+00E

- well foliated slight
- anhedral quartz crystal
- buff

Δ7 113+50E

# OGSBL038#

- massive unfoliated
- intermediate to felsic
- granitic/granodioritic
- intrusion
- coarse crystalline
- abundant quartz eyes
- possibly gsp
- trace sulphides
- K-spar flooding?
- stockwork veins
- forms edge of ridge
- rending:  $238^\circ$



Δ 99N / 113E

Δ 9 11150E

# OCSB1039

- medium to coarse  
grained fairly competent  
possibly intermediate  
intrusive (could also  
be recrystallized talc)

- some ~~of~~ OCSB1038#

but less foliated

- chloritic
- weak carb
- ankeritic

March 16, 1990 Sunny.

SBS grid

line 97N, 98N 120E-113E

- spoke to Paul and Ken

at landing

- may be doing some  
burning in clear  
cut.

- will contact me

line 98N

$\Delta 1$  T/L 120E, 98N

$\Delta 2$  blocky float material  
on road

- weakly foliated, possible  
flow (2.1)

- ankentic

$\Delta 3$  117+002

- subwp

\* OGSBLO 40 \*

- weakly foliated, reddish brown  
weathered surface

- vol buff (possibly ash)

- weak carbonat

- weak schist
- med to strong outcrops
- outcrop
- exposure is poor in this area.

Δ 110450 E

# OGSBL 041 #

- rusty weathered surface
- medium grained quartz feldspar Kfs
- ~~plagioclase~~
- (may be a flow)
- no salient
- moderate contact
- well foliated
- outcrop is rounded and covered in moss
- not possible to get an unweathered sample

Δ 115450

# OGSBL 042 #

- medium green ~~well~~ foliated intermediate ~~fine~~ <sup>fine</sup> intrusive.
- chlorite
- carbonaceous
- rounded grains

Δ 5N4 318/52N

Δ6 113 JSE

\* OCSBL043 \*

- fine grained massive <sup>medium</sup> dark green intermediate flow,
- ~~mod~~ moderately chloritic
- trace sulphide.

Δ6 113+35E, 97+90N

\* OCSBL044 \*

- medium grained light grey grey intermediate <sup>metal full</sup>
- well foliated
- 7 Snt 320/50N ✓
- minor calcite
- minor Fe carb
- minor chlorite
- essentially unaltered.

Δ7 beginning L97N  
at the line

Δ8 113 + 25 E

\*OCBLO45\*

- appears coarse grained, almost flow texture, or intrusive in areas, but contains other areas which appear silicified or completely recrystallized to very fine grained.
- c.o.f., sample 038
- trace sulphides
- Kapa flocchis in granitic looking part.

A9 11475E

#OCSBLO46\*

- fine to medium grained
- rough weathered surface
- intermediate ash fluff.
- moderately calcareous
- medium green
- minor ant
- mod. chlorite
- trace sulphides.

A10 11725E 9675N

- fine to medium grained
  - competent weakly
  - foliated intermediate
  - flow
  - chlorite
  - minor calcite
  - ~~no~~ large boulders
  - ~~probably~~ float but
  - possibly close to source
- #OCSBLO47\*

A11 120+00E

1/2 Smt 302/30N!

- intermediate schist / ptal buff
- ~~scintillate~~
- ankeritic

A12 120+15E

~~#005301/8~~

- ~~intermediate~~
- weakly scintillate ankeritic schist possibly derived from intermediate
- ptal buff
- minor chlorite

Thurs. May 17, 1990

- Cloudy, heavy rain
- road mapping SBS
- Ford and Al soil
- sampling L 98N, L99N
- Road 54.00 extension.

A1 30m

\*GCSBLO 48\*

- rusty, weath. surface
- weakly foliated consolidated ash tuff
- andesite
- trace sulphides
- weak to moderate carb
- intermediate to felsic (dacitic)

A2 35m

\*GCSBLO 49\*

- green chloritic weakly foliated andesitic tuff
- weak to mod carb
- weak carb
- trace sulphides (arseno?)



A3 150m #050\*

- andesitic lapilli  
full with mafic  
(chiefly chlorite)  
lapilli (lensoid)
- up to 1/2m diameter
- matrix is feldspar  
crystal rich
- weak foliation

1/2 5m r 308/28 N ✓

A4 230m

- medium to dark  
green extremely  
chloritic weakly sheared  
andesitic flow
- fine to medium grained
- occasional feldspar  
laths growing in  
radiating aggregates
- weak carb.
- trace Fe carb.

1/2 Shear/foliation

306/40 N ✓

Δ5 350m

- anhydrous chloritic
  - mineral lineation  
10° → 295°
  - massive competent  
gneissic looking rock
  - possibly dacitic flow
  - v. weak carb
  - mod. Fe carb
  - weak to mod chloritic
  - granular, crystalline  
texture.
  - minor sericite
- \* OCSBLO51 \*

Δ6 390m

- \* OCSBLO52 \*
- massive chloritic ~~dark~~  
medium green, coarse  
grained
- appears dioritic at first  
but there is abundant  
quartz so is intermediate  
to felsic.

- xenoliths of mafic rock
- apparent strike / dip  
270/50N

A7 510m

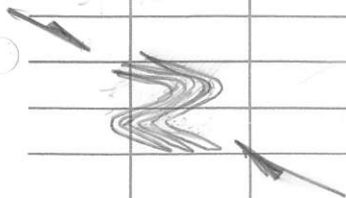
#0638053\*

- medium grained grey intermediate flow or intrusion
- andesitic
- Kspar flooding
- chloritic
- \* fine grained matrix
- medium grained quartz + plagioclase crystals
- weakly foliated
- minor anhydrite
- trace sulphides

580m

Δ8 sigmoidal quartz  
veining developed in  
flow/intercession

- indicate  $\Delta_1 = 10^\circ \rightarrow 004$



- check definitions for  
porphyroclastic/blastia  
textures

Δ9 610m 5mH 314/30N ✓

~~KOCSBL054~~ ~~KOCSBL077~~

- foliated light grey fine

grained andesitic ash tuff

- minor sericite, chlorite, ankerite

- relatively unaltered

- weak carbonate

Δ10 760m

- mafic intrusion
- see sample OGSBL052
- some stuff
- chloritic coarse  
granite.

Friday May 18/90 SBS GRID

andy

- Lines 101 + 102 (possibly 103)

LINE 101N

A1 10100E

- logging block

A2 117 + 35E

\*05BLO54\*

- maybe boulder float  
but is large and blocky  
so not far from source.

- well oriented egg anhydrite  
crystal/ash tuff

- equant rounded grains  
of quartz and feldspar

- weakly calcareous

1/5 6m

A3 116 + 10E

- fine grained quartz
- fairly competent although  
has a weak foliation  
developed
- intermediate flow
- anhydric
- weakly calcareous
- weakly chlorite

\* OCSBLO55 \*  
\* (may be ash tray) \*

A4 115 + 50E

\* OCSBLO56 \*

↓ SMT 292/60N ↓

- fine to medium grained  
granoblastic texture in  
quartz
- feldspar laths
- syenitic intrusion ??
- chlorite
- feldspar facies ?
- minor auct.

Δ5 115+35E

#OC5BL057

- fine grained, gneiss blockie
- dark grey green
- weakly chloritic
- weakly calcareous
- intermediate (dacitic) flow.

Δ6 100+95N, 11455E

#OC5BL058\*

- fine grained extremely schistose
  - contains some large porphyroclastic quartz grains.
  - quartz, sericite schist possibly from felsic rock
  - mod to strong calcite
  - strong ser, trace sulphides.
  - mod to weak chl.
- edge of gully at 30°



- app. almost mag. like
- distinct cleavage plane  
1/2 to 5 cm apart

1/2 Sn+1 302/36

1/2 Sn+2 332/44

1/2 113+85

\*OC5BC059\*

- completely mag. like  
grey green medium  
grained
- fine grained nature
- granular
- appears somewhat  
inclusion but  
maybe a flow
- mod calcite
- minor anh
- trace sericit
- minor chlorite

Δ8 11325 060

- medium grained grey gran intermediate dioritic or granodioritic intrusion
- minor chlorite
- trace calcite
- abundant mafics
  - hb, cl, augite
- massive - weak foliation

Δ1 LINE 102N 113E

Δ2 113+85 swamp before ridge RRS ± 300

Δ3 11475 base of steep slope up to knob

Δ4 115+00

~~KOCS131061K~~

- massive dacite flow
- see sample 057 for desc.
- weak fol. 308/50 !

AS 115755E 101T 80N

- fine to medium  
equant antiferitic  
intermediate crystals  
to as 1 tuff.
- mod. calcite
- mod antiferite
- foliated

E SW 1/4 94/50, ✓

D6 116+ 50E

\* OCS BLO 63 \*

- massive fine to  
medium grained  
calcareous ~~and~~  
andesitic flow
- minor chlorite
- chlorite druzes
- trace sulphides.

SAT May 19, 1990 Cloudy

- mapping SBS GRN.

LINES 95N, 96N

106E - 113E T/C

D1 95N 106E

#OCSB 1064#

- fine grained green mafic (gabbroic) flow
- quartz bearing (25%)
- abundant hornblende, actinolite(?) chlorite, k-feldspar
- massue
- weak carb
- quartz carbonate veins
- trace sulphides.

A2 107E 95N

#OCSB 1065#

- medium, grained <sup>quartz</sup> mafic
- intermediate ~~to~~ lapillitic
- surf & extremely chloritic
- mafic lapillitic in intermediate
- matrix.

- stockwork quartz veins
- ankeritic
- no calcite

Δ3 107 30E 95N

\*OCSBLO66\*

f - 5M1 304/48

- fine grained leucocratic
- well foliated sericitic schist

- either rhyodacitic or rhyolitic ash tuff
- minor ank

- no sulphide

- similar in appearance to some of the rhyolitic tuffaceous units on Bar

Δ4 107 + 50E 95 + 10N

- fine to medium grained medium green dacitic ash to crystal tuff

- mod ank, sericitic
- calcite along foliation

f - 5M1 304/46

- some gty carb veins
- manganese staining
- no visible sulphide

\*OCSBLO67\*

Δ5 108+23E 95R

\*OCSBL068\*

- light grey green medium grained granitic to granodioritic
- abundant biotite, hornblende, plagioclase, quartz
- weakly calcareous
- trace sulphides (cov, Py)
- trace arsenite

Δ6 ~~108+60E~~ 109+30E

\*OCSBL069\*

1/5+1 299/40 ✓

- fine to medium grained greenish grey matrix
- lapillis to 90cm
- foliated
- moderately calcareous
- mod Fe carb
- some of carb veins

A7 109800

\*OCSBLO70\*

- very fine grained dark green massive, weakly foliated mafic flow with occasional quartz grains up to 5mm
- quartz brs.

1/5N+1 294/32 ↓

- strongly calcareous
- chloritic
- maybe an ash tuff.
- chlorite stringers

A8 110170E

\*OCSBL071\*

- light green <sup>pink</sup> coarse grained to fine grained quartzitic
- fine ch. nod. inside

- embayitic

1/5N+1 316/46!

- moderate foliation
- fracture filling quartz veins.
- maybe a gneiss.
- appears possibly of felsic intrusion
- intermediate xtal tuff. (clacitic)
- trace sulphides

A9 111+75E 95N

\*OCSBLO 72\*

- fine to medium grained light green schistose
  - slab- andesitic ash buff
  - well foliated
- 1/5n+1 308/48 ✓
- foliated surfaces extensively calcareous
  - matrix mod calc
  - mod ank
  - mod sericite
  - minor chlorite

A10 112+00E 95N

\*OCSBLO 73\*

- fine grained dark green well foliated mafic ash buff ± occ. gtz. tabs
  - very chloritic
  - no sulphides
  - no calc
- 1/5n+1 310/50N ✓



## LINE 96N

A1 11.2+95E 96N

\* OCSBLO74 \*

- medium green fine grained intermediate (andesitic) ash tuff
- chloritic
- v. weak carb
- fol well foliated
- minor sericite.

A2 11+45E

\* OCSBLO75 \*

- ~~shale~~ schistose
- medium grained leucocratic felsic looking rock
- well foliated

A3 5n+1 298/48

- quartz eyes
- calcareous
- abundant Fe-carb
- trace sulphides
- mod. sericite.
- possibly schist derived from intermediate to felsic crystal tuff.

13 110425E

\*OC5B1076\*

massive coarse grained

plag + gtzsch, mafic

Poor granite - granodiorite  
intrusion

- quartz carbonate veining

- sulphates disseminated

in trace amounts in

matrix but along

vein selvages and fractures

up to 25%

- minor antifer

- massive

End of Day Reverse

May 21, 90 sunny & cloudy  
periods

- SBS GRID

- line 0 97N, 98N

- ran into two kids & guys  
on way up; they own  
this range land; claim they  
are hunting geophiles.

- FIRST SAMPLES OCSBL078.

- beginning L 97N, 107E  
at road.

$\Delta 1$  109+00E 97N

\* OCSBL078 \*

- massive, weakly foliated  
fine to medium grained  
intermediate (andesitic)  
flow.

- calcareous

- chloritic

$\Delta 2$  109+75E

\* OCSBL079 \*

- micaceous, fine to med  
equant grains (qtz, fsp)

- felsic (rhyodacite) ~~flow~~  
flow

- calcareous
- abundant Fe Carb
- sericitic
- weak foliation

Δ3 109175E 96+93N

- melanocratic dark green fine grained mafic ash tuft #065B1080\*
- well foliated

Δ 501 306/38N ↓

- chloritic
- trace sulphides
- feldspar rich

Δ4 11250E, 96+90N

#065B1081\*

- medium green medium grained intermediate ash tuft bordering on crystal tuft
- chloritic
- weakly calcareous

Δ 501 334/48 ✓

- may be out of place.
- trace sulphides

Δ5 T/L13E 98N

Δ6 11250E 98N

\*OCSBLO82\*

- <sup>to medium</sup> fine grained leucocratic  
intermediate to felsic  
intrusive

- weak to moderate  
foliation

↗ S41 170 / 52W ✓

- may not be in place

- trace sulphides

- minor calcite

- minor chlorite

- moderate sericite

Δ7 110450E 98N

\*OCSBLO83\*

- moderately foliated greenish

grey intermediate (dacitic / dac-andesite)  
crystal tuff (or flow)

- trace calc.

- trace sulphides

- trace chlorite, amphibole,

- some quartz veining

Δ 8 108 80E 98N

\*OCSBLOG4)

- extremely massive green, fine grained mafic flow
- epidote
- minor chlorite
- some quartz carb veins
- trace sulphide
- minor Mn staining

Δ 9 10700E 97N

\*OCSBLOG5\*

- well foliated fine to med drum ground medium green
- intermediate ash to crystal bed
- mod to strong chl
- weak calc.
- mod. gntz.

Δ 1 Smt 28/30

- old sample stn

SBS5-030

May 23, 1990 Cloudy

Mapping SBS L 99N, 100N

- Duncan and Gord are chaining in line 103N from 113E to 120E and soil sampling, and then over to SBS Grid 2 to sample L 97N from 100E BL to 97E over shown zone.

A1 L 99N, 106 E

- boulder float
- extremely foliated chlorite schist possibly derived from intermediate (andesitic) K-fel tuff
- calcareous
- stock work quartz veining

A2 99+08N, 106+50E

- fine grained ~~chlor~~ green well foliated intermediate flow  $\approx$  Snt 300/40
- unoriented <sup>laser</sup> grains in matrix
- chlorite
- calcareous (15%) #0CSBL 086#
- trace dis, Pyrite -

- maybe 203 crystal buff
- possibly, some quartz  
eyes.
- stock with quartz veins  
and flooding give it  
a blocky appearance in  
vicinity of veins.

B 99+15N, 107E

1/2 290/150

contact #OCSBLOB7\*

- well foliated green fine  
grained intermediate  
(andesitic) ash tuff
- occ quartz crystals
- magnetite chlorite  
and sericite (15%)
- most calcite (10%)
- trace euhedral fine  
grained disseminated  
pyrite.

1/2 Smtu 290/38

in contact  $\tau$

#OCSBLOB8\*

99+25N, 107E

- extremely felsic leucocratic  
quartz feldspar <sup>porphyry</sup> intrusion
- medium grained
- feldspar porphyrite
- euhedral grains
- abundant muscovite mica
- trace to 5% pyrite
- abundant hematite weathered  
euhedral grains
- trace fuchsite
- quartz carb veining



contact & E-W.

\*OCBLO89\*

99+35E 107E

- extremely silicified  
and felsic as previous  
sample

- massive, medium  
grained granoblastic

- trace to 1% sulphide  
disseminated

- occ. quartz carb. veining  
in contact E

\*OCBLO90\*

- well foliated green  
with reddish weathering  
intermediate crystal size

f 5n+1 290/38

- calcareous, chloritic  
(chlorite in occ. blebs)

- medium grained -

- Fe carb - 10%

- hematite - 20%

- trace sulphides

A7 109100E 99N

\*OGSBL091\*

- weakly foliated, very fine grained mafic flow or mafic ash tuff
- chlorite
- trace sulphide
- these mafics may actually be extreme mafic end of intermediate

A5 109125E 99N

- \*OGSBL092\*

- see above description
- \* possibly bedding visible indicating this to be an ash tuff.
- weakly foliated
- quartz & kirkcaldine
- chlorite stringers

Δ6 Line 100N 113E

Δ7 99+90N 108+50E

\* OCSBLO93\*

- extremely massive,  
competent dark green  
mafic to andesitic flow  
- fine grained

- coarse occasional  
euhedral plagioclase  
laths

- chlorite

- minor carbonate

- trace sulphides

Δ8 106+ 65E 900N

\* OCSBLO94\*

- see sample 087+090

- medium grained well foliated

green intermediate <sup>plagioclase</sup> crystals

buff & Smt 310/46

- mod per, chl 20%

- fr ank

- mod calc. 20%

May 24, 1990 Cloudy and wet  
 SSS Grid mapping  
 line 101N, 102N  
 from 106E to 113E.

Δ1 LINE 101N, 106E

Δ2 101N 106+50E

- well foliated green  
 chloritic crystal full  
 to ash full

7 Sn+1 310/46.  
 - med <sup>to weak</sup> sericite  
 - med chlorite

Δ2 109+85E 101N

\* QCSBLO95\*

- massive weakly to unfoliated  
 green fine grained intermediate  
 flow (basaltic-andesite)  
 - med. calcareous  
 - chloritic

308/48

A3 112+30E 101N

- \*OCSB1096\*
- = dark grey (pinkish)
  - granitoid syenitic intrusion
  - abundant k-feldspar

A3 113E 102N

A4 10955E 102N

- \*OCSB1097\*
- light green porphyritic
  - well foliated interdigitated
  - to felsic rock (xtal/stuff)

f 308/48

- ~~shar~~ sharp gully
- minor chlorite
- andesitic dacite?
- rusty weathered surface
- weak anorthite

May 26/90 Overcast, cloudy  
 SB grid mapping L103N  
 C Sean

A1 103N, 120E

A2 103N, 116+00E #OCSBLO 98

- massive fine grained intermediate (andesitic) flow
- weakly foliated
- weakly calcareous
- weakly chloritic
- probably boulder float but NOT transported far.

A3 103N 114+75+E

\*OCSBLO 99\*

- massive leucocratic felsic, unfoliated massive dacitic to rhyodacitic flow
- trace sulphides
- trace antiferite

Δ4 #OCSBL100\*

102+90N, 11075E

- medium green weakly foliated fairly competent quartz crystal buff
- mod. calcareous
- chloritic

- trace sulphides

Py, CPy

- possibly 21

Δ5 #OCSBL101\*

103+05N, 11075E

- weakly foliated pinkish to light green crystal buff
- mod Fe dark

- trace sulphides

- CPy, Py

- f. bms 290/44

- trace calcite

- possible K feldspar

291.5/42

16 109 K50 E 103 N

- well foliated 75M 29/5/42

quartz porphyroblastic  
gneiss- quartz porphyroblasts  
are rounded

- mylonitic

- some rotational motion

- foliation is a shear  
fabric- some quartz augers  
(4cm x 10cm)- probably derived from  
quartz schist.

- very resistant outcrop

\* OCSBL 102 \*



#OCSBL106 \* 73E 97HSON

extremely massive  
light grey silicified  
possibly flacic  
intrusion.

= disseminated pyrite  
and base chalc  
to 30% in place  
semi massive

73E 97H

May 28/90 Overcast, raining  
SBS ROAD Mapping

RE

- \*OC~~S~~BG107\*
- massive quartz vein
- fractured somewhat and unkenitically altered
- chalcopyrite to 30%
- malachite to 30%
- roughly 1/2 m width oriented 320 317/66
- roughly paralleling shear foliation

<sup>RE</sup>  
\*OC~~S~~BL108\*

- hanging wall of quartz vein
- extremely sheared
- light grey green schistose (sheared)
- strong pyritic staining on weathered surface
- strong ankerite

BPG from limestone  
mine

356

- samples not flagged  
because off property

- 3.5 km along 5401

road from pt E 5400 rd.

- bedded limestone unit

324/86

May 31/90 sunny

BS Grid mapping

- finishing 196N

- first sample will be

OC SBL109

- beginning at 10725E

heading east.

109E

- well foliated quartz

crystal full (quartz porphyry)

- abundant quartz eyes

- almost felsic

- foliation 3/2/10

- contain by mafic (?)

flow at 10955E