

Little Dixon Dome
824707

Tuesday August 30, 1988
LITTLE DIXON DOME DETAIL
MM
CLEAR & WARM

- Note: lines run @ 045°
- L106+20N 14100E
(debris under or uprooted tree)
- E.g. medium green fsp porphyritic
intermediate to felsic volcanic.
fsp ($< 0.5\text{mm}$, 5-10%) in an aphanitic
matrix. Elongate in one direction.
- There is a definite planar foliation
(phyllite) to the rock and the fsp
xtals have been elongated parallel
to it.
- dacite to rhyodacite flow.
- FREX SAMPLE BR861323

L 105 + 25N 13 + 25E

vfg, milky white unit
which is very competent and
very siliceous.

The unit appears to be
very strongly albitized and
there are numerous v.f.
quartz stringers throughout.

- Any original textures have
been lost.

- The unit is v. weakly foliated
att:

- The fact that it is more
competent than usual and less
phyllitic, plus the strong
albitization suggests an
intrusive feeder to the surrounding
rhyodactes.

- Prev sample # BR 85 0468

- SAMPLE LDL 1001

- Note locally there is mod to
strong PY staining on
surface. TR PY w/ host.

- L105+65N 13+60E

- Vfg/aphanitic grey rhyolite.
- V. structures, v. competent
- PY ~~dominated~~ 10-15%.
- SAMPLE LDL1002
- Prev. Sample 23014

- L105+10N 12+40E

Vfg-fg, strongly albitized felsic volcanics. NO original textures are visible - it may or may not be an intrusive porphyry/extrusive flow.

P.S.# BR86-0469

- Note: 10-15% Quartz stringers.
- Locally the outcrop is non-albitized and appears to be a fg. dacitic to rhyolitic flow. (it also becomes more phyllitic) - sample 40L1003

AH: 108/72NE

- L105 + 03N 11 + 00E

- dark blue, c.g. fsp porphyritic / xtalire?
(0.5 - 2.0 mm, 25-35%) intermediate
volcanic. Probably Andesitic xtal tuff.
wkly foliated.

- P.S. BR860470

- L104 + 00N 12 + 30E

- m.g. light green felsic
volcanic flow - probably a
rhyodacite.

- the unit has a well developed
foliation which emphasizes
the units medium to coarse grained
fabric.

- It does not display a porphyritic
nature.

- P.S. BR861320

- L1047 N E

- Quartz crystal, fsp crystal
porphyry.

- Qz (5-7%, 1mm), fsp (0.5mm, 10-15%),

- 1-2% Py

- The unit is fg-mg and often pink in colour. It is weakly phyllitic and, though competent, it has weathered significantly.

- It appears not to be a good fresh Fm but may altered? and weathered.

- SAMPLE L0L1005

- L103 ± 95N 14 + 30E

- Fg to m.g. - fsp xtal (0.5-1mm, 15-20%) sub-crystalline intermediate volcanic.

- Dark green/blue in color.

- Andesite Ash Tuff

- P.S. BR861321

(Though sampled previously it had not been marked on the map.)

Wed, Aug 31 1988

LITTLE OXON DETAIL

MM

CLAR + WARM

- L102100N 15+26E

- m.g. green felsic volcanic.

It is somewhat grungy in appearance - perhaps fsp altering to clay.

- It is moderately to well foliated

- There is TR AX and moderate Hematite.

- SAMPLE 4041006

- Rhyodacite flow.

- L102100N 14+75E

- QZ nodules, rhyodacite clast agglomerate.

- QZ (5-10%, 3-7cm)
clasts (20-25%, 2-15cm)
matrix (5-75%)

- Pyroclastic flow.

- P.S. BR861312

- L102+00N 13+85E

- m.g. equigranular fsp
dominant felsic volcanic (\pm QZ).
- the host is moderately to strongly sericitized giving the fresh surface a lime green colour.
- this unit may be a f.g. intrusive component to the felsic flows but it does not exhibit a porphyritic texture.
- P.S. BR861313
- TR - 2% PY is visible plus TR HE.
- Note: The unit is moderately foliated giving the appearance of a flow.

- L101+75N 13+85E

- m.g. light green (mod sc)
felsic volcanic flow.
moderately foliated.
- ST FE staining.
- TR PY.
- SAMPLE L0L1007

- locally the unit loses its foliation and becomes relatively competent, however, it does not exhibit a good porphyroitic texture.

SAMPLES LD1008, 1009, 1010

