

DB#1

JUNE 10/82

GOAT CLAIM:

840627

- WEATHER: SUNNY, CALV.
- FLY CAMP WITH MIKE G., ROB & FRANZ

△ DB2T1-1:

DB2T1-1 + DM2T2-2

- orange-brown, rough weathering peridotite/dunite
- serpentinite patches, < 3m long (extensively sheared)
- extensive stockwork system of qtz-magnesite veins
- colorless chalcedony to milky white qtz
- random orientation
- open spaces
- heavy ⇒ magnesite (FUSITE)
- pale green, massive min. associated with UN rock
- qtz veins up to 4 cm thick av. < 1 cm thick

△ DB2T1-3:

MG2T2-3

[CHIP SAMPLE DB2T1-3] +

- on small fault(?) scarp

- looking west:

- serp. %'s & gravel  
in contact with dark  
brown UM(?)

- shear zones on  
valley sides

090/75° S

- may also be light grey,  
dykes up to 10m thick

090/50° S

- orange-brown zones  
further south down Steep Cr

- % on scarp is dark  
brown, massive, weathers rusty  
brown, fgs to mgs, fractured

- orange brown mgs pebbles/  
float & welded %'s  
between here & △ 1

△ DB 2T1-4:

- along scarp east of △ 3
- fgs to aphanitic dark grey rx - meta-siliceous argillite OR volcanic rx (??)
- angular fragments of variable size
- rare white gtz veinlets < 0.4 cm thick
- no bedding or structures are evident

[chip sample DB 2T1-4]

△ DB 2T1-5:

- pinnacle shaped %'s on grassy hillside
- weather orange-brown
- fgs, massive silty sands + minor darker grey argillaceous rx
- % cut by orange-brown, fgs granodioritic dyke ~ 1m thick

- dyke is discontinuous

DB2T1-5 silty ss

- Inklin

- fgs, orange brown

DB2T1-6 dyke ss

DB2T1-7 argillite

- dark grey

- aphanitic

△ DB2T1-8:

- excellent exposure of well bedded Inklin ss

- fgs to aphanitic

- dark grey, weather orange-brown

- local minor folds

- possible sill or dyke at top of ridge

- weathers shonger orange-brown

bedding:  $\frac{05}{\perp 090}$

090/85 N

- bedding on mm to m scale
- alternating siltstone with thinner argillite beds

MG2T2-4

△ DB2T1-9:

- mgr, altered intrusion
- weathers orange-grey
- kaolinitized, fractured

DB2T1-9 mgr, FS + minor QTZ

- kaolinitized porphyry

Δ DB2T1-10:

- tan, brown c/o dk on side of talus slope
- siliceous, pyritic rock
  - rare angular frags.
  - some in breccia

DB2T1-10 sty-f porphyry (?)

- siliceous, fresh - white
- hard

- cc veinlet ~ 0.3 cm thick

- part of the intrusion found at Δ 9
- possibly siliceous veins within the intrusion

MG2T2-5

2  
Δ DB2T1-111

- greenish grey fgr. rock
- fractured extensively
- no rusty zones

DB2T1-11 volcanoclastic (?)  
- b. phenocrysts (white) crystal  
- fgr. massive ↑ flag  
- greenish  
crystal tuff (?)

Possible bedding: 125 / 75 SW

$\frac{1}{75}$  125

TRAV #1 SUMMARY:



TRAV #1 - Summary

June 10

△ 1 → 11

Started trav on orange-brown, weathering knob of peridotite/dunite. The rock has stockwork veining of qtz ± magnesite (?). Qtz is colourless to white & thinly laminated to coarsely crystalline. Some open spaces remain in the vein system. Veins up to 4 cm thick, Av < 1 cm thick.

Probable fault scarp at △ 3 trending at ~ 090 & dipping ~ 75° S. Fine-grained, massive, dark grey rock around △ 3, maybe an intrusive (?).

Cliff face east of △ B is bedded siltstone/argillite of the Inokim Fm. Orange-brown dykes cut sediments & are also semi-concordant to bedding. Argillite is commonly within the dykes as sheets or blocks over 1 m in long.

Feldspar-quartz porphyry weathering orange-grey crops-out at △ 9. It is kaolinized & locally pyritic & siliceous. Calcite veinlets are rare.

Around △ 11 over the rock is greenish, massive, fine-grained & commonly with Fs crystal fragments. It is considered to be a crystal-tuff, ~~rather~~ part of the Inokim Fm.