

RAFT
826981
92F/2

Date: Oct 1st, 1983
Exam: Sept 28th, 1983
Examined by: IDP, R.E.
Area & Province: Part Alberni, VI, B.C.
NTS: 92F/2 SE
Deposit type: ?
Commodities: ?

Name of Prop. RAFT

Summary of Conc. & Rec.

Action Taken

GENERAL INFO.

Location: 25km SE of Part Alberni

Mir. Div. Victoria

Lat; Long: $49^{\circ}03'$; $124^{\circ}35'$; UTM 384500 E 5434000 N.

Access: logging road from Lake Cowichan or Part Alberni

Size of Prop: Approx 170 units, 30km^2 (includes High Grade vein, Summit Lake, Black Lion - Black Panther). May be subdivisible

Ownership:

Owned directly or under option by Lake Resource Corp, 1020-475
Hove St, Vancouver

Geographic Setting:

In logged out area near an unnamed creek draining the west side of the ridge extending south from Mount McQuillan and running into the Nitinat river. Moderate slopes, fairly easy access.

History:

Recently discovered by prospecting logging roads.

Development:

None

MINFILE REF.

GEOLOGY

Regional:

Part of a belt of ^{Paleozoic} Sicker volcanics. Majority probably mafic Nitinat volcanics and related intrusions. Bedded volcaniclastics and epiclastics may be Myra Formation. Numerous NW-SE ^{and N-S trending} faults interpreted by Muller (1980).

Prospect:

A large boulder and several smaller boulders of disseminated to semi-massive pyrite have been exposed by road construction. They appear to be locally derived (within 10's of metres). Gangue consists almost entirely of epidote-quartz in the better mineralized pieces. More weakly mineralized material consists of veinlets of pyrite in mafic volcanic, associated with epidote (-silica-albite?) alteration, which can also be seen in nearby outcrops. Where unaltered, the host rocks are distinctly pyroxene porphyritic, basaltic ^{flows} (Nitinat Formation). Evidence of local shearing in the form of chloritic slickensides is abundant.

Prospect (cont).

The sulphide boulders occupy the southern portion of a 1-2 km² reconnaissance soil geochem anomaly (Cu, Zn, minor Au, Ag). A nearby creek also yields anomalous geochem values.

No geology has been done by the owners

Samples Taken:

BCS 164 Small boulders with a few pyritic veinlets in bleached (albitized?) mafic-intermediate volcanic. Moderate epidote

BCS 165 Semi-massive sulphide boulders

BCS 166 Basalt-andesite flow and breccia (Aa-type)
Traces py. Minor qtz-carb-ep veining. Chlorite slips.

Size Potential:

Insufficient data

Economic / Environmental Considerations

readily accessible. No major topographic constraints

CONCLUSIONS & RECOMMENDATIONS

REFERENCES

Muller, J.E. (1980) The Palaeozoic Sidas Group, Vancouver Island
GSC Paper 79-30

APPENDICES, MAPS & FIGURES

Map 1. CFC trace in Raft area.

App 1. ~~Geochem~~ Geochem. Results

RAFT CLAIMS

- semi-massive py in ep-sil rich shear zone. Nitriat, pyx poqk where not epidotized. Shear zone look w. good slickensides common.

Best s⁺⁺ not in r/c. Pubblh pushed up from road eastⁿ.

- s⁺⁺ blds located at S end of a broad (1x2km²) zone of soil & stream anomalies (3pts)
- Cu, Zn minor Au, Ag.

- located on NW side of Valley 1 East from Rift Cr. N of swampy pond, just where valley narrows.

- Sample of best s⁺⁺
- smaller blds with minor s⁺⁺
- 1 of wallrock in area