

SIG: 21 P5A7

49° 43' 30"

117 27 47

Piedmont

82 F/11W

002355

~~Hope No. 2~~

Hope No 2.

(Piedmont) 527 tons
527 tons @ 14.8% Zn p 79

082 F/11W 122

Ref: ORR. J., (1971): USC Thesis: Mineralogy & Composition
of mineralized zone of mineral deposit in Sloane
City camp

- unique skarn deposit p 11.
- has massive pyrrhotite pyrrhotite assoc @ chalcopyrite
& sphalerite, & pyrrhotite x-bedded from sphalerite
along @ chalcopyrite in a skarn of garnet,
diopside & calcite. p 16, p 18
- well developed malachite in Piedmont heavily
replaces pyrrhotite along crystallographic planes.
It is assoc. @ pyrrhotite, sphalerite, & chalcopyrite. p 16

EXPLN IN BC 1987, C54 ~~77~~

- roof pendant of J-1 Sloane GP metaseds
in Jurassic Nelson Bath. Sals strike NW,
shallow SW dips. 2 mass sulph. showings
present: one is skarnified sand - looked ZnS,
PbS, Pt & po at or near a granodiorite
contact; other is stratiform Pt, Pb, ZnS & PbS
10.9 km line sul, etc.

ADD A.R. 14764, 16063.

2/11/758
KORE GOOD (S) GOOD RENT 2204
FL HOPE PROJECT, 5 04 2204

ONCE AGAIN, THE

- pendant along gite cr.
- Dred by 177m U/G workings in 4 ad. h.
- LATT brod 525 tons 15% Zn 4.7% Pb 3.802 Ag
- Sampling indicated presence of a modest tonnage
of readily mineable ore in the 3000 tonne
range grading 15.6% Zn, 6.2% Pb, 3.61 oz Ag
- Dred pendant bottom marker approx 700m
Ø & anomalies ~~sub~~ Pb Zn Ag values occur
in 50-1's over most of pendant

A.R. 16063. Soil KOC SURVEY ON THE HOB
Prop-ly ~~to~~ J-100TING, 1987.

max elev 5000'; max relief: 2700'.

SC. Gp. meta-sands, in which the Bth. meta-sands are argillite, gte, micaceous gte & minor carb. horizons. Beds strike NW $\sim 50^\circ$.

(a) shallow sea drops

- most sig. unit is a mass. sulph bed (Clary Hole)
@ ZnS, Pt, Pb, & minor PbS, @ garnet & epidote
- Another zone is a 1' wide bed of massive sulph (Pb, Pt, ZnS & PbS) stratigraphically conformable on a quartzite horizon

- Oct to Dec 1987 410 soil samples taken by Amex Lyle Bruce. Delimited, large Zn anomaly within which were many individual or multi-element Pb, Ag, Cu, As anomalies.
- 2 distinct trends: one N to bedding (E-W) & one W-S. Both appear assoc. @ early mass. sulph. mineralization
- Compressive zones (e.g. bulbous) may represent fault structures as they form an abrupt limit to the Zn soil expression.