

SMALL MINES CONFERENCE - TERRACE

SCOTTIE GOLD - Norm Tribe

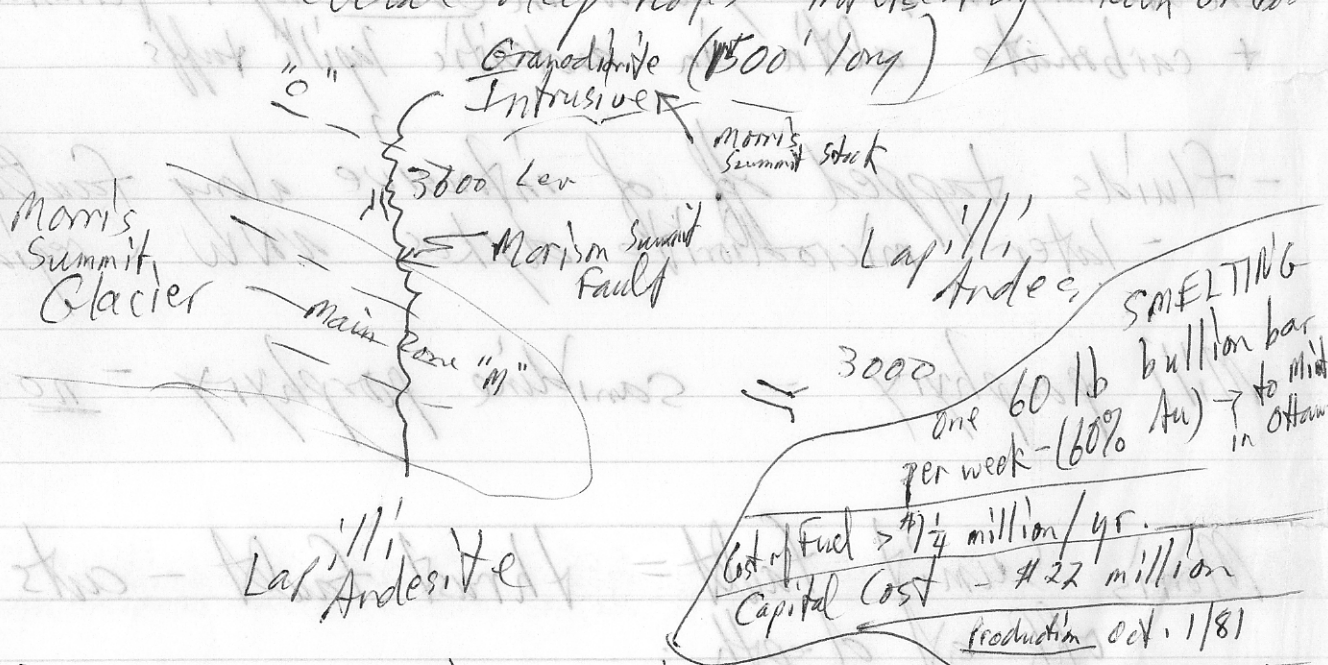
Nov. 6/84

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History

1930 - Scottie Gold - Morris Summit property
 1931 - optioned to Premier Operating Co.
 - small drill - 16 holes (by pack train)
 = "O" Zone

1934 - optioned to Cominco
 - several deep holes - intersected main ore body



? - Salmon River Mining Co.
 1500' adit on 3600 Level
 into downward projection
 - 3 yrs. work

1945 Morris Summit Mines Ltd.
 8 adit on "M" zone 3000' of drift
 from 3000 level

1978 Scottie Gold Mines Ltd.

Adit 7200' long
 from camp.

OVER!

- lake drops nearly 200 feet - up to 2800 mill level ("Jockalup")
- underground mill
- Free gold

GEOLOGY

- Hazelton, B.C. volcanics - host - andesite lapilli tuff
- assoc. intrusive (to north) = heat source, driving force
- red staining in rx. = yellow on Grove's map! = pervasive pyrite + carbonate (alt'n in andesitic lapilli tuffs)
- fluids tapped off of intrusive along faults
- later microgranite dykes (NW - regional swarms)

Mill porphyry = sandstone porphyry - no relationship to ore

Morris Summit fault = thrust fault - cuts ore bodies off at depth.

500 to 1000 ft. ~~vertical~~ from veins to Cd.

- marked banding in ore lenses, pods
- ~~off~~ py-po ^{up} to 300' length up to 10' wide
- up to 20 g/t - av. .5 g/t Au Mining widths up to 30 ft.
- Au-bearing up to 150' long.

- little cpy + $2nS$ (+Au) + 1st arseno (no gold)

ORE RESERVES: 125,000 tons @ .5 g/t Au cut-off: 3 oz/t Au

MILLING: only 4/8 mill in western world.

260 tpd

Au-cyanide leach

92% Au recovery .04 oz/t tails