

890006

Alpine
82F/11W
82FNW
127

Nelson Conference

Apr. 15/89

Devlin: Tillicum - good talk (nothing new)

Henrich: Moyie R. Placer 7:1 stripping ratio \approx 260/oz Cdn.
av. .06 opt/cu yd.
- channel ~ 44 ft. below present surface (seismic)
(6 ft. of pay dirt)

Smithson: Alpine Project - Core Res. ~~82F/11W~~ Elev. 7600 ft.
Access: Hwy 3A, 9 miles east of Nelson - no slides (overheads) Mesothermal (à la Eastern Canada)

- par. Cd. host (central Nelson batholith)
- vein structure cut by lamprophyre dykes (no alt'n)

- Qtz Vein: flat (to 30°) dip to W

Alpine Vein: - 2 to 3 phases of silica emplacement

- auriferous sulphide followed by 'bull' qtz.
- consistent (minor 'rolling') .5m to > 2m widths

- HW competent; FW med. alt'n (cht-ser) with qtz. bands

- qtz. fissures: 1) patches of MS (px, Pbs, tr. cas, tetra) - bottom 2/3 of vein
2) stringers in frac. sets parallel to vein struc. (px, Pbs) FW + rare ~~MS~~ U.S.

Bulk sampling: free milling (86% rec.) thru jigs

- 17,000 tons prod. in 1940's - closed due to price, labour, etc.

- 1987 - work - 10 ddh

- 1988-'89 - rehab. + bldgs const., detailed surface / 40 sampling (Cominco helped)

1000 ft. on down dip extension (e 25° dip) - 4 ddh =

1) 332-352' = 20' @ .49 opt Au

2) 349-370' = 21' @ .507 opt Au

check - drilled down shoot?

[Agreement in principle with Cominco] - Ted Muraro

Cominco AR: 19483 (1989)

by Greg. Mosher