Notes by: Tom Schroeter

MEG TALK

-1-

019434

Mar. 23/88

SNIP — Ron Nicols

- intro - Stan Pedley / Thanx - Ron Netolisky

1966: 4 ft of > 60 g/t

- Discovery trench

GEOLOGY

'Simple' → Fsp. wackes + ss + sst. 045 - 100/10-40° NE

est. L. Jurassic (Unuk R. Fmn.)

- orthoclase porphyry + extensive alt'n halos (qtz-ser-py)
- main structures @ 120°

OWNERS: 60 Cominco / 40 Delaware

- original (1980's) drilling @ 100m step outs from Discovery T.

Geochem: soils > 100 ppb (→ 200 ppb linearity - NE)

↓ 25m spacing down face of hill

1986 Work (ddh): incl. 2.8 m @ 36 g/t Au

> 1000 ppb - largest soils

500 to 1000 - good

AIRSTRIP - ultimately 4800 ft. long

- following with 50m ddh spacing / to 250 m down-dip

TWIN ZONE STRUCTURE 1000m x 500 m vertical

- open to east + down-dip 110-120°/40-60° SW
- 48 ddh along this zone (33 used for 'ore' calculations)

⟹ considerable potential into hill + down dip

1988 - 325m level plus 'up' + 'down' drilling

- 150m level - haulage level

Mineralogy: telluro bismuthite, hessite, volynskite, py (10-15%), po, asp, ZnS, PbS, cpy, tetra, MoS_2, cosalite, mag + native gold

Gangue: calcite, ankerite, qtz, bio, chl, kspar, sericite

⟹ MESOTHERMAL (i.e. no vertical zoning)

- interbands of low grade gold in kspar alt'd fsp wacke
- bio-chl - rich sections locally ab. (rare 'ore' values in HW/FW)

Reserves (conservative)

1.1 m tonnes @ 24 g Au/tonne

~~Av. Metal Content in Ore~~

- common assoc. with arsenopy - as free Au.
- also with tellurides

Fe	9.84
Zn	2100 ppm
As	662 ppm
Cu	504
Pb	360
Au	45 ppm
Bi	33
Cd	16
Ag	14
Sb	1
Hg	9 ppb

Recoveries 75% Au
80% Ag

Q: 'Cut' factor 150g/t - ~~why~~?
- 'common sense' (only 144 pts.)

Netolisky: ~$3.5 m spent
∴ Good cost/oz expl'n!!

- u/G portal to be collared this week. (Mar. 23/88)

Q: Min. assoc. with intrusions?
- Could be but no direct evidence yet

Q: Av. width of vein system?
1-10m Av. 3-3.5m Au dist'd evenly

Q: Silts at base of hill anomalous?
- very little drainage - cks. go u/G ∴ went to soils!

Q: Twin structure related to regional structure?
- not topographically but close to Bronson Ck. structure

Q: F/y job vs rd → F/y (to start)