Terry Carl
William Taylor

Windpass
889608
92P/8E
92P039

K&G

WINDPASS

Feb. 25/88

Fred Daley
- Ken Addison

Host Rx = Fennell Fmn.

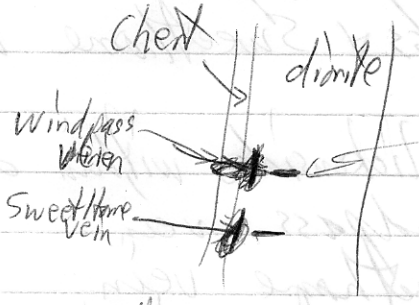
Bi > 50 ppm
Te > 0.4 ppm

Au ± Bi tellurides - I.D. by BSC + Windpass Mining

py - magnetite destruction zoning ± po

Au assoc. with bismuthinite

Host rk. - diorite (now occupy volcanic neck) - sill



Note: veins trend E-W

- good ground magnetics
- downhole geophysics useful i.e. assn. of 'ore' with higher mag. susceptibilities (i.e. higher py - silica content) + Au
- Sig. cobalt in 'cores' of ore shoots - cobaltite (i.e. reflects mafic diorite host source)

Production (1920's + 1950's) - mainly from Windpass vein
80,000 tons @ .173 oz Au

Qtz - mag - po + V.G etc.

9 levels of devel. on Windpass Vein
- NE rake in 'shear zone' system

Mineral Zoning (Historical)

Co - Au (mag cpy) 'core' → cpy-mag 'Transition Zones' → mag → py-po-cpy → Qtz-B 'Fringe'

2 to 10% Co

(OVER)

Target - look for offset down-dip extension of Windpass vein.

- good use of excavator trenching (timber + o/c)

Total Field Ground Mag Survey
- cherts (west side) = mag low
- diorite sill = mag high
- picked up Windpass & Sweethome veins (E-W)

Windpass 'Shear' - gouge, slickensides within diorite - intense chlorite minor px. (gtz-carb.)

1987 - 5 ddh into Windpass vein
3 ddh into Sweethope vein
2 ddh on mag anomaly east of Sweethome

Terranes: Fennell ≡ Slide Mtn ≡ Sylvester ≡ Anvil

Age of Mineralization?