

Island Copper
(John Lamb)

Utah Const now owned by Gen. Electric

Plot 1 km x 2 1/2 km

bottom - 130M rel to S.L.

- aeromag survey led to claim staking
by a prospector (looking for Fe)

Utah optioned it - '66

Original drilling disappoint - on a
secondary anomaly
^ Hole 82 hit the ore

In last 10 yrs 130 MT of ore mined

40 000 TPD ore mined now

250 TPD Conc, 23% Cu 0.202 Au 1.2502 Au

+ 10 tons Moly Conc.

Rh-bearing

Customers USA + Germany

Island Copper

Karmutsen

Ore in Bonanza ~ 500' above base

and + dac volc bx + app'l.

lap tuffic + thin bedded tuff

marine fossils in N wall of pit

antiform ~ N wall

steep SSW dip

- a pre-ore, ore controlling structure?

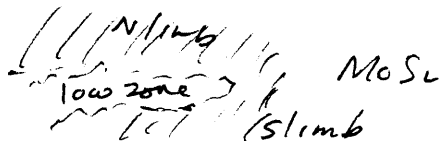
ore - x section



Pit ultimate depth ~ 1200 BSL

Plan - long attenuated shape

300 m x 1500 m



Island Cu

QFP - mostly barren but loc mineralized
ser-kaol. altn

Breccias - pyrophyllite ^(tan) ~~bx~~ over
dyke @ west end of deposit
(dumortierite brg)

Faults - only one major one - it is
SW of ore body
splay off Dawson Fth.?

Altn

Cont. metam altn out from dyke

100 m wide bio zone

180 " " chl "

300 " " epid. "

Hydro altn ~~more widespread~~ ^{less widespread}

Speculation

van. Is. a Cu province

u Texada Cutface Coast Cu

Karmutsen - copper source - concern by
remobilisation, esp into skarns + things
like Island Copper. Island: skarn at depth?