

# Texada Island.

888048

YOUNGERS  
↑

## - Rock Types

- outcrop? { - fine gr'd green rlc 'greenstone' 1-1 1/2' wide.  
intrusives: { - NW trending feld. peph. dyls ≤ 50' width.  
 - aplite - dyls.

- Mesozoic  
Jurassic? - smaller bodies of diorite, diorite porphyry. } plus, stocks,  
 } dykes.  
 - qtz-diorite + granodiorite

Mable Bay Fm. - ls + . α Quartzite  
 - upper Triassic ≤ 2500' thick.

Texada ~~Exp.~~ - volcs. α Kamutzen.  
 - Triassic.

## ORE DEPOSITS.

### SKARNs. - 2 types.

① Au-Cu-Ag. skarns. α Vananda Camp.

- smaller - higher grade. (eg 60,000 tonnes)
- contained in ls + local bleaching.
- (porphyry) diorite intrusions.

② Fe (Magnetite) Skarns w by-prod. Cu, Mn, Ag.

- ls + volc. contact
- qtz-dior. intrusions.

shear zones + veins - west of Vananda camp - high grade.  
 eg. Maguire, Victoria, (Bolivar?) - in volcs. (?)

- 10-15° wide - r. n. zone

- BO. V.A.P. -  
property

Zebra lst w. intermed. bands of lst + black lst.

→ v.g. in stratiform lst. bed ↑

Jim Morin - called

Mon. May 4/87

## TEXADA ISLAND

mill operating @ 70 tpd.

→ Raven (Red Cloud) prop - cobalt bloom

→ Golden Slipper - v.g. in calcite vein

→ Ideal Cement Quarry - semi-massive py + ZnS  
with misc. v.g. + tellurides

## GSC References:

- ① Ec. Series 3, v. I Iron Ores of Canada - B.C. + Yukon
  - covers Prescott, Lake, Paxton
  - refs from McConnell
  - rock type descriptions
  - ore deposit " - size, shape, altn, grade...
  - geol. maps of each
  - mode of origin (3 theories)
  - doesn't totally agree w recent views
- ② paper 68-50 Ec. Geol. - deposit types G<sub>8</sub>, F<sub>1</sub>, F<sub>2</sub>.  
on Texada Is.
- ③ Bull. 172 - Sangster 1962
  - Contact Metasomatic Magnetic Deposits of SW B.C.
  - describes rock types
  - geol. of Prescott, Paxton, Yellowknife + Lake Deposits.  
(Fe skarns)
- ④ \* Mem. 58 1914 -  
Texada Island, B.C. by R.G. McConnell
  - entire publication on Texada.
  - only one that describes all ore deposits.

TEXADA ISLAND - Charlie Forester LEO '93 Apr. 20/93  
(Vananda Gold)

Gradient IP array - suggest target ~ 400m deep  
(Note: in '88/89) Freeport McMoran drilled anomalies  
to 120 - 200 m depth - i.e. should have been deeper

1992 - dropped option)  
516 m dddh - high chargeability anom (no sul.)

- base metal replacements (mantos)

Since Jan '93 - 10,000 m of drilling

- Cadmium geochem (20-30 ppm) in Zn-rich 'veins'