Cinola 34 Mt 1.7 g Au/ton (24 Mt mineable)
Lawyers

825941

Cinola 103F/9E

LOCATION Graham Island, northern Queen Charlotte Island

PROPERTY 41 MGS claims, 7 fractions

HISTORY 1970 discovered by prospectors Spegona and Trico
1971 staked Babe claims, optioned to Kennco who carried out silt & soil sampling, mapping and 2 DDH (55.2m)
1972-1977 Cominco, Placer, Silver Standard, Quintana
1977 Consolidated Cinola bought the claims. Energy Reserves provided financing ~~1979~~
1979-1983 200 surface DDH, 12 UG DDH (28,600m)
461.9m tunnel
City Resources

GEOLOGY

Classified as epithermal gold deposit in porous volcaniclastic and clastic rocks related to a Miocene-Pliocene rhyolite plug.

Located at the fault boundary of Skidgate plateau and Charlotte Lowlands. Rhyolite porphyry intrudes along the fault at the deposit. The eastern block of the fault hosts the ore zone, which is largely concealed by unconsolidated Pleistocene and Recent clastic rocks

The ore deposit is hosted by coarse clastic rocks (conglomerate and sandstone) of the Skonun Formation east of the fault controlled rhyolite porphyry, and unconformably overlying the less permeable Haida shale. The principle rock type in the ore zone is a polymictic conglomerate, ~~composed mostly of felsic volcaniclastic and clastic~~ sedimentary The clastic lithologies are 60% felsic volcaniclastics ~~and~~ 30% mafic volcanic and 10% siltstone.

Alteration is pervasive in the host rocks and consists of silicification sericitization, illite and kaolinite argillization
Footwall fault (Sandspit) movements occurred during alt'n & miner.

Pyrite and marcasite pervasive in conglomerate and as replacement of wood frags ; constitute up to 2%. Chlorite halo around rhyolite. Rhyolite is sericitized. Hypogene mineralization consists of fg qtz, chalcedony, pyrite, marcasite, hematite native Au & ~~tr~~ cinnabar tr cpy, sph.

2 stages Au mineralization ① fg Au through porous strata (pyrite both) ② veins & veinlets, coarser grain Au & sulphides Cu, Zn, Pb

Oxidized to 20m depth

Reverse circulation drilling

Au results lower

Corvola example WHill Mining Cons calculated average grade

as 1.81 gm/t Reverse circulation holes

1.85gm/t Diamond drill holes