

2180 0006

PROPERTY NAME: Lookout Mine

OTHER NAMES: Pigskin and Worthless Claims *Good Hope Mine?*

MINERAL COMMODITY(IES): Cu, Au

TYPE OF DEPOSIT: Vein, Skarn

ACCESSIBILITY: See map, roads good

OWNERSHIP: Unknown

PRODUCTION: Small

HISTORY: Unknown

County: Esmeralda *Item 6*

Mining District: Good Hope (White Wolf)

AMS Sheet: Goldfield

Quad Sheet: Piper Peak 15'

Sec. 13, T 4S, R 36E

Coordinate (UTM):

North 4 1 6 1 3 5 3 m

East 0 4 1 8 0 0 5 m

Zone +11

DEVELOPMENT: Vertical shafts, fenced off, mill, leaching ponds, abundant surface workings, Small compact operation

ACTIVITY AT TIME OF EXAMINATION: None, but indications of recent activity, probably within last year

Cambrian
 GEOLOGY: Workings in Ordovician Poleta Formation, medium grey crystalline limestone, (alleged to be fossiliferous). At mine site, workings follow aphanatic, gossany, mafic, greenish-grey, porphyritic dikes that are almost vertical and trend NW. Contact between limestone and dikes sharp, almost as if fissure filling. Associated with the dikes are heavily Fe-Mn stained, dense, gossan zones, minor chrysocolla and malachite occurs associated with the crystalline calcite veining (clean, limonite and hematitic stained). Calcite also occurs as pods in the limestone, and as vertical veins following bedding planes and trending generally N20W. There are a few cross-cutting veins. Beds at the site are almost vertical, and steeply dipping NW. Additional workings on top of hill above main workings each follow a dike, each of which are up to 10 feet wide. Dikes are cut with microfractures and shears. Dendritic pyrolusite coat surfaces. Host limestone is banded and interstratified. North of the mine and possibly related to it are the Pigskin and Worthless claims.

REMARKS: Sample Site 1283

REFERENCES:

EXAMINER: Smith/Bentz

DATE VISITED: September 25, 1982