

2870 0032

PROPERTY NAME: Alpine Mine

OTHER NAMES: _____

MINERAL COMMODITY(IES): Ag, Pb, Zn

TYPE OF DEPOSIT: Replacement

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

County: Esmeralda

Mining District: Lone Mountain (Alpine)

AMS Sheet: Tonopah

Quad Sheet: Gilbert SE 7 1/2'

Sec. Unsurveyed N2, R 39E

Coordinate (UTM):

North 4 12 10 9 4 5 0 m

East 0 4 5 0 8 5 0 m

Zone +11

DEVELOPMENT: Several adits, stopes

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Workings occur along what appears to be a brecciated zone along bedding in bleached, recrystallized Reed dolomite. Lamprophyre dikes cut the section, have caused silicification near their contact zones. The bedding - controlled mineralization exposed in the upper stope shows crusts and fillings of MnO and CuOx on and as filling around and between blocks of dolomite. Dolomite blocks are recrystallized in the center, wollastonite occurs as rims on the blocks, and the oxide minerals intermix with and coat the wollastonite. Minerals noted are manganese oxides, hemimorphite, aurichalcite, malachite, calcite, wollastonite, cerargyrite(?), argentite(?).

REMARKS: Last mined 1906 - W W I.

Photos

Sample 2006

REFERENCES: _____

EXAMINER: J. V. Tingley

DATE VISITED: 4/29/83