

0480 0087
PROPERTY NAME: Fortitude Mine

OTHER NAMES:

MINERAL COMMODITY(IES): Au, Ag, Cu Zn

TYPE OF DEPOSIT: Skarn & replacement

ACCESSIBILITY: Excellent

OWNERSHIP: Battle Mt. Gold Co.

PRODUCTION: Reserves approximately 1.6 million oz Au

HISTORY: New ore body discovered in 1983 in old district.

County: Lander

Mining District: Battle Mt.

AMS Sheet: Winnemucca

Quad Sheet: Antler Peak 7 1/2'

Sec. 21, T 31N, R 43E

Coordinate (UTM):

North 4485000 m

East 0489000 m

Zone

DEVELOPMENT: Open pit.

ACTIVITY AT TIME OF EXAMINATION: Operating.

GEOLOGY: Antler Peak Limestone in Lower plate of Golconda Thrust cut by granodiorite porphyry dikes replaced by calc-silicate minerals, locally silicified and contains abundant sulfides, some sulfide in Havallah argillite of upper plate. Sulfides include pyrrhotite, arsenopyrite, chalcopyrite, sphalerite, pyrite. Locally sulfide forms approximately 50% of rock.

Deposit zoned laterally outward from porphyry stock and copper-gold skarns.

REMARKS: Sample 3305

REFERENCES: NBMG Bull 88

EXAMINER: H. Bonham, Jr

DATE VISITED: 5/86