

4720 0019
PROPERTY NAME: Four Aces Mine

OTHER NAMES: Sylvania Mine

MINERAL COMMODITY(IES): Pb, Zn

TYPE OF DEPOSIT:

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

County: Esmeralda

Mining District: Sylvania

AMS Sheet: Goldfield

Quad Sheet: Magruder Mtn. 15'

Sec. 23, T 6S, R 38E

Coordinate (UTM):

North 4 1 4 0 0 2 0 m

East 0 4 3 4 8 1 0 m

Zone +11

DEVELOPMENT: There vertical shafts, one decline over 2000' of strike length of pendant.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: Limestone pendant-contact zone, marble at portal on S. site of canyon strike N10°W, dip 70°Ne, has lenses of garnet-epidote skarn, some gossan, E-W shear zone cuts skarn, mine workings appear to be aligned along the E-W structure. At head frame on north site of canyon, marble-skarn band strikes N50-60 W, is near vertical zone is 100' wide, has FeOx-stained gouge zones along it, skarn on dump contains galena, sphalerite, pyrite. Dump west of vertical shaft contains massive garnet skarn with molybdenite, powellite, some scheelite.

Sample 1257-A (skarn)

1257-B (vein material)

1258- MoS₂ - scheelite skarn

Photos.

REMARKS: Mine workings are along about 2000 feet along pendent, vertical shafts (old) at two points - E & W ends, tunnels & stopes probably connect, newest work from decline just east of mill. Complete flotation mill, including power plant & assay office on site, appears to have been shut down for 10 years.

REFERENCES:

EXAMINER: J.V. Tingley

DATE VISITED: 8/17/82