

3640 0039
PROPERTY NAME: Half Moon Mine

OTHER NAMES:

MINERAL COMMODITY(IES): Ag-Pb, Au

TYPE OF DEPOSIT: Vein

ACCESSIBILITY: See map, road good

OWNERSHIP: Unknown

PRODUCTION: Est. \$840,000

HISTORY: Worked 1860's, ore hauled 1880's, intermittent production up to present

County: Lincoln

Mining District: Pioche

AMS Sheet: Caliente

Quad Sheet: Pioche 7½'

Sec. 20, T 1N, R 67E

Coordinate (UTM):

North 4 2 0 0 9 7 5 m

East 0 7 2 1 0 7 5 m

Zone +11

DEVELOPMENT: Adit, caved and boarded up, peripheral working,

ACTIVITY AT TIME OF EXAMINATION: Area currently being drilled on either side of canyon leading up to mine, older workings obliterated by new roads put in.

GEOLOGY: Workings follow fissure filling quartz vein parallel to bedding plane between Shale and limestone in Cambrian Chisholm shale (excellent trilobite collection site). Shales yellow and argillaceous to greyish-red, well indurated. Workings enter through alluvium with limestone beds outcropping on either side of adit. Ore consists of crystalline pods blebs and stringers of argentiferous galena, sphalerite, along with secondary minerals consisting of (anglesite?), cerrusite, and malachite, carried by the euhedral quartz vein stained with hematite and MnO₂. Sulfides occur as both fresh and oxidized. The quartz vein is sheared and crushed by later movement of host rock.

REMARKS: Sample site 1433.

REFERENCES: USGS PP 171, 496, NBMG Bulletin 73.

EXAMINER: Smith/Bentz

DATE VISITED: 8/25/83