

3640 0030

PROPERTY NAME: Alps Mine

OTHER NAMES: _____

MINERAL COMMODITY(IES): Pb, Zn, Au, AgTYPE OF DEPOSIT: VeinACCESSIBILITY: Workings adjacent to U.S. Highway 93OWNERSHIP: UnknownPRODUCTION: est. more than \$1 millionHISTORY: Oldest mine in Pioche, intermittent production since before 1870.County: Lincoln (179) Item 30Mining District: PiocheAMS Sheet: CalienteQuad Sheet: Pioche 7½'Sec. 26, T 1N, R 67E

Coordinate (UTM):

North 4 1 9 9 9 0 0 mEast 0 7 2 5 7 0 0 mZone +11DEVELOPMENT: Over 4 shafts, many surface cuts, trenches, small open pit, shafts caved.ACTIVITY AT TIME OF EXAMINATION: None, but tailings milled recently, one shaft being used as land fill.

GEOLOGY: Workings follow N30W range front fault with variable bedding dipping SW up to 40° in Cambrian Prospect Mountain quartzite. White-grey, banded, quartzite is highly brecciated, and cemented by silica stained with Fe-Mn oxides. Phyllitic shale observed on dump, along with abundant gossan. Galena occurs as clots & stringers in quartz vein, quartz vein cutting white quartzite along with minor pyrite. Copper oxides and crystalline jarosite along with mustard yellow oxides (SbOx?) coats fractures and breccia. Yuba dike extends to general vicinity of mine where it has been intersected at depth.

REMARKS: Sample Site 1419REFERENCES: USGS PP 171, (Very good write up on sub-surface geology in USGS PP 171) USGS MF Map 136.EXAMINER: Smith/BentzDATE VISITED: 8/22/83