

5050 0010

PROPERTY NAME: Lucky? Prospect

OTHER NAMES: _____

MINERAL COMMODITY(IES): 7 VeinTYPE OF DEPOSIT: Cu, Pb, Ag?

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

County: Lincoln

Item 11

Mining District: ViolaAMS Sheet: CalienteQuad Sheet: Garden Spring 7½'Sec. 10?, T 8S, R 68E

Coordinate (UTM):

North 4 1 2 6 4 1 0 mEast 0 7 3 2 9 8 0 mZone +11DEVELOPMENT: Two shafts incline to SW along veinACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Shafts are inclined to SW along N45W, 55-65° SW quartz vein about 6-10' in width. Vein is fractured & Cu-stained. Country rock enclosing vein is a light brown (weathered) to light grey, granular limestone cut by calcite veins. Part of the unit is laminated & silty, with a platy fracture pattern. According to county geologic map, the area consists of a faulted section of generally NW-striking, NE-dipping Permian & Triassic carbonate & clastic rocks. Mineralization in the area is hosted by the Kaibab Limestone. The sediments are overlain by Tertiary volcanics.

Quartz vein on the dump is white in color & massive to sugary in texture. The vein carries clots & crystals of galena, tetrahedrite, bornite & chalcopryrite & minor pyrite. Malachite, chrysocolla & yellow-green oxides coat fracture surfaces. FeOxs are present but not in abundance.

REMARKS: Sample 1738REFERENCES: NBMG Bull. 73EXAMINER: Bentz/SmithDATE VISITED: 9/21/83