

2190 0055

(30) Item

54

PROPERTY NAME: Columbia Mine

OTHER NAMES: _____

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

TYPE OF DEPOSIT: Replacement

ACCESSIBILITY: See map, just off main highway

OWNERSHIP: Unknown

PRODUCTION: 1906-1954: 653,043 LBCu, 6481 oz Ag, 30,007

HISTORY: 1b Zn 54 oz Au, 919 lb cobalt oxide shipped in 1921

County: Clark

Mining District: Goodsprings

AMS Sheet: Kingman

Quad Sheet: Goodsprings 15'

Sec. 33, T 24S, R 58E

Coordinate (UTM):

North	3 9 6 4 9 5 0 m
East	0 6 3 7 7 5 0 m
Zone	+11

DEVELOPMENT: vertical shaft and adit which has been trenched, stoped, and generally destroyed by recent surface and subsurface exploration. Dump appears to have been removed possibly to be milled for residual minerals.

ACTIVITY AT TIME OF EXAMINATION: None, but fresh footprints indicate sampling (lots of rock chips around)

GEOLOGY: Workings are located in the Upper Devonian Sultan Limestone. According to Longwell, et al, the ore bodies are in the dolomitized zones above a granite porphyry near the middle of the Sultan Limestone. Chalcopyrite, chalcocite, and tenorite compose the ore above the sill. Some heterogenite occurs along the fractures. Field inspection indicated the Sultan LS is a massive to bedded unit with pods and beds of crystalline calcite, abundantly FeOx stained, dipping SW at the mine site. The area is argillically altered with abundant CU staining along the workings. (malachite, some smithsonite chalcocite, Fe and Cu sulfides occur in the crystalline calcite.. Bedding plane faults occur between the units, with gossany altered zones.

Sample Site 1359

REMARKS: _____

REFERENCES: NBMG Bulletin 62EXAMINER: SmithDATE VISITED: December 6, 1982