2190 0056

(30) Item 55

PROPERTY NAME: Copper Hill Claims

OTHER NAMES:

MINERAL COMMODITY(IES): Cu

TYPE OF DEPOSIT:

ACCESSIBILITY: See map, hike last 1/4 mile, steep climb

OWNERSHIP: Tom Parson

PRODUCTION: Small to none

HISTORY: Originally staked by Parson in 1974, claim still valid

County: Clark

Mining District: Goodsprings

AMS Sheet: Kingman

Quad Sheet: Roach Lake 15'

Sec. 36, T 18S, R 58E
Sec. 31, T 18S, R 59E

Coordinate (UTM):

North 3945150 m

East 0643450 m

Zone +11

DEVELOPMENT: None

ACTIVITY AT TIME OF EXAMINATION: None, however, new blasting caps which had been recently used were found on the hike up

GEOLOGY: Workings are 3 shallow and partially caved adits following an east dipping, N-S striking, arcuate bedding plane fault. The fault gradually curves west as it trends south. At the workings, the fault gouge zone ranges from inches to over 5 feet wide. The fault separates the Goodsprings Dolomite (€ to Devonian) and the Sultan Limestone (Devonian). The workings are in calcareous dolomite (probably Goodsprings Fm) with sparry calcite pods and stringers. Below the workings the rocks are cut with iron stained, fractured silica and are locally silicified. The fault zone is highly FeOx stained, argillically altered, with massive and crystalline malachite and azurite coating the surfaces. The fault zone is very gossany and coated with caliche on the surface. The gouge material is very dense and heavy, relative to the carbonates; silicification. Interspersed in the malachite and azurite were crystals of bronchantite. Jarosite crystals coated fracture surfaces. The workings follow the fault surface to an unknown depth, but judging from the size of the dump, probably not more than 100 feet.

REMARKS: Sample Site 1141

REFERENCES: NBMG Bulletin 62, USGS PP 162

EXAMINER: Smith

DATE VISITED: February 8, 1983