

2020 0022

PROPERTY NAME: July 4 claim
 OTHER NAMES: _____
 MINERAL COMMODITY(IES): Cu, ?
 TYPE OF DEPOSIT: quartz vein
 ACCESSIBILITY: _____
 OWNERSHIP: Frank Chadusiel?, Odessa, TX (1983)
 PRODUCTION: None.
 HISTORY: _____

County: Humboldt ⁽²⁸⁾ Ham 22
 Mining District: Colconda?
 AMS Sheet: Winnemucca
 Quad Sheet: Colconda 7 1/2'
 SW/4 NE/4 ~~Roll Creek 7 1/2~~
 Sec. 26, T 36N, R 40E
 Coordinate (UTM):
 North 4 5 3 5 1 0 0 m
 East 0 4 6 3 4 0 0 m
 Zone +11

DEVELOPMENT: Four bulldozer cuts, one prospect pit.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Copper, iron and manganese-oxide minerals occur in milky quartz vein matter that apparently occurs along a N20E, 70SE fault?. A small (2 x 3m) outcrop of somewhat altered granodiorite porphyry occurs in one trench, but the main wallrock is gray phyllite within a predominantly quartzitic Osgood Mountain Quartzite (Cambrian). The biotite and hornblende are altered to sericite or chlorite in the porphyry; feldspars probably are altered to clay minerals. A 50cm wide highly hematitic zone in the phyllite occurs along strike away from the pit with the vein quartz. Remnants of chalcopyrite and pyrite are present in the quartz; malachite, wad, limonite, dark oxide copper minerals?, and a yellow-green, unidentified oxide (arsenate?) mineral occur in vein quartz matter. The width of the vein cannot be determined but it does not extend more than a few meters horizontally, and is probably spotty in the main area of exposure.

REMARKS: Sample 489 is select quartz vein matter from the dump of the prospect pit plus some hematitic phyllite.

REFERENCES: _____

EXAMINER: L.J. Garside

DATE VISITED: 19 Jun 84