

2870 0024

PROPERTY NAME: Sample Site 1378  
OTHER NAMES: \_\_\_\_\_  
MINERAL COMMODITY(IES): Cu  
TYPE OF DEPOSIT: Secondary alteration  
ACCESSIBILITY: See map, access road better than it looks  
OWNERSHIP: Unknown  
PRODUCTION: probably small  
HISTORY: Unknown

(96)

County: Esmeralda Item 32  
Mining District: Lon<sup>e</sup> Mountain  
AMS Sheet: Goldfield  
Quad Sheet: Paymaster Canyon 7 1/2'  
Sec. 1, T 1N, R 40E  
Coordinate (UTM):  
North 4 2 0 1 8 5 0 m  
East 0 4 6 2 4 0 0 m  
Zone +11

DEVELOPMENT: Series of shafts, adits, surface cuts, shacks, ore chute

ACTIVITY AT TIME OF EXAMINATION: None, but area has been explored recently (within 5 years)

GEOLOGY: Site is series of shafts, adits, trenches and surface workings (most of which are death traps) following an E-W striking, South dipping, shallow angle fault zone more than 30 feet wide. Host rocks are interbedded carbonate and silicious sediments metamorphosed in place to marble, phyllite, fine grained schist, and epidote rich tuffite. Coating the fault gouge and interbeds is mammillary chrysocolla, chalcocite, malachite, and other copper alteration minerals. (maybe even some turquoise?). Dendritic pyrolusite abundant. Oxidized pyrite observed in shales. Much of bedding destroyed. North of workings, intrusive of diorite to andesite composition observed, (Tertiary-Jurassic). (that's what it's mapped as, I observed an altered, somewhat silicious intrusive). Relations suggest that intrusive domed sediments resulting in altered bedding fault parallel to beds.

REMARKS: Sample Site 1378

REFERENCES: \_\_\_\_\_

EXAMINER: Smith

DATE VISITED: May 13, 1988 83