

1580 0007

PROPERTY NAME: Steptoe Drill Road

OTHER NAMES: _____

MINERAL COMMODITY(IES): CuTYPE OF DEPOSIT: Shear in quartzite

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

County: White PineMining District: Duck CreekAMS Sheet: ElyQuad Sheet: East Ely 7 1/2'Sec. 28, T 17N, R 64E

Coordinate (UTM):

North 4 3 5 3 3 2 5 mEast 0 6 9 2 0 1 7 5 mZone +11

DEVELOPMENT: Drill road with 5 drill holes. On SE side of road is 1 narrow inclined shaft & 1 N80E adit which parallels a shear zone. Along strike of shear & to E are another adit, prospect & 30'-40' deep shaft.

ACTIVITY AT TIME OF EXAMINATION: None recently, drill roads are old. Notice on drill hole reads Steptoe # 79-1, 8/16/79, 165' T.D.

GEOLOGY: Drill roads are in quartzite breccia. The shear zone is well exposed in adit & is oriented N80E, 68 NW. The width of the zone is $3\frac{1}{2}'$. Cu-staining can be seen on quartzites so. of shear. The zone is brecciated with abundant limonite staining calcite veins & Fe-rich pods.

The host rock for the deposit is a white quartzite the rock type on the dump & within shear zone is a brecciated white quartzite cemented by orange-red veinlets of Fe-Ox. When breccia the rock contains much oxid sulfides (gossany) in fractures.

An old camp & more workings are located below drill roads. Adits below drift into the structure at depth.

REMARKS: Sample 900 - Fe veined quartzite breccia. Possible sulfides, now gossan. FeOx veining cross-cuts quartzite breccia frags.

Photo

REFERENCES: _____

EXAMINER: Bentz/SmithDATE VISITED: 7/25/81