

PROPERTY NAME: Success Mine

1580 0004

OTHER NAMES: _____

MINERAL COMMODITY(IES): Pb, Ag?, Au?TYPE OF DEPOSIT: Bedded, replacement along shear(s)

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

County: White Pine

326

Mining District: Duck Creek

Jan 4

AMS Sheet: ElyQuad Sheet: Cleve Creek Baldy

7 1/2

Sec. 8, T 16N, R 65E

Coordinate (UTM):

North 4 3 4 8 7 0 0 mEast 0 6 9 9 0 6 0 m

Zone _____

DEVELOPMENT: Several large dumps near partially caved, inclined stope with open type shaft. Also several vertical shafts now filled in with debris 100' upslope & to SE of main working. Remains of foundation & some buildings nearby.

ACTIVITY AT TIME OF EXAMINATION: _____

None.

GEOLOGY: Main shaft & stope explore a N35-40E SE bedding plane shear zone marked by a highly oxidized replaced horizon in ls. The replaced horizon parallels the bedding & is rather extensive. Stope dips to E & explores shear at depth as indicated by large dumps of brecciation & gossan, etc on property. The shear zone is characterized by Fe-staining & abundant gossan, with brecciated lenses & large boulders caught up within the zone.

The host rock for the deposit is a medium bedded (>1'), grey, crystalline ls with calcite veins & some FeOxs. The bedding orientation as measured in outcrop just So. of main working is N45E, 40 SE.

A number of minor NE striking faults cut the replaced horizon at hi 4's'. They may be responsible for enriching the mineralized horizon, or in fact, may have been the average for the fluids which replaced the original rock.

Most of the rock on the dump is highly silic, orange-brown ls with abundant Fe & silic coatings. Rock is so silicified it shatters when broken with hammer. Lots of gossan within shaft (exposed outcrop) & on dumps. Some rock is silicified ls breccia with small frags of silicified ls.

Above main working to SE we find caved in shafts (prospects?) in shaley outcrops shale have same bedding orientation as ls measured below

REMARKS: Sample 705- Gossan & silicified with galena. Abundant FeOxs.

Photos.

REFERENCES: _____

EXAMINER: Bentz/SmithDATE VISITED: 9/27/81