

1580 0010

PROPERTY NAME: Ely Gibraltar?

OTHER NAMES: \_\_\_\_\_

MINERAL COMMODITY(IES): Cu?, Pb, Zn?TYPE OF DEPOSIT: Replaced ls along shear

ACCESSIBILITY: \_\_\_\_\_

OWNERSHIP: \_\_\_\_\_

PRODUCTION: \_\_\_\_\_

HISTORY: \_\_\_\_\_

County: White PineMining District: Duck CreekAMS Sheet: ElyQuad Sheet: Duck Creek Valley 7 1/2Sec. 14, T 18N, R 64E

Coordinate (UTM):

North 4136710510 mEast 069441010 mZone +11DEVELOPMENT: 3 Adits.

ACTIVITY AT TIME OF EXAMINATION: The road has been recently graded up to 2nd adit level within last few years. Indication from notice at uppermost adit is that drilling (explor) will begin shortly. Electricity has been brought into canyon up to 2nd adit level.

GEOLOGY: \_\_\_\_\_

Sample 701 was taken from partially caved, S50E adit. The portal is in ls alluvium but must hit bedrock since dump rock consists mostly of bluish-grey, recrystallized & slightly silicified ls with orange (Fe) calcite pods and stringers thruout replacement pods of galena are found in this rock type. Galena also occurs in ls brecciation on dump.

The dump above & to the E of sample location 701 had a location monument (PVC pipe) that read - " 7/10/81 Cat road to here & above monument to south so that compressor can operate here to drill & blast drill road & pads on bluffs above to drill down thru fault & mineralized zone."

The uppermost working consists of 1 10' long, south oriented adit and a 40-50' E oriented adit which is stoped to lower level. Both workings explore a relatively narrow (2'-3' wide), N-S striking, vertical to steeply E dipping, replaced shear zone in ls. The shear zone is markedly brecciated & the silty ls host rock is bleached near the fault. Slightly silicified & recrystallized ls with galena pods & silicified ls brecciation with pods calcite occur on dump.

Bedding of ls at lower dump is N40E, 40NW. Lower adit may intersect structure at depth. Altho rock on dump was barren of obvious mineralization. The presence of an E-W structure is suggested by orientation of adits - but was not observed in outcrop. Adit probably crosscut a series of replaced zones in ls.

REMARKS: Samples 701 - Replaced & recrystallized light tan ls with pods & lenses of galena, calcite filled vugs.

Photos.

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

EXAMINER: Bentz/SmithDATE VISITED: 7/26/81