

1580 0005

PROPERTY NAME: Workings 1/2 mi. East of Steptoe

OTHER NAMES: _____

MINERAL COMMODITY(IES): _____

TYPE OF DEPOSIT: _____

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

County: White Pine Wem 5 ⁽²²⁶⁾Mining District: Duck Creek (Steptoe)AMS Sheet: ElyQuad Sheet: Mc Gill 71/2'Sec. 22, T 18N, R 64E

Coordinate (UTM):

North 4 3 6 4 0 0 0 mEast 0 6 9 3 5 5 0 mZone +11DEVELOPMENT: Several adits, shafts & small prospects.ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Sample 703 collected from dump of N30E adit with large dump on south facing slope. A shear zone exposed at this adits portal strikes N15 - 30 E & is vertical. Shear is not well defined & can't be followed very far uphill along strike. Brecciation replacement of ls & large calcite pods mark shear cone.

E of sample location 703 are several small prospects & an inclined shaft. (shaft inclined to E). At shaft entrance is a calcite pod "boud in" which parallels the bedding & has replaced ls on both sides. The replaced zone is $\approx 3\frac{1}{2}' - 4'$ wide & strikes N55E, dips 65NW. Pods of galena are in place in replaced ls further to E of above shaft. The shear zone is probably a series of small parallel (bedding plane) shears. The lower workings (not on map) may intersect shears at depth.

Across the canyon to the south are more workings, labelled "shaft on map". There the beds dip - 55° W forming dip slopes in southern part of large box shaped canyon. A very white cliff forming Cambrian limestone forms ridgecrest to E. These workings not visited.

Numerous faults displace bedding of G ls & shales in canyon.

REMARKS: Sample 703 - Galena & hemimorphite & pyrite in replaced, breccia ls. Also CuOxs.

Photos

May be part of Mayflower group, which is located nearby in south side of canyon, but not certain.

REFERENCES: _____

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