

3770 0014

PROPERTY NAME: Sample locations 171 & 172

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

MINERAL COMMODITY(IES): Cu, Pb, Zn? W?TYPE OF DEPOSIT: Replacement-vein-gossan zones along bedding planes in carbonatesACCESSIBILITY: Must hikeOWNERSHIP: Claims are probably patented

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

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

County: Elko (72)Mining District: Railroad File 14AMS Sheet: WinnemuccaQuad Sheet: Carlin 15'Sec. 9, T 30N, R 53E

Coordinate (UTM):

North 4 4 8 3 7 5 0 mEast 0 5 8 3 1 7 5 mZone +11DEVELOPMENT: See BelowACTIVITY AT TIME OF EXAMINATION: None, not for a long time.

GEOLOGY: Traversed across massive limestones of Devils Gate Fm. & reached 4 prospects on north & south side of W-trending ridge. Prospects developed in more ledgy dolomites of the Nevada Fm. (see locations of samples)

The first prospect was not sampled. It is a small 6' long, N-S cut in carbonate outcrop. A small amount of silicified limestone breccia & toothspar was found in the cut.

The second prospect is a N30E trending adit which seems to follow a narrow fault or replacement zone developed in 2-3' wide beds of grey dolomite. The narrow replacement zone parallels the NE strike of the bedded carbonates. The zone is marked by punky hematitic & limonitic gossan & gossan cemented breccia. At the portal the zone dips steeply to the east but rolls to a vertical position inside the adit. Sample 171 is composed of silicified gossan & limestone with irregular pods & lenses of CuOxs, hemimorphite, cerussite & minor galena. Some calcite vein material was also included. In outcrop, calcite veins were developed along the bedding planes.

The third prospect is a 30' deep, NE-trending adit developed along a narrow SW-dipping (30°) skarn (fault) zone in limestone. No sample was taken as there was no obvious mineralization.

The fourth prospect is located on the ridgecrest. It consists of shallow prospects & trenches developed along a N20W, 45SW gossany faultzone/vein cutting silicified carbonates. The bedding of the carbonates is platy & also dips to the south-west. The carbonates are cut by gossany, limonitic, vuggy quartz veins with pods of CuOxs pyrite, chalcopryrite, galena & possibly sphalerite & arsenopyrite. (Sample 172). Sample shows unusual yellow & green oxides.

A small, intrusive dike outcrops west of prospect.

REMARKS: \_\_\_\_\_

Sample 171 - No scheelite observed when lamped  
172

Photos.

REFERENCES: USGS Map I-1028EXAMINER: Bentz/BrookDATE VISITED: 6/8/82