

3770 0023

PROPERTY NAME: Delmar Sylvania Mine*

OTHER NAMES: _____

MINERAL COMMODITY(IES): Cu, Zn?TYPE OF DEPOSIT: Replacement-vein, fault, fracture, intrusive contact

ACCESSIBILITY: _____

OWNERSHIP: Patented

PRODUCTION: _____

HISTORY: _____

County: ElkoMining District: RailroadAMS Sheet: WinnemuccaQuad Sheet: Carlin 15'Sec. 4, T 30N, R 53E

Coordinate (UTM):

North 4 4 8 5 3 5 0 mEast 0 5 8 3 5 5 0 mZone +11DEVELOPMENT: Sample location is S50W-trending caved adit. Several caved adits below this working. Numerous drill roads in the area.ACTIVITY AT TIME OF EXAMINATION: None, although in recent past the area has been the focus of exploratory drilling.

GEOLOGY: The host rock for this deposit is the Devonian Devils Gate Fm. The sampled adit lies just above a rhyolite porphyry dike. The rocks exposed near the portal are W-dipping, grey recrystallized limestones & white marbles. The marbles contain pods & lenses of honeycomb gossan & brown & white coarsely crystalline calcite. At the portal, the rocks are composed of a fractured, hydrothermally altered mixture of Fe & Mn Oxs, clays & silica. These minerals probably fill a NE-striking fracture or fault zone along which the adit was driven. In addition to abundant Fe & Mn oxides, this zone contains some CuOxs. The rocks in this area are overlain by bouldery alluvium.

Sample 1534 was collected from the dump. It consists of skarn & quartz-gangue vein material with irregular clots of pyrite, malachite & FeOxs after sulfides. Malachite & possibly sphalerite occurs on fracture surfaces. Fine siliceous veinlets & botryoidal masses of Mn & silica are common in some of the samples.

REMARKS: * This may not be exact location of this mine.

Lots of white tail deer running around in the aspens. Drilling has destroyed part of the Aspen grove.

Sample 1534Photos

REFERENCES: _____

EXAMINER: BentzDATE VISITED: 7/29/82