3770 0019

PROPERTY NAME: Standing Elk Mine

OTHER NAMES: Aladdin Group

MINERAL COMMODITY(IES): Cu, Zn, Pb, W, Ag?, F?

TYPE OF DEPOSIT: Replacement vein, intrusive contact

ACCESSIBILITY:

OWNERSHIP: Patented

PRODUCTION:

HISTORY:

County: Elko (74 Item 19)

Mining District: RAilroad

AMS Sheet: Winnemucca

Quad Sheet: Carlin 15'

Sec. 4, T 30N, R 53E

Coordinate (UTM):

North 4 4 8 5 3 5 0 m

East 0 5 8 3 9 0 0 m

Zone +11

DEVELOPMENT: Several adits* located at head of canyon. The adits visited are now caved. Sample site is caved SW-trending adit. Numerous drill roads lie above adits on north slope of Bunker Hill & cross the dumps of these workings.

ACTIVITY AT TIME OF EXAMINATION: None, but this area was the site of extensive exploratory drilling in the last few years(s).

GEOLOGY: Steep canyon is created by a high-angle fault which places Devils Gate limestones (on east) in contact with Nevada dolomites (on west). The adits are generally south or south-west trending & located along one of several of the faults mapped in this area. No structures were observed at the portals since much of the area is covered by bouldery alluvium. However, the NW-striking Bunker Hill dike probably underlies the alluvial cover & is responsible for the marbelization & silication observed in the surrounding sediments. The vein-like ore bodies occur at dike & fault intersections (see CRIB).

Sample 1533 was collected from an adit dump. The dump was crossed by a drill road but no holes were observed (the drilling was concentrated at higher elevations). The sample mostly consists of dense, dark to light green skarn with clots of galena, chalcopyrite, CuOxs, bornite, pyrite, scheelite & possibly sphalerite. The rocks are notable because the ore minerals often are concentrated along irregular veins or bands. Variable amounts of calcite & quartz occur as gangue minerals. Marble & calcite vein also are found on the dump.

*According to CRIB, there are several thousand feet of workings in these adits. The Davis Tunnel was the main lower access.

REMARKS: Sample 1533 - Fine veinlets & fracture coatings of scheelite occur on Fe-stained, dense, silicated sample.

Photo

REFERENCES: USGS Gull - 1162 - B

EXAMINER: Bentz

DATE VISITED: 7/29/82