

2270 0006

PROPERTY NAME: Old Bull Mine

OTHER NAMES:

MINERAL COMMODITY(IES): Pb, Zn, Ag

TYPE OF DEPOSIT: Vein

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

County: Humboldt

(130)  
Hem 6

Mining District: Harmony

AMS Sheet: Winnemucca

SE 1/4 SE 1/4 SE 1/4 Winnemucca 15'

Sec. 15, 22, T 35N, R 38E

Coordinate (UTM):

North

4 5 2 7 8 7 5 m

East

0 4 4 2 6 3 0 m

Zone

+11

DEVELOPMENT: Approximately 4 adits with small to moderate-sized dumps.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Willden(1964) reports that the workings are along a N65E, 80SE vein; this can not be observed at the surface today. Probably most of production was taken out through the lower adit, although there is practically no mineralized vein material on the dump. The wallrock for the vein(s) is phyllite, quartzite, and grit of the Harmony Formation (Cambrian). The wallrocks have a foliation of N20W, 55NE and are often cut by 1-5 cm white, barren? quartz veinlets which cut foliation at 90°. The only mineralized vein was observed in a small adit at the crest of the ridge. There, a 10-15 cm wide zone contains limonite, cerussite, sparse quartz, and remnants of galena. A dump sample from an adit just to the east contains a piece of reddish spalerite. Calcite veinlets are noted on dumps, but appear barren of ore minerals, although they are usually in pyritized wallrock. It appears that the dump sampled contains mainly oxidized vein matter as was first discovered; this vein has an attitude of N40E, 75SE. Possibly the deeper production was sulfide material.

REMARKS: Photo LG 842-14 is of the largest dump and adit near the road. Sample 2322 is of oxidized vein matter from the dumps of the upper adit and "prospect".

REFERENCES: Willden, Ronald (1964) Geology and Mineral Deposits of Humboldt County, Nevada: Nevada Bureau of Mines and Geology Bulletin 59, table 25

EXAMINER: L.J. Garside

DATE VISITED: 28 Jul 84