

1050 0009

PROPERTY NAME: Prunty Mine
OTHER NAMES: Graham
MINERAL COMMODITY(IES): Sb, Zn, Ag, Pb, Au?, Cu, Ba
TYPE OF DEPOSIT: Vein
ACCESSIBILITY: _____
OWNERSHIP: San Rafael Exploration Co., Louis Koncher, Lessee,
P.O. Box 101, Elko, NV 89801 (as of 1981)
PRODUCTION: _____
HISTORY: _____

County: Elko *Item 9 (47)*
Mining District: Charleston
AMS Sheet: Wells
Quad Sheet: Marys River Basin NW
7 1/2'
Sec. 13, T 44N, R 57E
Coordinate (UTM):
North 4 6 1 7 4 0 0 m
East 0 6 2 5 0 2 0 m
Zone +11

DEVELOPMENT: The Prunty Mine is located on the north side of a draw. It is less well developed than the Slattery Mine workings which consist of several adits. See below for description of Prunty Mine workings.

ACTIVITY AT TIME OF EXAMINATION: There was evidence for some recent underground activity in the mines. Mine is listed in 1981 NBMG Special Publication MI-1981 as active underground mine employing 3 persons. *Ag/Ag*

GEOLOGY: The main Prunty Mine working is an adit which bears N45W & has water running out of the portal. Another adit occurs at same elevation to north. Several other workings (not visited) occur above the main adit in the small draw. The orientation of the workings suggest that the vein is oriented in a N20-30W direction.

Adit (sample location 1097) appears to be located along contact of intrusive & slatey sedimentary rocks. A section of the sediments is exposed between sample locations 1097 & 1098. The sediments are hornfelsed & contain interveining segments of intrusive rock. Two types of intrusive rock were observed; (1) sulfide-bearing plagioclase-rich monzonite(?) cut by 1/2-1" wide quartz veins & (2) medium crystalline, dark-green gabbro(?) or diorite. *dikes*

Sample 1097 was derived from a pile of vein material in front of the main adit. The vein gangue is vitreous grey to milky white, massive quartz. The quartz carries coarse clots & lenses of pyrite, arsenopyrite, galena, chalcopyrite, sphalerite, stibnite, & possibly pyrrhotite. Sample 1098 is composed of quartz vein with fine-grained sulfides & some vein breccia. Part of the sample is composed of coarse calcite (& possibly barite) with coarse needles of stibnite. Some vein material is brecciated.

Some recent exploration work (road cuts, trenches) was noted in area 1/2 mile to south of these workings. According to Papke (person comm.), this development is for barite. According to NV Mins Inds. 1981, the 76 Creeek open pit barite mine is located in this area in sec. 24.

REMARKS: Samples 1097 & 1098

Photo

REFERENCES: The Nevada Mineral Industry, 1981, NBMG Spec. Pub. MI-1981, p. 33 Lawrence, Sb Deposits of Nevada, 1963, NBMG Bull. 61, p. 44.

EXAMINER: Bentz/Brooks/Smith

DATE VISITED: 9/14/82