2120 0033

PROPERTY NAME: Cumberland Mine

OTHER NAMES:

MINERAL COMMODITY(IES): Pb, Zn

TYPE OF DEPOSIT: Skarn

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

(12) Item 35

County: Humboldt

Mining District: Gold Run

AMS Sheet: Winnemucca

Quad Sheet: Adelaide 7 1/2'

NE¼ NW/4

Sec. 31, T 34N, R 40E

Coordinate (UTM):

North 4 5 1 4 5 8 0 m

East 0 4 5 6 2 0 0 m

Zone +11

DEVELOPMENT: Numerous adits and pits; a small open pit.

ACTIVITY AT TIME OF EXAMINATION: None. Exxon Corp. recently drilled on claims to the southeast about 1.2 km.

GEOLOGY: Pyrite, galena, and sphalerite occur as massive replacements of wallrock and in white, massive to drusy, white quartz. No obvious veins are noted; the quartz apparently occurs as pods. The wallrocks away from the mineralized zone are interbedded gray shale and limestone. In the open pit the rocks are hard, dense, silicified hornfels with a high sulfide mineral content. One piece of ore, included in sample 2355, is entirely solid galena and sphalerite. Pyrite occurs as streaks and irregular patches in dense, silica-rich rock. White quartz vein matter contains scattered galena and pyrrhotite? A dike of altered granodiorite? porphyry was noted in the portal of an adit about 400m north of the sampled open pit. No other igneous rocks were noted. Willden (1964) reports that the rocks in this area are Cambrian Preble Formation. The silicified and sulfide-rich rocks at this property resemble those at the Hillside or Adelaide Mines, except there are no obvious copper minerals here.

REMARKS: Photo LG 843-27 is of a dump, roads and an old building in the canyon. Sample 2355 is select sulfide-rich vein quartz and massive galena-sphalerite ore.

REFERENCES: Willen, 1964

EXAMINER: L.J. Garside

DATE VISITED: 30 Sep 84