

1180 0006

PROPERTY NAME: Log Cabin Mine

OTHER NAMES: \_\_\_\_\_

MINERAL COMMODITY(IES): Zn, Pb?, Ag?TYPE OF DEPOSIT: Replacement (bedding)

ACCESSIBILITY: \_\_\_\_\_

OWNERSHIP: \_\_\_\_\_

PRODUCTION: \_\_\_\_\_

HISTORY: \_\_\_\_\_

County: Lincoln <sup>166</sup> Itan 7Mining District: CometAMS Sheet: CalineteQuad Sheet: Highland Peak 7 1/2'Sec. 32, T 1N, R 66E

Coordinate (UTM):

North 411917410 mEast 0171101200 mZone 11

DEVELOPMENT: One caved inclined shaft trending N75W. Several old structures on property. Moderate dump but not as large as Pan American & Comet Mines. According to county report (NBMG Bull. 73), shaft is 800' deep.

ACTIVITY AT TIME OF EXAMINATION: Nerco doing assessment work in the area at the time of our examination.

GEOLOGY: Adit is inclined to east laong N-S striking, 15° E dipping Combined Metals Member of the Cambrian Pioche Shale. At caved portal the limestone is altered (or replaced) by gossany Fe & Mn oxes & silica. Two or three gossany beds averaging 2-4' each in width are exposed at portal. The replaced beds are dark grey to black & characterized by silicic Fe-Mn boxworks, pockets of earthy Fe-Mn oxes & vugs or cavities filled with vitreous (clear) quartz. Portions of the altered rock are very well silicified. The replaced beds are darker in color than the original host which is a dark grey, finely crystalline limestone & displays Girvanella Algal fossil casts. Muddy brown micaceous siltstones & shales overlie the limestones locally. These rocks show some Fe-Mn veining & bleaching affects.

Sample 1443 was collected from the dump & consists of black, siliceous Fe-Mn-rich replacement ore (gossan) which is quite heavy. The ore shows psilomelane on surfaces & contains finely crystalline galena, sphalerite & minor pyrite. Bright yellow oxides are present on some samples. The gossan contain vugs filled with late calcite & quartz & shows some boxwork structures.

REMARKS: Sample 1443.

REFERENCES: \_\_\_\_\_

EXAMINER: \_\_\_\_\_

DATE VISITED: \_\_\_\_\_