

1370 0012

PROPERTY NAME: Our Boys in Blue claims
 OTHER NAMES: 100' Shaft
 MINERAL COMMODITY(IES): Au?, Ag?
 TYPE OF DEPOSIT: Vein(shear?, replacement)

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

County: Lincoln Item 13Mining District: DelamarAMS Sheet: CalienteQuad Sheet: Pahroc Spring SESec. 14, T 5S, R 64E ^{7 1/2'}

Coordinate (UTM):

North 4 1 5 3 8 6 0 mEast 0 6 9 5 6 6 0 mZone +11DEVELOPMENT: One small shaft & one prospect. Prospect lies about 25' north of shaft.ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Shaft is sunk at south end of a prominent, resistant, silicified vein outcrop approximately 3' high 7' in outcrop length & 2-3' wide. The rib is composed of Fe & Mn-stained, silicified quartzite cut by a network of quartz veins. It is difficult to distinguish quartzite from quartz vein as quartzite is silicified & opalized & quartz vein is very finely crystalline, sugary to massive. The outcropping rib or "vein" strikes N55W, & is nearly vertical or steeply SW-dipping. Portions of the vein are brecciated & indicate emplacement along a fault. The host rock for the deposit is the upper portion of the Prospect Mtn. quartzite. Brown, marly, fetid & recrystallized limestone of the Highland Peak Fm?*are exposed in small prospect directly north of shaft. Vein crosscuts local strike of sedimentary bedding. The shaft is sunk on southern extension of vein outcrop.

Limonitic & Mn-rich gossan was sampled from the dump (1743). The gossan is heavy, siliceous, or earthy & contains some boxworks & opaline coatings. The vein outcrop was also sampled (1744). Pink, fine-grained quartzite contains numerous drusy, quartz-lined vugs & siliceous veinlets deposited within fractures with very fine-grained, oxidized pyrite. Rocks are coated by Feoxs. Copper is reported* but was not observed.

REMARKS: The rocks here are very similar to those seen at sample location 1741 & may be extension of same or similar structure cutting the PM quartzites.

The Cambrian sediments here are faulted against younger volcanic rocks to the east.

Sample 1743 - Gossan (dump)

1744 - Vein (outcrop)

REFERENCES: *NBMG Bull. 73 (including geologic map of Lincoln County).EXAMINER: Bentz/SmithDATE VISITED: 9/22/83