

3300 0017

PROPERTY NAME: Sample Site 3946
OTHER NAMES: Short Day claim area
MINERAL COMMODITY(IES): Silver, molybdenum
TYPE OF DEPOSIT: Vein, contact (skarn)

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: UnknownHISTORY: Unknown

County: Churchill ⁽¹²⁾ Item 17
Mining District: La Plata
AMS Sheet: Reno
Quad Sheet: La Plata Canyon

Sec. 9, T 18N, R 33E

Coordinate (UTM):

North 4 3 6 6 1 0 0 m
East 0 3 8 9 7 4 0 m
Zone +11

DEVELOPMENT: Open cuts along roadsACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: A skarn zone is exposed along the northern margin of a granitic stock where thin-bedded limestones and quartzites are in contact with the granites. Garnet skarn lenses have formed in larger masses of calc-silicate rock. The garnet skarn contains garnet, diopside, quartz and hematite-after-pyrite. Clots of calcite cut perpendicular to the bedding. The calc-silicate rocks form a shallow pendant underlain by granite at no more than 100 feet below outcrop. Sample 3946 was taken from skarn exposed in the road cut and contained quartz, hematite-after-pyrite and a trace of scheelite. The sample assayed 5000 ppm manganese, 200 ppm chromium, 30 ppm tin, and 500 ppm zinc.

REMARKS: This area is within claims formerly held and explored by Freeport Exploration and later Phelps Dodge Corporation, activity consisted of road building, geochemical sampling, and some rotary drilling.

REFERENCES: Phelps Dodge Corp. dataEXAMINER: Jack Quade/Joe TingleyDATE VISITED: 10/9/86