

PROPERTY NAME: Sample location 1523 1280 0027
OTHER NAMES: (Near) Emma E, Benjamin Harrison & Mill Canyon Mines
MINERAL COMMODITY(IES): Au? Ag?
TYPE OF DEPOSIT: Contact
ACCESSIBILITY: _____
OWNERSHIP: _____
PRODUCTION: _____
HISTORY: _____

County: Eureka Item 25 (102)
Mining District: Cortez (Mill Canyon)
AMS Sheet: Winnemucca
Quad Sheet: Cortez 15'
Sec. Unsurv., T 27N, R 48E
Coordinate (UTM):
North 4 4 4 7 1 5 0 m
East 0 5 3 6 8 5 0 m
Zone +11

DEVELOPMENT: One E-W striking adit intercepted(?) by inclined shaft above.

ACTIVITY AT TIME OF EXAMINATION: Most recent indication of activity is that the dump showed signs of sampling within recent past.

GEOLOGY: Adit explores dark-grey, carbonaceous sediments in lower plate of Roberts Mtn. Thrust. The geologic map in USGS Bull. 1175 has mapped this unit as Wenban limestone. However, at this locality the rock is silicated as a result of its contact with a fine-grained, quartz-rich alaskite dike & quartz monzonite intrusive.

The bedding of the Wenban sediments at this location strikes E-W & dips 30N (NW). No other structure was observed. Most of the dump consist of argillized (?), light grey, quartz eye porphyry (alaskite dike) which is cut by calcite veinlets & contains fine-grained crystals of pyrite disseminated throughout matrix. Other dump rocks consist of carbonaceous siltstone & shales, but these were not sampled. The mine is located on the NW trending contact between the two rock types (dike + sediments).

REMARKS: Sample 1523 - Qtz porphyry with pyrite

Photos.

REFERENCES: USGS Bull. 1175

EXAMINER: Bentz/Brooks/Smith

DATE VISITED: 7/12/82