

3060 0009
PROPERTY NAME: Sample location 182
OTHER NAMES: LAI claims, (part of) Monarch Mine?
MINERAL COMMODITY(IES): Pb, Cu, Ag?, Au?
TYPE OF DEPOSIT: Replacement along bedding, thrust? fault
ACCESSIBILITY: _____

OWNERSHIP: Nammco out of Casper, Wyo. ^{recently} acquired claims from Freeport Expl. Co.

PRODUCTION: _____

HISTORY: _____

County: Elko ⁷⁰ Item 9
Mining District: Merrimac
AMS Sheet: Wells
Quad Sheet: Reed Station 7 1/2'
Sec. 35, T 38N, R 53E

Coordinate (UTM):

North 4 5 5 5 2 2 0 m

East 0 5 8 5 2 1 0 m

Zone +11

DEVELOPMENT: Several old trench-like prospects in the area & drill roads, ranging from about 3 to 10 years old. Sampled working is NE-trending inclined shaft, about 40-50' deep.

ACTIVITY AT TIME OF EXAMINATION: Nammco geologists in area sampling & mapping claims acquired from Freeport

GEOLOGY: Shaft is inclined along bedding, & possible bedding plane fault, of black siliceous shales & cherty shales. Bedding exposed at mouth of shaft strikes N40W & dips 40 NE. The beds are about 1-3' thick & at mouth of shaft are offset by a minor, steeply inclined, N35W fault.

The bedding horizon explored by the shaft is notably Fe-stained, gossany & contains abundant secondary calcite. The alteration indicates the presence of a bedding plane fault. The rock on the dump consists of carbonaceous shales with calcareous coatings, pyritized limestone & shale & gossan. Sample 182 was collected from the dump. It is composed of gossany limestone with replacement pods of galena. ($\approx 1/4$ " across). The rims of the galena pods are altered to anglesite & limonite. An unusual yellow oxide coats the rocks along bedding about 20' within shaft. (^{antimony?} arsenate?) Also some minor copper mineralization observed.

GSA geologic map shows prospects in thrust zone between siliceous sediments & limestones. Bedding plane fault observed in sampled shaft may actually be oxidized & replaced thrust fault shown on map, Although 40° dip is rather steep for a thrust.

REMARKS: _____

Sample 182

Photo

REFERENCES: GSA Bull., V.70, no. 5, May 1959, p. 539-564.

EXAMINER: Bentz/Smith

DATE VISITED: 6/30/82