

1480 0001
PROPERTY NAME: Sample location 1590
OTHER NAMES: _____
MINERAL COMMODITY(IES): ?
TYPE OF DEPOSIT: Fe-stained volcanic & intrusive (?) rock.
ACCESSIBILITY: _____
OWNERSHIP: _____
PRODUCTION: _____
HISTORY: _____

County: Elko *Nevada 375*
Mining District: Divide
AMS Sheet: McDermitt
Quad Sheet: Mt. Blitzen 15'
Sec. 21, T 40N, R 50E
Coordinate (UTM):
North 4 5 7 6 1 0 0 m
East 0 5 5 6 2 5 0 m
Zone +11

DEVELOPMENT: A few scattered trenches in area, 5-10 years old. Sampled trench is N-S oriented.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: The rubble observed in sampled trench consists of two rock types. One is a medium-grained andesite with coarse white plagioclase phenocrysts. The rock is altered to clay & chlorite (propylitized). The other rock type is a lithic-rich or fragmental andesite. The fragments are dark grey, fine-grained siliceous sediments. The matrix is brown, clay altered, flow laminated & contains very few, scattered clots of pyrite or hematite after pyrite.

The shallow exploration work in this area probably focuses on those areas with a small surface show of Fe (or pyrite). Resistant ridges in the area are capped by fractured, greenish adesite.

Coarse-grained andesite may be intrusive in origin. According to the preliminary geologic map by Hope & Coats, the Mt. Neva pluton outcrops in this area.

REMARKS:
Sample 1590

Photo.

REFERENCES: Hope & Coats, 1976, USGS OF Map 76-779.

EXAMINER: Bentz/Brooks/Smith

DATE VISITED: 8/17/82