

PROPERTY NAME: Garamendi Mine
OTHER NAMES: Garamendi claims
MINERAL COMMODITY(IES): Ag, sulfides, Au?
TYPE OF DEPOSIT: Replacement, vein

1150 0005

ACCESSIBILITY: _____

OWNERSHIP: Garmendi claims = Texasgulf Western Inc.,
5934 McIntyre St., Golden, Co. 80401, located July 9, 1980

PRODUCTION: _____

HISTORY: _____

County: Elko
Mining District: Coal Mine
AMS Sheet: Wells
Quad Sheet: Coal Mine Basin 7 1/2'
Sec. 18, T 38N, R 56E

Coordinate (UTM):

North 4 5 5 9 0 8 0 m
East 0 6 0 8 3 6 0 m
Zone +11

DEVELOPMENT: Old workings at sample site consist of two shafts less than 30' deep & an open cut about 100' long & 25' wide. A few shallow prospects & 1 adit surround main workings. New development in the area consists of drill roads which extend from Garamendi Mine to N-NE along western range front.

(ACTIVITY AT TIME OF EXAMINATION) Texas Gulf geophysicists were on property at the time of our exam, but they were quite unfriendly. Texas Gulf is actively exploring their claims in here & were planning to continue with their drilling program this summer.

GEOLOGY: The open cut provides the best exposure of the mineralized zone in this area. The rock within the cut consist of fine-grained quartzites interbedded with limey shales & limestones. The sediments are relatively flat- lying but are fractured, or disturbed by several E-W structures. The rocks in the cut are highly altered to gouge & gossan. The alteration appears to have occurred along bedding, but it is difficult to tell because the alteration is intense & pervasive. FeOxs & gossan are abundant along entire length of the cut. Cut orientation suggests a N-S fault structure also.

No unoxidized minerals were observed, but highly altered samples of gossany quartzite (179A) & oxidized gouge material (179B) were taken from inside the cut.

Below & to the west of the main Garamendi Mine, there is a NE trending adit. The dump of the adit is composed of dark limey shales. No mineralization or alteration was observed, so the working was not sampled.

According to USGS MF-528 the Garamendi Mine lies in the upper plate of an E-W thrust between siliceous Ordovician sediments (upper plate) & clastics of the Mississippian Chainman Shale (lower plate).

Jagged "jasperoid" outcrops occur on ^{the} ridge above & south of the workings. The jasperoid marks the thrust plate boundary.

REMARKS: The geologic map for this area (USGS MF-528) is, in my opinion, up for reinterpretation

Sample 179 A & B

Photo.

REFERENCES: USGS MF - 528

EXAMINER: Bentz/Brooks

DATE VISITED: 6/10/82