

Mining District: GUANOMI (FOSTER'S CAMP) MINE
(Molybdenum, Copper)

T. 23 N., R. 22 E.
Washoe County, Nevada
USGS Nixon 15-min. quadrangle

GENERAL BACKGROUND

The Guanomi Mine is located in the SW $\frac{1}{4}$ of section 24, T. 23 N., R. 22 E. on the southwest shore of Pyramid Lake within the Indian Reservation. The history of the area indicates that it was originally located as a gold and silver prospect in the 1920's and later, in the 1930's, explored as a copper-molybdenum prospect. The property was not examined and apparently there has been no production.

GEOLOGICAL AND TECHNICAL DATA

The oldest rocks in the vicinity of the Guanomi Mine are Tertiary ash-flow tuffs of the Hartford Hills Rhyolite. Intruded into the Hartford Hills Rhyolite is a quartz monzonite stock of Tertiary age. The Guanomi Mine is located in a small exposure of this stock, and is separated from the main body to the southwest by overlying lacustrine beach deposits of ancient Lake Lahontan.

At the Guanomi Mine the quartz monzonite stock has been highly altered and consists of quartz, sericite, and sulfide minerals. Alteration in the main body of the stock consists of propylitization in the interior portion to quartz-sericite alteration along the outer margins. The ash-flow tuffs adjacent to the stock have also undergone propylitization and quartz-sericite alteration.

In the Guanomi Mine primary sulfide mineralization reportedly occurs as disseminations and veinlets of pyrite and minor molybdenite in the host intrusive. The molybdenite is primarily confined to quartz veinlets along fracture surfaces. The main intrusive body exhibits abundant iron oxide staining, indicative of the former presence of pyrite. No primary sulfides are present on the surface, but presumably would be found at depth, below the zone of oxidation (1).

POTENTIAL FOR DEVELOPMENT

A good potential exists in this area for the development of this showing into molybdenum or molybdenum-copper ore deposit. Although the deposit is mostly on Indian lands, a portion may lie within this unit.

Older workings at the property consist of a shaft and an adit with about 400 feet of underground drifts. Future mining operations, if any, would probably be a very large open pit.

Bennett, Jan. 1973

COMPANIES AND CLAIMANTS ACTIVE IN AREA

Unknown.

SELECTED REFERENCES

1. Bonham and Papke: Geology and Mineral Resources of Washoe and Storey Counties, Nevada; Nev. Bur. Mines Bull. 70, 1969.
(Includes Geologic Map of Resource Area)
2. Schilling: An Inventory of Molybdenum Occurrences in Nevada; Nev. Bur. Mines Rpt. 2, 1962.

FIELD EXAMINATION

Not examined.

Bennett, Jan. 1973

Taken from:

Mineral Resources Inventory and Analysis
of the
Pyramid Resource Area

Carson City District
Nevada and California

by
R. E. Bennett and H. W. Mallery
1973

*see Washoe County-general
file for the complete
introduction to this report
Item 50*

