

08300076

PROPERTY NAME: Mud Springs Mine and adjacent Prospects

OTHER NAMES:

MINERAL COMMODITY(IES): Ag, Pb, Cu, Au, minor sulfides

TYPE OF DEPOSIT: Quartz veins

ACCESSIBILITY: Approximately 5½ miles west of highway #21 via a dirt road along the drainage of Mud Springs Gulch.

OWNERSHIP:

PRODUCTION: Some gold production from placers along the drainage

HISTORY: from Mud Springs.

County:

Lander

Mining District:

Bullion

AMS Sheet:

Winnemucca

Quad Sheet:

Crescent Valley 15'

Sec. 13 & 18, T 29N, R 46 ÷ 47E

Coordinate (UTM):

North

4 4 7 0 8 7 0 m

East

0 5 2 2 1 0 0 m

Zone

11

DEVELOPMENT:

ACTIVITY AT TIME OF EXAMINATION: Most of the activity in the area relates to barite operations of which there are at least three in operation.

GEOLOGY: Locally the Slaven Chert of the Devonian and the cherts and shales of the Valmei Formation have been intruded by Tertiary granites. Quartz veins fill fractures, faults and joints which have been actively explored. At least four shallow shafts and several adits have been directed at the above mentioned targets, without much apparent success. Two different prospects were selected as being typical of the area both on the eastside of Granite Mt. Sample #674 was taken from the southern prospect which was an inclined shaft that was sunk on a quartz vein that was exposed at the surface. From the dump it was evident that the mine produced some sulfide mineralization.

Photo 25.

The northern prospect in section 13 was sampled from the dump which suggest a multiple intrusion into granodiorite of quartz, a darker phase diorite and dark dike materials. The veins were carrying Pyrite, Copper sulfides, Arsenopyrite and possibly silver. Photo 24 is the northern prospect with Mud Springs in the background.

REMARKS:

REFERENCES:

EXAMINER: Jack Quade/Jo Bentz

DATE VISITED: May 12, 1982