

0070 0007
PROPERTY NAME: Hot Springs Point

OTHER NAMES: Bob claims

MINERAL COMMODITY(IES): S, Hg, Au?

TYPE OF DEPOSIT: Hydrothermal, fault

ACCESSIBILITY:

OWNERSHIP: Homestake

PRODUCTION:

HISTORY:

County: Eureka

Mining District: Beowawe

AMS Sheet: Winnemucca

Quad Sheet: Crescent Valley 15'

Sec. 11, T 29N, R 48E

Coordinate (UTM):

North 4 4 7 2 1 5 0 m

East 0 5 4 1 1 0 0 m

Zone +11

DEVELOPMENT: Adits shown on map are site of large open cuts probably made within last few years. Above cuts are several drill roads. Drill roads & cut extend north from point along east & west side of Dry Hills. *Hot Springs*

ACTIVITY AT TIME OF EXAMINATION: None now, but property has been extensively drilled & explored last winter & summer.

GEOLOGY: The southern portion of the Dry Hills is mainly composed of intermediate volcanic rocks (NBMG Map 50), but the extreme southern tip which is trenched & drilled consists of Ordovician Valmy Fm & altered Tertiary Andesite or basalt.

At sample location 399, there are several deep trenches which explore intensely hydrothermally altered andesites(?). The original rock is completely altered to a punky, bleached & oxidized combination of silica, clays, Feoxs & sulfur. The working lies along the trace of a range front fault. This type of alteration is a testimony to the fact that this was once a site of a venting hot spring. ^{Also} several active hot spring are located along the western margin of the Dry Hills north of the sample locations.

Above the trenches are several drill roads developed in brecciated & silicified cherts, shales & quartzites of the Valmy Fm. Rubbly outcrops of "jasperoid" occur above the sampled drill road. The "jasperoid" is mostly massive, but some occurrences are quite brecciated & vuggy in texture.

The drill roads are approximately one year old or less. Bagged cuttings still lie near the holes. Sample 175 consists of fine-grained quartzite or chert cuttings with unoxidized pyrite on fracture surfaces & disseminated throughout rock.

Within the Dry Hills north of the sample location are several minor, old trenches & dozer cuts. No recent exploration activity was noted in these areas.

REMARKS: The greatest depth marked on bagged cuttings is 185.

Samples 399 - Hydrothermally altered volcanic (see Quad/Bentz visit, May 1982)
175 - Pyritized drill cuttings

Photos

REFERENCES: NBMG Map 50

EXAMINER: Bentz/Brooks

DATE VISITED: 6/8/82