

2420 0023
PROPERTY NAME: Birds Eye Prospect

OTHER NAMES:

MINERAL COMMODITY(IES): Sb, Ba

TYPE OF DEPOSIT: Jasperoid breccia, vein, replacement

ACCESSIBILITY:

OWNERSHIP: Freeport Au Co.

PRODUCTION:

HISTORY:

County: Elko

Mining District: Burns Basin (Jerritt)

AMS Sheet: McDermitt Canyon

Quad Sheet: California Mtn. 7 1/2'

Sec. 11, T 40N, R 53E

Coordinate (UTM):

North 4 5 8 1 1 0 0 m

East 0 5 8 5 4 6 0 m

Zone +11

DEVELOPMENT: One small prospect pit in outcropping jasperoid as shown on map. Numerous drill roads above & below prospect & in surrounding ridgcrest areas.

ACTIVITY AT TIME OF EXAMINATION: None although area is recently drilled & active drilling continues in the hills surrounding the property within Freeports large claim block.

GEOLOGY: The prospect is located on a small outcrop of dark grey jasperoid. The outcrop is generally thinnly bedded (beds range from 1" to 1' in width). The bedding strikes E-W & dips 21° N. The host rock may be Roberts Mountain Fm.

The outcrop is not brecciated but is cut by quartz veinlets. Most of the veinlets occur along bedding planes but some are more irregular in shape & cross-cut at a high angle to the bedding. Unoxidized & oxidized stibnite is abundant in the jasperoid & much of the Sb occurs as bladed crystals & groups of bladed crystals within the thin, white siliceous veinlets. Drusy quartz & stibnite also coat open-spaced fracture surfaces. FeOxs occur on bedding planes & slicks were noted on boulders of jasperoid near the pit.

Sample 1613 - Jasperoid with antimony sulfide (stibnite) & oxides.

Photo.

REMARKS:

REFERENCES: Lawrence, 1963, NBM Bull. 61, pg. 46.

EXAMINER: Bentz/Brooks

DATE VISITED: 8/13/82