

0750 0007

PROPERTY NAME: Sample location 1553

OTHER NAMES: Unnamed Prospect #2

MINERAL COMMODITY(IES): Hg?, Ba?

TYPE OF DEPOSIT: ? , Fault? , Opalite vein.

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

County: Eureka

Mining District: Buckhorn

AMS Sheet: Winnemucca

Quad Sheet: Horse Creek Valley 15'

Sec. 25? , T 27N , R 49E

Coordinate (UTM):

North 4 4 4 9 7 5 0 m

East 0 5 5 0 3 5 0 m

Zone +11

DEVELOPMENT: One dozer cut on west side of canyon with one drill hole in black shales & siliceous shales. Above cut are two prospects; a N45W caved adit & small trench in red oxidized soil.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: The prospects lie in an area where Tertiary gravels overlies clastic sediments of the Brock Canyon Fm (According to NBM Bull. 64, geologic map of Eureka Co.). Upon examination, we found that indeed soils & gravels covered the geology in this area making it difficult to determine structures or host rock.

The most prevalent rock types found in float on the hillside are black chert, cherty shales & light-colored fine siltstones.

The main working (shown as prospect on topo sheet) is a caved adit. Most of the dump is composed of black siliceous shales. Some opaline vein material was found & sampled from dump. (Sample 1553 B). It is banded, has open spaced vugs & is Fe-stained. A small amount of breccia found near adit may indicate that this is a fault zone.

Sample 1553A is from drill cuttings. The cuttings consist of red & grey chert & cherty shale with no obvious sign of mineralization.

REMARKS:

Sample 1553 A & B

Photo.

REFERENCES: NBM Bull. 64.

EXAMINER: Bentz/Smith

DATE VISITED: 7/13/82