

0750 0010

PROPERTY NAME: Sample location 1516

OTHER NAMES:

MINERAL COMMODITY(IES): Au?, Ag?

TYPE OF DEPOSIT: Opalized breccia or conglomerate, sinter?

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

County: Eureka

(108) Item 10

Mining District: Buckhorn

AMS Sheet: Winnemucca

Quad Sheet: Horse Creek Valley 15'

Sec. Unsurveyed, T 27N, R 49E

Coordinate (UTM):

North 4 4 5 1 8 0 0 m

East 0 5 4 4 3 5 0 m

Zone +11

DEVELOPMENT: One old drill hole lies below resistant outcrop.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: A few miles north of the Buckhorn Mine are several knobby, resistant outcrops of what appears to be an opalized conglomerate or breccia. The fragments within the rock are angular & mostly of sedimentary origin (siltstone, chert, opalite). The matrix is sandy but silicified. Some drusy quartz fills veinlets & vugs.

The Cominco geologist believes these deposits are opalized conglomerates which were deposited in a shallow basin with hot spring activity. However, it is possible that these deposits represent hydrothermal explosion breccias created at the top of a hot-springs system. Portions of the outcrop resemble sinter deposits.

According to the Cominco geologist, these deposits are anomalous in gold & mercury. He believes the opalized & brecciated rock probably formed along fault structures.

Sample 1516 A is an outcrop sample of the opalized breccia. Sample 1516 B was taken from sulfide-bearing drill cuttings from a drill hole located ^{below} just east of the outcrop. The drill cuttings consist of altered basalt? with clots pyrite, galena? & possibly pyrrhotite?.

REMARKS:

Sample 1516 A & B

Photos

REFERENCES:

EXAMINER: Bentz/Tingley/Bonham/Smith

DATE VISITED: 7/82