0090 0035

(151) Item 25

PROPERTY NAME: DMB Mining Properties

OTHER NAMES:

MINERAL COMMODITY(IES): Ag?, Au?

TYPE OF DEPOSIT: Hydrothermally altered volcanics

ACCESSIBILITY: Good

OWNERSHIP:

PRODUCTION: Unknown

HISTORY:

County: Lander

Mining District: North Bullion

AMS Sheet: Winnemucca

Quad Sheet: Cresent Valley 15'

Sec. 15, T 30N, R 47E

Coordinate (UTM):

North 4 4 7 9 3 0 0 m

East 0 5 2 9 8 2 5 m

Zone +11

DEVELOPMENT: 4 or 5 levels of drill roads cover hillside in area of prospects shown on map. Numerous drill holes. One small open pit mine below roads with nearby heapleach field.

ACTIVITY AT TIME OF EXAMINATION: Actively leaching ore with cyanide.

GEOLOGY: Small open pit mine above leach operating explores highly oxidized and hydrothermally altered zone in very fine-grained, dense, dark grey, basaltic-andesite. The volcanics are bedded and within the pit, the bed strike N10E and dip to W at a moderate angle. The pit is elongate in a NW-SE direction. The upper part of the pit is in a fine-grained mafic volcanic rock, but the lower part intercepts a coarser-grained, highly altered volcanic or possibly an intrusive dike. The only mineralization observed was in these "intrusive rocks". Samples of this rock contained abundant clots of FeOxs, Fe veinlets and sulfides(pyrite) and possible arsenopyrite finely disseminated throughout rock. Alteration of the sample renders identification of the original rocktype impossible.

The upper levels of the pit is intensely altered (abundant limonite, hematite, goethite and cut by numerous white veins composed of calcite and talc. The veins cut the rock along bedding and also have fractured the rock at steep angles to the bedding. No mineral was noted in the clay veins, but the shattered and fractured host rock is stained by FeOxs, often punky and oxidized. Some silicification was noted, most commonly as opaline pods developed in the volcanic rocks.

Precious metal mineralization is probably microscopic and is most likely distributed within altered zone with arsenopyrite or some other sulfide.

No faults were observed but the sheared appearance of the exposed rock indicates the alteration zone may follow one.

Photos

REMARKS: Samples 114 - Altered intrusive? or coarse-grained volcanic.
115 - Altered wallrock (volc)

REFERENCES:

EXAMINER: Bentz

DATE VISITED: 5/14/82