

0590 0006
PROPERTY NAME: Black Diablo Mine
OTHER NAMES:
MINERAL COMMODITY(IES): Mn
TYPE OF DEPOSIT: Bedded syngenetic
ACCESSIBILITY:
OWNERSHIP:
PRODUCTION:
HISTORY:

(270)
County: Pershing Hem 16
Mining District: Black Diablo
AMS Sheet: Winnemucca
Quad Sheet: Leach Hot Springs 15'
NE/4 NE/4
Sec. 2, T 32N, R 39E
Coordinate (UTM):
North 4 5 0 3 3 5 0 m
East 0 4 5 3 6 3 0 m
Zone

DEVELOPMENT: Two adits (caved at portal) and a small open pit. One rather large dump. Some old buildings are on the site.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Massive black manganese oxides occur as a bed or beds within a sequence of greenstone, argillite and chert of the Pennsylvanian - Permian Havallah sequence. The overlying rocks to the manganese zone are dark greenstone, light gray chert, and olive to maroon argillite. The beds appear to have an attitude of about N20W, 30SW, although they are somewhat structurally disturbed. The red jasper occurs near the top of the manganese ore as lenses within it, and a thick section appears to underlie ore. The footwall of the manganese - jasper zone is mainly covered. It appears that the thickest part of the main manganese zone could be 25m thick (true stratigraphic thickness). A small amount of white to clear chalcedonic silica occurs as veinlets cutting jasper and manganese oxides.

Johnson (1977) reports that other nearby manganese prospects are similar to the Black Diablo.

REMARKS: A sample 2354 of select manganese ore (with a few pieces of jasper) was collected from an ore pile east of the old ore bin. Photo LG 843-26 is of the west wall of the open pit, showing black ore and red jasper.

REFERENCES: Johnson, M.G. (1977) Geology and Mineral Deposits of Pershing County, Nevada: Nevada Bureau of Mines and Geology Bulletin 89, p. 55.

EXAMINER: L.J. Garside

DATE VISITED: 30 Sep 84