

taken from NBMG OFR 81-4
(1981) See also 83-3 for
geochemical results.

1350 0002

Decoy

(50)
Item 2

The Decoy district covers a very small portion of the western flank of the central Toano Range. The district contains only two properties, both of which cover one occurrence located on a small hill west of the range front. Small amounts of manganese ore were shipped from the property in 1917-18 and again in 1952.

Host rocks for the manganese ore are limestones and dolomites of Ordovician age (Pogonip group). Ore consists of psilomelane, pyrolusite, and wad which occur as bedding replacements in the sediments along a N10°W zone along bedding. Stopes extend down-dip 55° to the southwest along this zone. A N05°E, 60°SE dipping shear zone cuts the sediments, and may be an ore control feature. Along outcrop to the north, the mineralized structure can be traced by iron-manganese gossan and jasperoid.

Geochemical analysis of samples selected from dumps on the property showed, in addition to manganese, anomalous values in barium, arsenic, cobalt, nickel, and silver to be present.

There were no signs of activity on this property at the time of the examination.

Selected References:

Granger, et al. (1957) Geology and Mineral Resources of Elko County, Nevada.

NBMG Bull. 54.

Smith, R. M. (1976) Mineral Resources of Elko County, Nevada, U.S. Geol.

Survey Open-file Rpts. 76-56.