

0770 0021

35

135

ITEM

21

MINNESOTA—IRON

Alternate names: Standard Slag Mine, Minnesota Copper Lode Claim

Commodities: Fe

LOCATION-OWNERSHIP

County Douglas.
Mining district Buckskin.
Elevation 1,823 m.
Topography Hilly.
Domain Mixed; private and BLM administered.

General location About 38 km southeast of Carson City.
Meridian Mount Diablo.
Tract Sec. 19, T 14 N, R 24 E.
Latitude 39°04'04" N.
Longitude 119°20'00" W.

Owners V. Cox; J. Adams; A. J. Hawkins; M. Russell; L. J. Anderson; Standard Slag Co., Reno, NV (1975).

GEOLOGY

Type of ore body Replacement.
Origin Contact metasomatic.
Shape of ore body Irregular.
Ore controls Faulting, lithology.

Host formation Sedimentary Series.
Geologic age Triassic.
Rock relationships Dolomite, replaced by ore, gangue.
Size Small.

Mineralized zone average dimensions, m:

Length 244.
Width 152.
Thickness 122.

Mineral names Magnetite, hematite, dolomite, pyrite, chalcopyrite, martite, magnesite, malachite, chlorite, sericite.

DEVELOPMENT

Current status Inactive-past producer.
Type of operation Surface.
Mining method Surface.

Distance to water supply ... <3 km.
Road requirement None.
Distance to power supply ... On-site.

Year of discovery 1900.
Discovery method Auxiliary mineral in place.

Initial production 1916.
Last production 1967.
Past production 4,000,000 t ore and concentrate through 1967 (454).

PUBLISHED RESERVES-RESOURCES

No published reserve-resource information.

REFERENCES

296, 381, 453, 454, 580.

USGS quad maps Reno, 1:250,000.
..... Como, 15'.
USBM sequence number 0320050021
USGS MRDS number W016379.

Information Circular 9035

Principal Deposits of Strategic and Critical Minerals in Nevada

By N. T. Lowe, Russell G. Raney, and John R. Norberg



UNITED STATES DEPARTMENT OF THE INTERIOR
Donald Paul Hodel, Secretary

BUREAU OF MINES
Robert C. Horton, Director