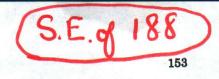
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PUMPKIN HOLLOW—IRON

Alternate names: Lyon Copper-Iron Deposits, Lyon Claims Ore body names: Northwest Deposit, North Deposit, South Deposit, East Deposit, E-2 Deposit Commodities: Fe, Cu, Au, Ag

LOCATION-OWNERSHIP

County Lyon. Mining district Unorganized. Elevation 1,428 m. Topography Hilly. Domain..... Mixed.

Tract...... Sec. 3, T 12 N, R 26 E.

Owner ... U.S. Steel Corp., Pittsburgh, PA (1984).
Lessee ... Plexus Resources Co., Salt Lake City, UT (1984).

GEOLOGY

Type of ore body Replacement, disseminated. Shape of ore body Ore controls Strike and dip of

Contact metasomatism, hydrothermal. Tabular. Contact zone, lithology, faulting. Northeasterly: steeply northwest.

Host formation Metasedimentary rocks. Geologic age..... Rock relationships.....

Triassic. Limestone, replaced by ore. Shale, replaced by ore.

Chert, replaced by ore. Skarn (tactite), is ore, gangue. Marble, replaced by ore, gangue.

Large.

mineralized zone. Mineralized zone aver-

age dimensions, m: Length 853. Width 610. Thickness 114.

Depth 107. Mineral names Magnetite, pyrite, pyrrhotite, chalcopyrite, actinolite, hedenbergite, diopside, calcite, chlorite, epidote, tremolite, garnet, talc, serpentine, quartz, bornite.

DEVELOPMENT

Current status..... Inactive-explored. Type of operation Prospect.

Year of discovery 1960.
Discovery method Geophysical anomaly.

Distance to water supply . . . >10 km. Road requirement <10 km. Distance to power supply . . . <50 km.

Past production None.

PUBLISHED RESERVES-RESOURCES

Class	Quantity		Grade	Year	Reference
1Not reported in reference	250,000,000 long tons	40% Fe, 0.3% Cu		1969	771

REFERENCES

360, 453, 454, 668, 695, 771.

Walker Lake, 1:250,000. USGS quad maps Yerington, 15'. 0320190181. USBM sequence number USGS MRDS number W016414.

Comments: The Pumpkin Hollow deposits contain 6 discrete ore bodies.

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 MINESRobert C. Horton, Director