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S.E. of 188

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ITEM 43

## 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.	General location .....	About 68 km southeast of Carson City.
Mining district .....	Unorganized.	Meridian .....	Mount Diablo.
Elevation .....	1,428 m.	Tract .....	Sec. 3, T 12 N, R 26 E.
Topography .....	Hilly.	Latitude .....	38°56'25" N.
Domain .....	Mixed.	Longitude .....	119°03'03" W.
Owner .....	U.S. Steel Corp., Pittsburgh, PA (1984).		
Lessee .....	Plexus Resources Co., Salt Lake City, UT (1984).		

## GEOLOGY

Type of ore body .....	Replacement, disseminated.	Host formation .....	Metasedimentary rocks.
Origin .....	Contact metasomatism, hydrothermal.	Geologic age .....	Triassic.
Shape of ore body .....	Tabular.	Rock relationships .....	Limestone, replaced by ore.
Ore controls .....	Contact zone, lithology, faulting.		Shale, replaced by ore.
Strike and dip of mineralized zone.	Northeasterly: steeply northwest.		Chert, replaced by ore.
Mineralized zone average dimensions, m:			Skarn (tactite), is ore, gangue.
Length .....	853.	Size .....	Marble, replaced by ore, gangue.
Width .....	610.		Large.
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.	Distance to water supply ...	>10 km.
Type of operation .....	Prospect.	Road requirement .....	<10 km.
Year of discovery .....	1960.	Distance to power supply ...	<50 km.
Discovery method .....	Geophysical anomaly.		
Past production .....	None.		

## PUBLISHED RESERVES-RESOURCES

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

## REFERENCES

360, 453, 454, 668, 695, 771.	USGS quad maps .....	Walker Lake, 1:250,000. Yerington, 15'.
	USBM sequence number .....	0320190181.
	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 MINES**  
Robert C. Horton, Director