

## PIUTE—IRON

ITEM 12

Alternate names: None

Commodities: Fe

## LOCATION-OWNERSHIP

County .....	Pershing.	General location .....	About 20 km southeast of Lovelock.
Mining district .....	Wildhorse.	Meridian .....	Mount Diablo.
Elevation .....	1,207 m.	Tract .....	Sec. 25, T 25 N, R 32 E.
Topography .....	Gentle.	Latitude .....	40°00'30" N.
Domain .....	Federal.	Longitude .....	118°20'30" W.
Owner .....	C. W. Hunley, 60%; E. L. and H. C. Stephenson, 30%; R. W. and L. M. Belanger, 10% (1975).		

## GEOLOGY

Type of ore body .....	Breccia fill, replacement, disseminated.	Host formation .....	Star Peak Group.
Origin .....	Contact metasomatic.	Geologic age .....	Triassic.
Shape of ore body .....	Pipelike.	Rock relationships .....	Breccia, replaced by ore, ore in fractures.
Ore controls .....	Fracturing.		Andesite, encloses ore.
Mineralized zone average dimensions, m:			Marble, replaced by ore.
Depth .....	230.	Size .....	Large.
Mineral names .....	Magnetite, pyrite, calcite, alabanite.		

## DEVELOPMENT

Current status .....	Inactive-explored prospect.	Distance to water supply. . .	>10 km.
Type of operation .....	Possible surface.	Road requirement .....	None.
Year of discovery .....	1952.	Distance to power supply . . .	<10 km.
Discovery method .....	Geophysical anomaly.		
Past production .....	None.		

## PUBLISHED RESERVES-RESOURCES

No published reserve-resource information.<sup>1</sup>

## REFERENCES

329, 454.	USGS quad maps .....	Lovelock, 1:250,000.
		Lovelock, 15'.
	USBM sequence number . . .	0320270382.
	USGS MRDS number .....	M060441.

Comments: Southern Pacific Land Co. owns adjacent odd numbered sections.

<sup>1</sup>Moore reports (454) "...an enormous quantity of material containing more than 20 percent iron, a very large quantity averaging more than 30 percent iron, and substantial quantity containing more than 50 percent iron."

**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**