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175

TONOPAH—TUNGSTEN

ITEM 56

Alternate names: Moly Tonopah, Jack

Commodities: W, Cu, Mo

LOCATION-OWNERSHIP

County	Humboldt.	General location	About 53 km northeast of Winnemucca.
Mining district	Potosi.	Meridian	Mount Diablo.
Elevation	1,743 m.	Tract	Sec. 33, T 39 N, R 42 E.
Topography	Rugged.	Latitude	41°12'36" N.
Domain	Unknown.	Longitude	117°15'26" W.
Owner-operator	Unavailable.		

GEOLOGY

Type of ore body	Replacement, contact metasomatism.	Host formation	Preble.
Origin	Sedimentary, igneous intrusion.	Geologic age	Cambrian.
Shape of ore body	Undetermined.	Rock relationships	Granodiorite, lies along ore.
Ore controls	Lithology, fracturing, faulting.		Skarn, is ore.
Strike and dip of mineralized zone.	North-northeast: east.		Marble, lies along ore, encloses ore.
Mineralized zone average dimensions, m:			Hornfels, lies along ore, encloses ore.
Length	>907.		Limestone, replaced by ore, lies along ore.
Width	Unknown.	Size	Medium.
Thickness	Up to 4.6.		
Depth	Unknown.		
Mineral names	Chrysocolla, calcite, epidote, quartz pyrite, chalcopryrite, molybdenite, scheelite, powellite.		

DEVELOPMENT

Current status	Inactive-past producer.	Distance to water supply ...	On-site.
Type of operation	Surface, underground.	Distance to power supply ...	On-site.
Mining method	Open pit, overhand stope.	Road requirement	On-site.
Year of discovery	Before 1950.		
Discovery method	Undetermined.		
Initial production	1950.		
Last production	Unknown.		
Past production	19,750 tons ore, averaging 0.3% WO ₃ , containing 5,925 short ton units ¹ WO ₃ (285).		

PUBLISHED RESERVES-RESOURCES

No published reserve-resource information.

REFERENCES

263, 269, 270, 272, 285, 801.

USGS quad maps	McDermitt, 1:250,000.
	Osgood Mountains, 15'.
USBM sequence number	0320130047.
USGS MRDS number	M030029.

Comments: Property is 183 to 366 m west of South Extension pit of the Getchell gold mine, operated by Getchell Mine, Inc., 1950-55. See references for Getchell Mine for additional information.

¹Short ton unit = 20 lb of contained WO₃.

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
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