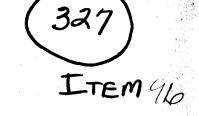
134



# McGILL TAILINGS-COPPER

Alternate names: Keystone Dumps

Commodities: Cu

## LOCATION-OWNERSHIP

White Pine. General location ...... About 19 km northeast of Ely. Mining district ..... Robinson Canyon. Meridian ..... Mount Diablo. Elevation ..... 1.865 m. Topography ..... Gentle Latitude ..... Domain.... Private. 

Owner..... Kennecott Copper Corp., Salt Lake City, UT (1984).

#### **GEOLOGY**

Type of ore body ...... Mill waste, tailings. Identified resources..... Medium.

#### DEVELOPMENT

Current status . . . . . Inactive-explored. Distance to water supply . . . On-site. Mining method ..... Surface. Road requirement ..... None.

### PUBLISHED RESERVES-RESOURCES

Class	Quantity	Grade	Year	Reference
1Not reported in reference	40,000,000 to 80,000,000	0.3 to 0.4% Cu	1979	413
		REFERENCES		•

160, 284, 413, 473, 477. USGS quad maps ..... Ely, 1:250,000. McGill, 15'. USBM sequence number ... 0320330056.

Comments: The tailings deposit at McGill represents a 70-yr accumulation of tailings from the adjacent concentrator. Over the years the "natural classification of the coarse and heavy particles resulted in a deposit of minable grade copper-bearing material suitable for concentrating and smelting" (473).

In 1978-79, Kennecott conducted exploration and feasibility studies on the deposit. In the fall of 1979, Kennecott announced that recovery of copper from about 800 ha (2,000 acres) awaited only a corporate go-ahead. It was stated that an investment of \$15 million would be required and would "pay for itself in less than a year" (160). The plan was to use conveyors to transport 9.5 million t (10.5 million tons) annually back to the mill and smelter facilities for reprocessing. Recycling of the 0.5% Cu tailings would take between 8 and 10 yr (160).

# 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