

2660 0018

E. J. LONGYEAR  
COMPANY  
File: Kinsley  
No Card  
Form 18

Category	Units	Cost
(a) Diamond drilling .....	2577 feet	\$20,730.74
(b) Bull dozing .....	50 hours	880.00
(c) Supervision & Technical Services through September .....	21 man-days & expenses	3,736.88
(d) Assaying .....	31 samples	88.00
		<u>\$25,435.62</u>

- (a) Performed by Contract Drilling Division, E. J. Longyear Company under terms of contract with Nevada Metals, Inc. dated January 28, 1963.
- (b) Road making and drill site preparation performed by Howard C. De Vaney, State Line Garage, East Line Townsite, Nevada, who was paid by the E. J. Longyear Company. The cost of \$880.00 includes \$100.00 for mobilization and demobilization of the dozer and operator.
- (c) Provided by Consulting Division, E. J. Longyear Company under terms of contract with Nevada Metals, Inc. dated January 24, 1963. The figure of \$3,736.88 includes fees totaling \$2,625.00 for 21 man-days and travel, living and incidental expenses totaling \$1,111.88. Not included are fees and expenses for the month of October, 1963.
- (d) Performed by the Union Assay Office of Salt Lake City, Utah, and paid for by the E. J. Longyear Company.

#### GEOLOGIC FEATURES

##### General

The project lies in the Kinsley District of White Pine County, Nevada, some 50 miles south of Wendover (Fig. 1). Access is afforded by way of U.S. Highway Alternate 50 and about 15 miles of unimproved dirt roads.

A quartz monzonite stock, measuring approximately a mile in diameter intrudes a series of limestone strata (Fig. 2). Dikes related to the stock have invaded the limestone near the south and north sides of the stock. Younger volcanic rocks cover the

limestones in places, and alluvium, the youngest geological formation in the district, covers extensive areas.

Many acres of limestone adjacent to the stock, especially near its south and north borders, have been converted to dolomitic marble. Much of this rock is an attractive, dense, white marble. However, considerable areas contain gray-white mottled and banded marble, as well as marble of buff and pinkish hues.

### Mineralization

Occurrences of molybdenum and tungsten are known on the north side of the stock. On the south side small copper occurrences with minor amounts of silver and traces of gold appear to predominate. It is understood that some lead mineralization has also been reported in the Doty prospect (Fig.2).

The mineralization in the district occurs in limestone and/or marble rocks at or near the contact with the monzonite stock or related dikes. Locally, altered, bleached, kaolinized and/or sericitized parts of the monzonite dikes contain some mineralization -- chiefly pyrite with minor chalcopyrite and copper carbonates.

### DRILLING

Seven inclined holes with an aggregate footage of 2577 feet were drilled between May 22 and September 26, 1963, with one truck-mounted Longyear drill operated two shifts daily and six days weekly. Hole locations are indicated on Figures 3, 4 and 5 showing claims, Morning Star area and Diane area, respectively. Pertinent drilling data are:

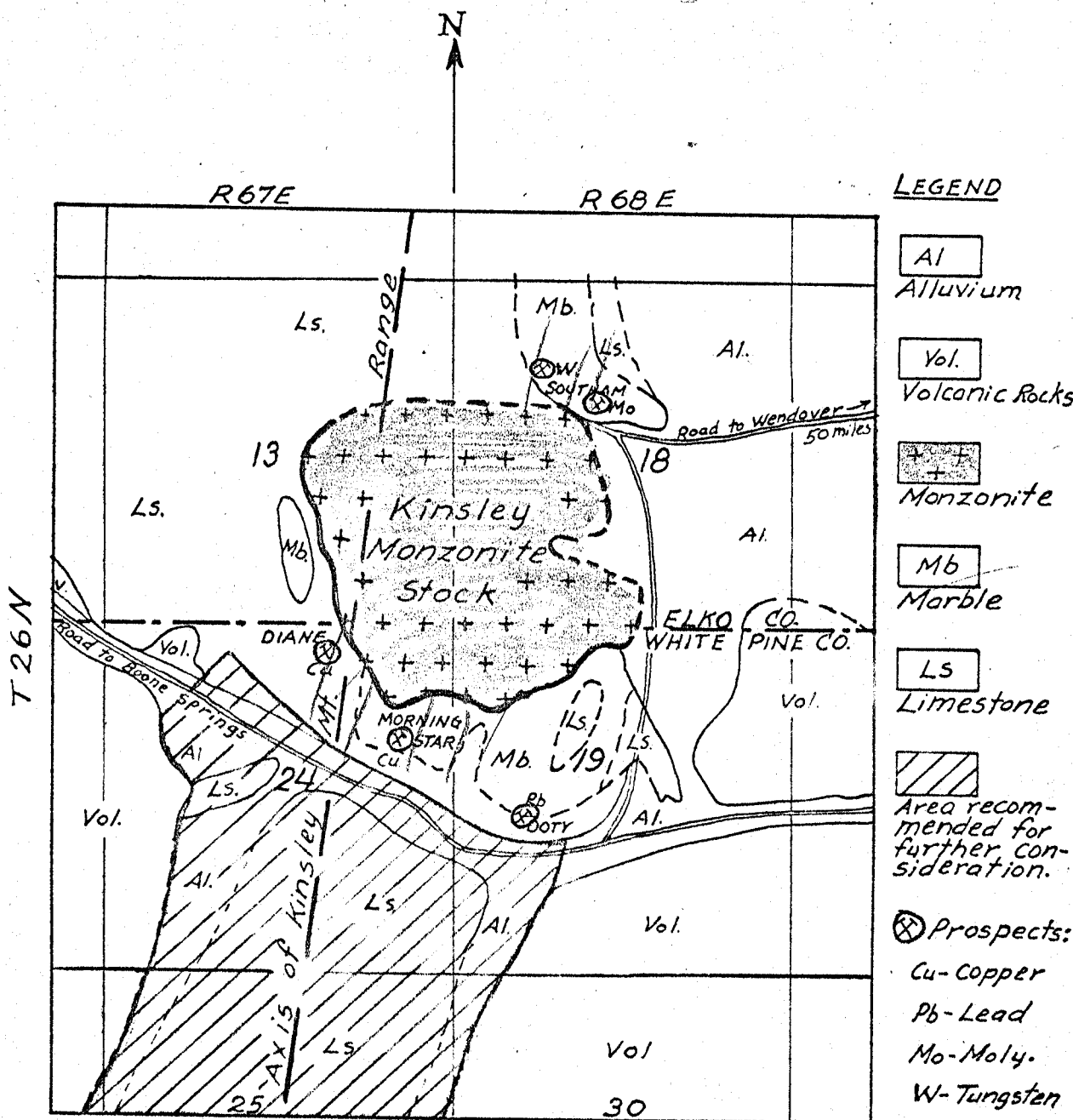


Figure 2

Map Of  
Kinsley Monzonite Stock  
White Pine & Elko Counties, Nevada

Scale: 1" = 2,500'

- To accompany E.J. Longyear Company report of October 1963 to Nevada Metals, Inc.
- And to show area recommended for further consideration.

• Adapted from map by R.A. Paige and W.M. Hoelund



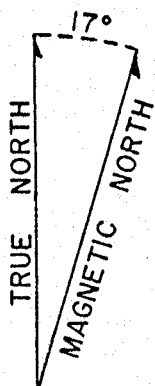
Qmd - qtz. monz. dike  
mb - marble

apd - aplite dike (3)

scale: 1" = 1050'

Qm - qtz. monz.

FeLs - iron stained limestone  
linear zones



APPROXIMATE MEAN  
DECLINATION 1962

## GEOLOGIC MAP OF THE

## SOUTHERN KINSLEY

By *MTS.*

RUSSELL A. PAIGE

and WAYNE

R.67 E.

R.68 E.

