

Examined a tungsten property belonging to Mr. George Vargiolu of Carson City, on May 21, 1942. The surface was mapped by daylight and covered with a mercury lamp after dark. The property lying 4 miles northeast of Carson City, Nevada has no merit. Described as two zones of  $W\text{O}_3$  mineralization averaging 30 feet each in width and carrying values from 0.8% to 1.5% Tungstic acid, it was found that the widest zone was 4 feet and that continuity was doubtful. Most of the mineral appeared to be Powellite.

Two samples cut ran 0.26% and 0.38%  $W\text{O}_3$

ReportVARGIOLU TUNGSTEN CLAIMS

(Ormsby County, Nevada)

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ITEM 6

INTRODUCTION

First brought to our attention by a letter dated May 15, 1941, this property was examined by the writer on May 21, 1941.

CONCLUSIONS

No commercial possibilities exist, and the area is condemned.

LOCATION

The property is located in Eagle Valley district, Ormsby county, Nevada, and is four miles distant by dirt road from Carson City, Nevada. Claims are located in Sections 28, 32 and 33, Township 16 North, Range 20 East, with respect to the Mount Diablo base and meridian.

GENERAL CONDITIONS

Close proximity to power and transportation at Carson City assures an ideal situation for mining. Lack of water at the site of mineralization is of little consequence. It is believed that an abundant supply can be developed two miles away in the valley.

LEGAL TITLE

The ground had been withdrawn from entry by the government, but on March 13, 1941, it was restored to entry by the U. S. Department of Interior. Eighteen claims are held by location, and these are: Lakeview, Lakeview 1, Lakeview 2, Lakeview 3, Lone Star, Lone Star 1, Sheep Ranch, Sheep Ranch 1, Sheep Ranch 2, Sheep Ranch 3, Strategic, Strategic 1, Strategic 2, Strategic 3, War Medal, War Medal 1, War Medal 2, and Capitol.

HISTORY

Little information was available on this district in regard to its history. There was some sign of previous activity in adjoining ground, which had reputedly been mined for silver. Mr. Vargiolu is apparently the first man to consider the area from a tungsten standpoint.

GEOLOGY

A very strong, well-marked contact between granite and limestone is the major geologic feature of the property. The granite is probably of the same age as that of the nearby Sierra Nevada batholith. It strikes about N. 40° E. and was followed for a good two miles during the course of the examination.

So-called "tactite" characterizes the contact zone on the limestone side, and garnet is abundant over a 200-foot width. Mr. Vargiolu has made the usual misinterpretation that all tactite is scheelite-bearing, which serves to explain the inflated ideas expressed in his first letter. At the northeast end of the property, on the Strategic claim, some  $\text{CaWO}_3$  was found following one of the beds. With a width of 3 to 4 feet, this scheelite could be followed for about



150 feet, and is the location of main trenching and development. The geologic picture is completed by a covering of andesite, completely concealing the limestone to the northeast and occurring as isolated remnants throughout the rest of the property.

#### SAMPLES

Two samples were taken in the scheelite band described above, and analyses were received as follows:

<u>Sample Number</u>	<u>Description</u>	<u>Width</u>	<u>% WO<sub>3</sub></u>
1252	Upper cut - Strategic Claim	3.75'	0.26
1253	Cut 150 feet above location of 1252	2.00'	0.38

#### RECOMMENDATIONS

No additional recommendations are made for future consideration.

D. L. Evans

Reno, Nevada  
October 17, 1941

cc-Mr. McIver  
Mr. Gentry  
Mr. Lundy  
Mr. Lee