

PRELIMINARY EXAMINATION

DOUGLASS COUNTY

Tactite and Thursday Group of tungsten claims, ~~Carson City~~, Nevada.

LOCATION

Property consists of 10 unpatented claims located 8 miles airline southeast of Carson City on the Ormsby and Douglass County line in the Pine Nut Range about two miles south of McTarnahan Peak, sections 17 and 18, T 14 N-R 21 E at an approximate elevation of 6,500 feet.

OWNERSHIP

The claims are held by location by A. F. Eske, 544-57th Street, Oakland, California, three-quarters interest, and L. W. Little, Carson City, Nevada, one-quarter interest.

GENERAL

The property is reached via the Brunswick Canyon Road, which departs southerly from the Carson City, Virginia City highway, and is 12 miles over unimproved dirt road from Carson City. The nearest power line is at the Stewart Indian School six miles northwest, and the nearest water is the Carson River at a point 3 miles northwest of the property. Springs, now nearly dry, exist about 3 miles westerly at an elevation of approximately 6000 feet. A moderate growth of pinon and juniper cover the property.

GEOLOGY

Molybdenum-bearing scheelite occurs finely disseminated in tactite, occurring as contact metamorphosed lime beds having a N 30-50 E strike and 35-45 E dip. Five such tactite "beds" were seen, two of which have an exposed natural outcrop of at least 1000 feet along the strike. Due to the lack of development work no effort was made to determine the extent of the other three beds which outcrop in one or two places only, and have narrow widths. Of the two major outcrops the most westerly has an average width of 25 feet, and the other, about 1500 feet east, an average width of about 60 feet. Both are cut by many small dikes of granite pegmatite, aplite and quartz stringers. While the width of the tactite varies considerably--east bed from 30 to 100 feet--the metamorphism is quite complete over the entire extent of the garnetized and epidotized beds.

SAMPLES

No areas of minable grade are known to exist. The extent of prospecting has been the completion of location work and the examination of the surface by ultra-violet lamp reported to show small amounts of scheelite in many areas. A few samples have been taken by the owners, and these range from 0.3% to 0.9% WO_3 .

Samples taken by the writer were cut across the entire exposed width of the outcrop in daylight, and include material assumed to be barren in approximate proportion to its extent in the outcrop. The samples are pick samples; no channels were cut. Results are as follows:

Sample No. 1: Narrow bed on extreme east side of property across 10 feet - 0.33% WO_3 .

Sample No. 2: South end of east bed across 50 feet - 0.04% WO_3

Sample No. 3: North end of east bed across 65 feet - 0.27% WO_3

Sample No. 4: Center of west bed across 25 feet - 0.03% WO_3

CONCLUSION

Some encouragement is seen in the myriad intrusives that cut the tactite on the basis that these intrusives may provide access for the ore minerals to all parts of the tactite mass thus permitting the possibility of a massive deposit minable by large scale methods rather than selective mining of higher grade portions. This attitude seems the only tenable one at the present stage of no development, since higher grade portions are not known to exist. While the above sample results do not preclude the possibility of a massive deposit, they suggest an average grade near the minimum required at the present premium price of tungsten. Further sampling of the deposit is recommended only if cross trenching or other development is done by the owners.

Submitted by,

cc: Alex M. McDonald

Roscoe M. Smith

Telephone 3-3302

Hand
Sample Serial.....

ASSAY CERTIFICATE
UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
A. C. SELBY, Vice-Pres. & Treas.
A. C. SELBY, Jr., Secretary

Salt Lake City, Utah

Mine..... Alex McDonald.....

July 6, 1943

RESULTS PER TON OF 2000 POUNDS

NO.	CLASS	GOLD Oz. per Ton	VALUE GOLD	SILVER Oz. per Ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent
						WO 3						
1						0.33						
2						0.04						
3						0.27						
4						0.03						

Remarks.....

Charges \$.....

RECEIVED
JUL 9 1943

[Signature]

STATE OF NEVADA
DEPARTMENT OF HIGHWAYS

Test No. **X 62-53-64 - 42**Date Reported **9-12-42**

MATERIALS AND RESEARCH LABORATORY

Contract No.
Project.....
County.....
Route and section.....
Contractor.....

MATERIAL **Scheelite-Bearing Ore (Tactite)**

Specification Reference.....

Brand or Name.....

Furnished by (name and address).....

Quantity represented by samples.....

☐ Preliminary samples ☐ Field samples (designate with x)Sampled by **L. W. Little**Date sampled **8-30-42**Date received **8-31-42**Date tests completed **9-12-42**Tests by **Carl Gottschalk**

Computed by.....

Checked by.....

TEST RESULTS

<u>Sample No.</u>	<u>Lab. No.</u>	<u>Source</u>	<u>% WO₃</u>
1	X 62-43	Upper location hole on Tactite Claim No. 1. Sample taken across north end and part of E. side at a depth of about 3-1/2 feet.	* 14.40
2	X 63-43	Portion of Dump and ten feet across vein at upper hole on Mary Mine Claim	0.5
3	X 64-43	General Sample over the dump at lower hole on Tactite No. 1 Claim.	0.9

Remarks and recommendations ***Apparently some extra rich material got into this sample. All samples were taken "blindly"; that is, without use of lamp or other means of detecting what portions of the area sampled carried the WO₃. In other words an attempt was made to secure "average samples."**

DISTRIBUTION:

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.....Division Engr.

.....Resident Engr.

.....Headquarters

.....Lab. Files

.....**3 L. W. Little**

F. H. MORRISON, Testing Engineer.

By **L. W. L.**

(5)

FORM 1008