

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland 5, Oregon

## WOOLF TUNGSTEN PROSPECT

Jackson County  
Gold Hill Dist.

Owner: Guy O. Woolf, Rt. 1 Box 357, Gold Hill, Oregon.

Location: NE $\frac{1}{4}$  of the NW $\frac{1}{4}$  of the NW $\frac{1}{4}$  sec. 14, T. 37 S., R. 4 W., at 1,360 feet elevation. The prospect is reached by the Right Fork Foots Creek Road -- 3.2 miles from U. S. 99 turn left 0.2 mile. The prospect is 300 feet south of the road. It is on privately owned land.

Development: A shallow discovery cut 4 feet wide and 10 feet long exposed the quartz vein.

Geology: A quartz vein appears, from the limited exposure, to be about 7 feet wide, striking N. 10° E., and dipping 70° NW. Large crystals of scheelite up to 1 $\frac{1}{2}$  inches across were found near the eastern contact of the vein. (The western contact was not exposed). The attitude of the dike is assumed from that of the sheared eastern contact with a weathered metavolcanic rock. Samples of quartz containing scheelite contain considerable limonite, probably weathered from pyrite.

The central (?) portion of the vein contains considerable sulphides but no scheelite. The sulphides are mainly pyrite with some galena. The majority of the exposed portions of the quartz appears to be relatively devoid of other minerals.

The surrounding surface area was examined for quartz float to aid in determining the strike of the vein. None was found. The slope of the surface is gradual, about 15°. The soil mantle is heavy and there is relatively abundant vegetation.

RECEIVED  
AUG 9 1958

STATE DEPT. OF GEOLOGY  
& MINERAL INDS.

Woolf Tungsten Prospect

- 2 -

Assays include:

<u>Number</u>	<u>Description</u>
(1) QG-53, P-19452	Fractured quartz with limonite and large scheelite crystals
<u>Results:</u>	<u>Au</u> -- 0.02 oz., \$0.70; <u>Mo</u> -- 1.00%; <u>WO<sub>3</sub></u> -- 15.49%.
(2) QG-90, P-19613	Quartz with some sulphides, pyrite and galena
<u>Results:</u>	<u>Au</u> -- 0.10 oz., \$3.50; <u>Ag</u> -- 5.10 oz., \$4.61; <u>Cu</u> -- Trace; <u>Pb</u> -- Trace; <u>WO<sub>3</sub></u> -- Nil.

Visited: 4/10/56 -- M. S. and L. R. accompanied by Guy Woolf.

Report by: L. R. 6/14/56.

\* \* \* \* \*

## CRIB MINERAL RESOURCES FILE 12

## RECORD IDENTIFICATION

RECORD NO..... M061903  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 DEPOSIT NO..... 192  
 MAP CODE NO. OF REC..

## REPORTER

NAME..... SMITH, ROSCOE M.  
 DATE..... 78 08  
 UPDATED..... 81 02  
 BY..... FERNS, MARK L.; (BROOKS, HOWARD C.)

## NAME AND LOCATION

DEPOSIT NAME..... 400LF TUNGSTEN

MINING DISTRICT/AREA/SUBDIST. GOLD HILL

COUNTRY CODE..... US

COUNTRY NAME: UNITED STATES

STATE CODE..... OR

STATE NAME: OREGON

COUNTY..... JACKSON

DRAINAGE AREA..... 17 ROGUE RIVER

PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION..... 01

QUAD SCALE  
 1: 62500

QUAD NO OR NAME  
 GOLD HILL

LATITUDE  
 42-21-09N

LONGITUDE  
 123-08-54W

UTM NORTHING  
 4688700.

UTM EASTING  
 487775.

UTM ZONE NO  
 +10

TWP..... 37S  
 RANGE..... 04W  
 SECTION.. 14  
 MERIDIAN. WB & M

LOCATION COMMENTS: NW 1/4 SW 1/4

## COMMODITY INFORMATION

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
SCHEELITE, PYRITE, GALENA; MOLYBDENITE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1  
PRESENT/LAST OWNER..... GUY WOLFF, GOLD HILL OREGON (1956)

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
DISSEMINATED  
FORM/SHAPE OF DEPOSIT:  
SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS (DESCRIP. OF WORKINGS):  
OPEN CUT

PRODUCTION

NO PRODUCTION  
23 SAMPLES - 1956 1.5-INCH XALS

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI  
HOST ROCK TYPES..... METAVOLCANIC  
AGE OF ASSOC. IGNEOUS ROCKS.. LJUR-CRET  
IGNEOUS ROCK TYPES..... QUARTZ DIORITE  
PERTINENT MINERALOGY..... QUARTZ

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES  
1) NAME: APPLGATE GROUP  
AGE: PERM-TRI

COMMENTS (GEOLOGY AND MINERALOGY):

A PENDANT OF METAVOLCANIC ROCKS CONTAINS STRINGES OF SCHEELITE-BEARING QUARTZ

GENERAL REFERENCES

copy



STATE DEPARTMENT OF GEOLOGY  
AND MINERAL INDUSTRIES

1069 STATE OFFICE BUILDING  
PORTLAND 1, OREGON

General Laboratory Number P-19613

Date August 27, 1956

Spectrographic Laboratory Number \_\_\_\_\_

Sample received from Len Ramp  
DOGAMI

QG - 90

QUALITATIVE SPECTROGRAPHIC ANALYSIS  
(Quantities estimated to nearest power of ten)

1. Elements present in concentrations over 10%.

Silicon, iron

2. Elements present in concentrations 10% - 1%.

Aluminum

3. Elements present in concentrations 1% - 0.1%.

Titanium, lead, zinc

4. Elements present in concentrations 0.1% - .01%.

Magnesium, calcium, sodium, manganese, copper

5. Elements present in concentrations .01% - .001%.

Chromium, molybdenum, vanadium, silver, cobalt,  
nickel

6. Elements present in concentrations below .001%.

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Radioactivity - Nil

Len - Sorry this sample got to  
the bottom of the pile and was  
delayed so long. T.C.M.

Thomas C. Matthews, Spectroscopist

T.C.M.

9690  
Au, Ag, Pb, Cu, WO<sub>3</sub>

2033 First Street  
Baker, Oregon

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
1069 State Office Building  
Portland 1, Oregon

239 S.E. "H" Street  
Grants Pass, Oregon

REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein as fully as possible and submit this blank filled out along with the sample.

Your name in full Len Ramp

Post office address \_\_\_\_\_

Are you a citizen of Oregon? \_\_\_\_\_ Date on which sample is sent 5/9/56

Name (or names) of owners of the property Guy Woolf Woolf

Are you hiring labor? \_\_\_\_\_ Are you milling or shipping ore? \_\_\_\_\_

Name of claim sample obtained from Private land, (Woolf Tungsten)

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Jackson Mining District Gold Hill

Township 37S Range 4W Section 14 Quarter section NW

How far from passable road? 100 yds. Foots Ck. Loop Name of road \_\_\_\_\_

Channel (length) Grab Assay for Description

Sample no. 1 \_\_\_\_\_ x Pb, Cu, Au, Ag, WO<sub>3</sub>

Sample no. 2 \_\_\_\_\_

(Samples for assay should be at least 1 pound in weight)

(Signed) Len Ramp

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description Quartz vein material with pyrite and galena. Nearby

quartz contains scheelite.

Sample number	GOLD		SILVER		TUNGSTEN	COPPER	LEAD	
	oz./T.	Value	oz./T.	Value	WO <sub>3</sub>	Cu	Pb	
P-19613	0.10	\$3.50	5.10	\$4.61	Nil	Trace	Trace	---
QG-90								

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed 5-16-56 Called for \_\_\_\_\_

ORE-BIN NEWS

Tungsten Prospect Leased

Mr. Guy O. Woolf, Gold Hill, recently leased his tungsten prospect located on Foots Creek sec. 14, T. 37 S., R. 4 W., to the Calnevore Developing Corporation from Los Angeles represented by Messrs. Frank D. Robins, M. Goldman, and L. F. Darrell. Calnevore reportedly has tungsten and uranium holdings in California and Nevada. Mr. Woolf said that exploration work will start within three months.

The scheelite occurs in a quartz vein rather than the usual tactite formation. Portions of the vein contain pyrite and minor galena. A sample of the better grade ore (quartz containing large crystals of scheelite) assayed 15.49 percent  $WO_3$ . Values in silver and gold are present in the sulphide-bearing portion of the vein.

QG - 53  
Au, Mo, WO<sub>3</sub>

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REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein as fully as possible and submit this blank filled out along with the sample.

Your name in full Guy Woolf

Post office address Rt. 1 Box 357 Gold Hill, Oregon

Are you a citizen of Oregon? Yes Date on which sample is sent 3-23-56

Name (or names) of owners of the property same

Are you hiring labor? no Are you milling or shipping ore? no

Name of claim sample obtained from Private land

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Jackson Mining District Gold Hill

Township 37 S Range 4 W Section 14 Quarter section NW

How far from passable road? 100 yds. Rt. Fk. Foots Creek Name of road \_\_\_\_\_

Channel (length) Grab Assay for Description

Sample no. 1 24" Au, Mo, WO<sub>3</sub>

Sample no. 2 \_\_\_\_\_  
(Samples for assay should be at least 1 pound in weight)

(Signed) Guy O. Woolf

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Sample Description Fractured quartz-scheelite vein with limonite seams. Scheelite crystals up to 1 1/2 inches across.

Sample number	GOLD		SILVER		MOLYBDENUM	TUNGSTEN		
	oz./T.	Value	oz./T.	Value	Mo	WO <sub>3</sub>		
P-19452 QG-53	0.02	\$0.70	- - -	- -	1.00%	15.49%	- - -	- - -

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed 4-12-56 Called for \_\_\_\_\_