WOOLF TUNGSTEN PROSPECT

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

Location: NE 1/4 of the NW 1/4 of the NW 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 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.
Woolf Tungsten Prospect

Assays include:

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) QG-53, P-19452</td>
<td>Fractured quartz with limonite and large scheelite crystals</td>
<td>Au — 0.02 oz., $0.70; Mo — 1.00%; WO₃ — 15.49%</td>
</tr>
<tr>
<td>(2) QG-90, P-19613</td>
<td>Quarts with some sulphides, pyrite and galena</td>
<td>Au — 0.10 oz., $3.50; Ag — 5.10 oz., $4.61; Cu — Trace; Pb — Trace; WO₃ — Nil.</td>
</tr>
</tbody>
</table>


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

* * * * *
CRIB MINERAL RESOURCES FILE 12

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

RECORER
NAME ....................... SMITH, ROSCOE M.
DATE ....................... 79 06
UPDATED ................... 81 02
BY ......................... FERNS, MARK L.; (BROOKS, HOWARD C.)

NAME AND LOCATION
DEPOSIT NAME .......... #00LF 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 PROV .... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION ...... 01

QUAD SCALE .......... 1: 62500
QUAD NO OR NAME .. GOLD HILL

LATITUDE .............. 42-21-09N
LONGITUDE ............. 123-08-54N

UTM NORTING .......... UTM EASTING .. UTM ZONE NO
4668700. ................. 487775. ................. +10

TWP ............ 375
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 WOOLF, 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 (DESCRIPTION OF WORKINGS):
- OPEN CUT

PRODUCTION
NO PRODUCTION
- SAMPLES - 1956
- 1.5-INCH XALS

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS: PERM-TRI
HOST ROCK TYPES: METAVOLCANIC

AGE OF ASSOCIATED IGNEOUS ROCKS: LJUR-CRET
IGNEOUS ROCK TYPES: QUARTZ DIORITE

PERTINENT MINERALOGY:
QUARTZ

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

COMMENTS (GEOLOGY AND MINERALOGY):
- A PENDANT OF METAVOLCANIC ROCKS CONTAINS STRINGES OF SCHELITE-BEARING QUARTZ

GENERAL REFERENCES
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% - 0.01%.
   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%.

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
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

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. ___________ Feet Ck., Loop Name of road ________________________

Channel (length) ___________ Grab ___________ Assay for ___________ Description ___________

Sample no. 1 ___________ x ___________ Pb, Cu, Au, Ag, WO3

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

(Signed) ________________________ Len Ramp

Sample Description ___________ Quartz vein material with pyrite and galena. Nearby quartz contains scheelite.

<table>
<thead>
<tr>
<th>Sample number</th>
<th>GOLD</th>
<th>SILVER</th>
<th>TUNGSTEN</th>
<th>COPPER</th>
<th>LEAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-19513</td>
<td>oz./T.</td>
<td>Value</td>
<td>oz./T.</td>
<td>WO3</td>
<td>Cu</td>
</tr>
<tr>
<td>QC-90</td>
<td>0.10</td>
<td>$3.50</td>
<td>5.10</td>
<td>Nil</td>
<td>Trace</td>
</tr>
</tbody>
</table>

Report issued ______ Card filed ______ Report mailed ______ 5-16-56 Called for ______

SIR-5
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 \( \text{WO}_3 \). Values in silver and gold are present in the sulphide-bearing portion of the vein.
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, WO₃

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

(Signed) Guy O. Woolf

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

Sample Description: Fractured quartz-scheelite vein with limonite seams. Scheelite crystals up to 1½ inches across.

Sample number | GOLD | SILVER | MOLYBDENUM | TUNGSTEN |
---------------|------|--------|-------------|-----------|
<table>
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<tr>
<th>oz. T.</th>
<th>Value</th>
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<th>Mo</th>
<th>WO₃</th>
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</table>
P-19452 | 0.02  | $0.70 | -     | -   | 1.00% | 15.49% |
| OG-53 |       |       |       |     |      |       |

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

SIR-5