State Department of Geology and Mineral Industries

DAVIS TUNGSTEN DEPOSIT, Rock Creek District, Baker County

OPERATOR AND OWNER:	Jack Brown, Route 1, North Powder, Oregon
AREA:	Private land held in 320 acre tract, S½ Sec. 31, T 6S, R 38E.
HISTORY:	No past production. A new prospect.

TOPOGRAPHY, CLIMATE, ETC.
The property is on the eastern slope of the Elkhorn Mountains, approximately one half mile west of Baker Valley. Elevation taken by aneroid shows approximately 4500 feet at the outcrop. The relief is moderately steep, nevertheless, an old logging road could be extended ½ mile to the outcrop with a minimum of effort and maintain a 10 percent grade. At this elevation in the Elkhorns, snow usually lies on the ground from December through February. The spring months have a moderate amount of rain, and the summer months are dry. I estimate a total annual precipitation of about 20 inches. Enough water could be found near the deposit to facilitate a small mining operation. A larger supply for milling would have to come from the North Powder River, approximately one mile south of the deposit.

DEVELOPMENT WORK:
The total amount of development work is five shallow open cuts to a maximum depth of four feet. The cuts are strung out for a total length of 75 feet. See accompanying sketch.

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GEOLOGY: The country rock at the outcrop is a coarsely
crystallyzed white limestone. The limestone makes
contact on the east with a highly siliceous altered
rock. Megascopic inspection shows this rock to be an
altered greenstone with interposed quartz filling.
The greenstone at the point of contact forms a hard
rib that stands out in relief. See accompanying sketch.
Brown states that granodiorite outcrops a short distance
to the west and north of the outcrop. As most of the
time spent at the deposit was after dark, no attempt
was made to check his statement. In the upper cut (see
attached sketch) an 18" gouge and quartz seam was noted
in the limestone. This seam has a strike of N42°E and
dip of 61° NW.

Very little scheelite was noted at the deposit with
the use of the flourescent lamp. Locations showing
scheelite are marked on the accompanying sketch. The
scheelite occurs for the most part along minute fractures
in the limestone within 35 feet of the altered greenstone
contact. At one place, a very small amount of scheelite
was noted on a fracture in the greenstone within a couple
of feet of the limestone contact. No scheelite was noted
in the gouge and quartz seam.

Two samples were taken from the deposit. #1 Hand
picked specimen showing scheelite gave the following .

702 Woodlark Building
Portland, Oregon

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result: WO_3 - Trace. #2 Cut sample from the

second highest pit gave: WO_3 - Blank.

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(see also C.)

Davis Tungsten Deposit

Tungsten

6 S	38 E	S ½ 31
T	R	S

PUBLISHED REFERENCES

.... Baker .... COUNTY

...... Rock Creek .... AREA

...... 4500 .... ELEVATION

.... ROAD OR HIGHWAY

MISCELLANEOUS RECORDS

.... DISTANCE TO
SHIPPING POINT

PRESENT LEGAL OWNER (S) .... Jack Brown ....   Address .... Route 1 .. North Powder, Oregon ....

OPERATOR ...... none ....

Name of claims	Area	Pat.	Unpat.	Name of claims	Area	Pat.	Unpat.
320 acres deeded land							

EQUIPMENT ON PROPERTY   none

REPORTS

Davis Tungsten Report - L C Richards 7/21-22-/42   ⌐

SHIPMENT AND ASSAY RECORDS

MAPS

State of Oregon
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
702 Woodlark Building
Portland, Oregon

Davis tungsten

Subject:

From:

To:

Mr. Sam Wright, 6019 S.W. Corbett Avenue, Portland, was in the office
trying to interest someone in his tungsten property known as the
Davis tungsten located about 6 miles northeast of Anthony Lakes in
Baker County. I sent Wright to see Coe McKenna.

E.K.N.

DAVIS TUNGSTEN DEPOSIT, Rock Creek District, Baker County.

RECOMMENDATIONS AND CONCLUSIONS: The best that can be said for the

deposit at the present time is that there definitely is

a trace of scheelite present. As Mr. Brown believes that

he sees possibilities in the property, I recommended to

him that he sink on the best showing to a depth of about

ten feet. There is a possibility that these minute surface

fractures might become stronger with a little depth and

give some indication of stronger seams carrying scheelite

which might lead to ore. Mr. Brown has his own lamp. He

has been advised to use it while sinking, and follow the

best showings.

L C Richards 7/22/42