

# State Department of Geology and Mineral Industries

1069 State Office Building  
Portland 1, Oregon

PURVIS PROSPECT (molybdenum)

*Jackson Co*  
Upper Applegate Dist.

(This prospect has no name so I've assigned Mrs. Purvis' name to it.)

Owner: Mrs. Wanda Purvis, Ashland, Oregon, leased to C. O. Smith, Grants Pass, Oregon.

Location: SE $\frac{1}{4}$  sec. 10, T. 41 S., R. 2 W., on Tamarack Creek west of Observation Peak. (near Grubstake Mine)

Area: 5 claims.

History: Originally located as a gold mine about 3-4 years ago. Several pockets were removed, one of which netted \$22. There was an 80 foot tunnel, and the molybdenum ore was scattered about the dump.

Development: One 80 foot tunnel and several cuts.

Geology: The area is classed as "old schists" by Wells on the Medford geologic map. The vein is quartz and averages 2 feet in width. It can be traced for 1 $\frac{1}{2}$  miles. The outcrops show sulfides and bull quartz. Molybdenum is exposed in the tunnel. Recent assays show \$22 in gold and 1.6 percent molybdenum.

General: On August 6, 1940 there were 5 miners inches of water in Tamarack Creek. A dam across Tamarack Creek can flood 15 acres and give 100 ft. of head at a mill site. There is no water right. A road is within  $\frac{1}{2}$  mile of the property and is open from June to November. The prospect is reached via Ashland, or the Star Ranger Station on the Applegate River by way of the Beaver Creek road.

Informant: C. O. Smith, 1/6/41.

Report by: RCT 1/6/41.

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## CRIB MINERAL RESOURCES FILE 12

## RECORD IDENTIFICATION

RECORD NO..... M061188  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 MAP CODE NO. OF REC..

## REPORTER

NAME..... JOHNSON, MAUREEN G.  
 UPDATED..... 81 01  
 BY..... FERNS, MARK L.; (BROOKS, HOWARD C.)

## NAME AND LOCATION

DEPOSIT NAME..... PURVIS PROSPECT

MINING DISTRICT/AREA/SUBDIST. UPPER APPELEGATE

COUNTRY CODE..... US

COUNTRY NAME: UNITED STATES

STATE CODE..... OR

STATE NAME: OREGON

COUNTY..... JACKSON

DRAINAGE AREA..... 17 APPELEGATE RIVER

PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION..... 41

QUAD SCALE

1: 62500

QUAD NO OR NAME

TALENT

LATITUDE

42-00-46N

LONGITUDE

122-55-09W

UTM NORTHING

4651038.9

UTM EASTING

506703.7

UTM ZONE NO

+10

TWP..... 41S

RANGE..... 02W

SECTION.. 10

MERIDIAN. WILLAMETTE

LOCATION COMMENTS: SE 1/4

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU MO

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... 0

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
FREE GOLD, SULPHIDES, MOLYBDENITE

COMMODITY COMMENTS:  
ORIGINALLY LOCATED AS GOLD PROSPECT

ANALYTICAL DATA (GENERAL)  
SAMPLE ASSAYED 0.62 OZ/TON AU (\$22) AND 1.6% MO

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 2

### DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
LODE  
FORM/SHAPE OF DEPOSIT: POCKETS

SIZE/DIRECTIONAL DATA  
SIZE OF DEPOSIT..... SMALL  
MAX LENGTH..... 1.5 MILES  
MAX WIDTH..... 2 FT  
STRIKE OF OREBODY.... NW

### DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):  
ADIT 80, CUTS

PRODUCTION  
UNDETERMINED  
23 MO, OCCUR .022+ DOLLARS 1937-1941 0.6 AU

### GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI  
HOST ROCK TYPES..... QUARTZ-MICA SCHIST  
PERTINENT MINERALOGY..... QUARTZ

### GEOLOGY (SUPPLEMENTARY INFORMATION)

REGIONAL GEOLOGY  
MAJOR REGIONAL STRUCTURES.. THRUST FAULT