

# State Department of Geology and Mineral Industries

1069 State Office Building  
Portland 1, Oregon

JACKSON PROSPECT (DREW PROSPECT) (Hg)

Douglas County  
Tiller-Drew Dist.

Owner: Roy L. Jackson, Drew, Oregon.

Location: NW $\frac{1}{4}$  sec. 13, T. 31 S., R. 2 W.

Area: The prospect is situated partly on State Highway right of way and mostly on private land lying on the northeast side of Highway No. 227.

Development: Development consists of a 25-foot tunnel in the highway cut, a shallow partly caved shaft above the adit just inside Jackson's fence line, and a caved 15-foot(?) shaft lying a short distance up the hillside. No production has resulted.

Geology: The country rock is mainly basalt with nearby tuffs. Fractures in the basalt have been hydrothermally altered and in most cases narrow veins of calcite and quartz have been deposited. A few specimens of calcite vein material containing centers of dark-gray opaque chalcedony were seen to have some cinnabar.

During a brief examination of the area a chip sample was cut across a portion of a 4-foot branching(?) altered zone striking N. 10° to 30° E. and dipping 65° NW. The sample, ZG-140, assayed 0.20 lbs./ton Hg.

A more careful examination of the area where various trends are seen to the narrow altered zones may indicate favorable prospecting at their intersections.

Visited: 8/18/65 accompanied by Roy L. Jackson.

Report by: Len Ramp 9/13/65.

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RECEIVED  
OCT 6 1965  
STATE DEPT. OF GEOLOGY  
& MINERAL INDUS.

RECORD IDENTIFICATION

RECORD NO..... M055860  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 INFORMATION SOURCE... BAILEY, E. H.  
 MAP CODE NO. OF REC..

REPORTER

NAME..... PETERSON, JOCELYN A.  
 DATE..... 76 08

NAME AND LOCATION

DEPOSIT NAME..... DREW  
 SYNONYM NAME..... JACKSON

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... OR  
 STATE NAME: OREGON

COUNTY..... DOUGLAS

QUAD SCALE            QUAD NO OR NAME  
 1: 62500            TILLER

LATITUDE            LONGITUDE  
 42-52-45N            122-53-31W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
 4747196.4            508827.5            +10

TWP..... 031S  
 RANGE..... 002W  
 SECTION.. 13  
 MERIDIAN. WILLAMETTE

ALTITUDE.. 1400

COMMODITY INFORMATION

COMMODITIES PRESENT..... HG

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

DRE MATERIALS (MINERALS, ROCKS, ETC.):

*Tiller*

EXPLORATION AND DEVELOPMENT 2  
STATUS OF EXPLOR. OR DEV. 2  
PROPERTY IS INACTIVE  
YEAR OF DISCOVERY..... ABOUT 1925  
BY WHOM..... DAVE CRISPEN

#### DESCRIPTION OF DEPOSIT

##### DEPOSIT TYPES:

VEINLETS

##### FORM/SHAPE OF DEPOSIT:

##### SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

STRIKE OF OREBODY..... N 10 E

DIP OF OREBODY..... 65 NW

#### DESCRIPTION OF WORKINGS UNDERGROUND

#### PRODUCTION

NO PRODUCTION

PRODUCTION COMMENTS..... NO PRODUCTION DATA

#### GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... TERT

HOST ROCK TYPES..... BASALT AND TUFF

PERTINENT MINERALOGY..... CALCITE, CHALCEDONY

IMPORTANT ORE CONTROL/LOCUS.. ADIT FOLLOWS ZONE OF MULTIPLE FRACTURES

GEOLOGICAL DESCRIPTIVE NOTES. THERE MAY BE INCREASED MINERALIZATION WHERE THE FRACTURE ZONE CUTS THE OVERLYING TUFFS

#### LOCAL GEOLOGY

SIGNIFICANT ALTERATION:  
HYDROTHERMAL

#### GENERAL REFERENCES

- 1) BROOKS, H. C., 1963, QUICKSILVER IN OREGON: OREGON DEPT. OF GEOLOGY AND MINERAL INDUSTRIES, BULL. 55, 223 P.
- 2) MERCURY IN OREGON, 1965, USBM IC 8252
- 3) FREDERICK, F., 1945, STATE OF OREGON MAP SHOWING LOCATION OF QUICKSILVER DEPOSITS: OREGON DEPT. OF GEOL. AND MIN. INDUSTRIES, SCALE 1:1,000,000

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
1069 State Office Building - Portland, Oregon 97201

REQUEST FOR SAMPLE INFORMATION

The State law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information requested completely, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Please print your name and address in space above

Date sample is sent:

8/19/65

Len Ramp  
P.O. Box 417  
Grants Pass, Oregon

Name of claim sampled:

Drew Prospect

Name of property owners Roy L. Jackson

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

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

County Douglas Mining district Tiller-Drew

Township 31 S Range 2 W Section 13 Quarter section NW

How far from passable road and name of road 10 Feet State Highway 227

Channel (length) Grab Assay for Description

Sample No. 1 2 feet Hg across face above shallow shaft on top of road cut bank

Sample No. 2 \_\_\_\_\_

(Samples for assay should be at least 1 lb. in weight; clay samples for ceramic testing at least 5 lbs.) IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) Len Ramp

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

Description Bleached altered basalt with banded seams of calcite and amorphous to crystalline quartz.

Sample Number	GOLD		SILVER		MERCURY Hg			
	oz./T.	Value	oz./T.	Value				
P-30419	- -	- -	- -	- -	0.20 lb/ton	- - -	- - -	- - -
ZG-140								