

State Department of ~~Geology and~~ Mineral Industries ^{W&G}

RECEIVED
NOV 5 1952

702 Woodlark Building
Portland 5, Oregon

ELLINGER ASBESTOS PROJECT

STATE DEPT. OF GEOLOGY Jackson County
& MINERAL INDS.

Upper Applegate Area

Owner: W. R. Ellinger, 112 S. Oregon Street, Yreka, California, or
721 SW "K" Street, Grants Pass.

Location: NW $\frac{1}{4}$ sec. 13, T. 41 S., R. 2 W. at an approximate elevation of 7200 feet about one-half mile south of Observation Peak. The claim is reached from the Applegate River road near McKee Bridge by traveling southeastward 18.2 miles along Beaver Creek road to Jackson Gap, on the divide between the Applegate and Klamath River drainages, then turn southward along Sterling Mountain -- Donomore Ranch road for 2.6 miles, and then approximately 1 mile southwestward along Donomore Ranch Road to Oregon-California boundary. From here it is a one-half to three-fourths mile walk in a northwesterly direction to the claim located on the west side of the ridge about 400 feet in elevation above the road.

Area: 1 lode claim.

Development: Ellinger was digging a location trench at the time the property was examined. The trench extended N. 52° E. into the hill about 7 feet.

Geology: Chrysotile asbestos veins from 1/32 to 1/4 inch wide occur in widely spaced fractures in serpentine. Four parallel fractures 2 to 3 inches wide separated by 9 to 20 inches of serpentinized peridotite and containing the chrysotile veins are exposed in the location trench. The fractures strike N. 10° E. and dip at various angles to the east, some of them converging. Only a minor amount of $\frac{1}{4}$ inch chrysotile fibers were ^{W&G}

observed, most of them being 1/8 inch or less.

Various types of serpentinized ultramafic rocks are exposed on this claim. Serpentine consisting of very thin bands of light and dark green serpentine with minute soft white to gray somewhat fibrous veinlets containing magnetite grains that are oriented perpendicular to the vein walls crops out about 100 feet southeast of the location trench. Some gabbroid type dikes occur on this claim, but specimens from one dike contained about 50 percent hornblende and thus probably is a diorite rather than a gabbro. Wells (1939) has mapped gabbro dikes in the serpentine mass on Observation Peak.

This asbestos occurrence apparently is not of commercial value because of the narrow widths of the chrysotile fibers, and the apparent small size of the asbestos-bearing zone. John Gill of the Canadian John-Manville Corporation examined the property and stated that it did not warrant any further prospecting.

Visited by: D.J.W. and L.R. 8-26-53; and D.J.W. and John Gill 9-9-53.

Report by: D.J.W. 10-30-53.

References: Wells, 1939; Preliminary map of the Medford Quadrangle.

NG-316 + 317
Ident

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

2033 First Street
Baker, Oregon

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 David J. White (DOGAMI)

Post office address P.O. Box 417 Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 8-26-53

Name (or names) of owners of the property W. R. Ellinger

Are you hiring labor? No

Name of claim sample obtained from Unknown

Are you milling or shipping ore? No

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

County Josephine Mining district Upper Applegate

Township 41 S Range 2 W Section 12 Quarter section _____

How far from passable road and name of road 1/4 to 1/2 mile from Klamath River road on Observation Peak.

Channel (length) Grab Assay for Description

Sample no. 1 _____ x Ident. For G. P. display

Sample no. 2 _____ x Ident. " " " "

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

(Signed) David J. White

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

Description No. 1 - chrysotile asbestos veins in serpentinized dunite from less than 1/1

inch to 1/2 inch in width. No. 2 - Light and dark green banded dunite containing numerous

minute bands of fibrous serpentine (chrysotile ?).

Sample number	GOLD		SILVER				
	oz./T.	Value	oz./T.	Value			

Report issued _____ Card filed _____ Report mailed _____ Called for _____

NG-316 + 31
Ident.

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County Josephine Mining district Upper Applegate

Township 41 S Range 2 W Section 12 Quarter section _____

How far from passable road and name of road to 1/2 mile from Klamath River road on Observation Peak.

Channel (length) Grab Assay for Description

Sample no. 1 x Ident. For G. P. display

Sample no. 2 x Ident. " " " "

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

(Signed) David J. White

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

Description No. 1 - chrysotile asbestos veins in serpentinized dunite from less than 1/16

inch to 1/8 inch in width. No. 2 - Light and dark green banded dunite containing numerous

minute bands of fibrous serpentine (chrysotile ?).

Sample number	GOLD		SILVER				
	oz./T.	Value	oz./T.	Value			

Report issued _____ Card filed _____ Report mailed _____ Called for _____

RECORD IDENTIFICATION

RECORD NO..... M020189
RECORD TYPE..... XIN
INFORMATION SOURCE... 2
MAP CODE NO. OF REC..

REPORTER

NAME..... FERNS, MARK L. (BROOKS, HOWARD C.)
AFFILIATION..... DDGMI
DATE..... 81 05

NAME AND LOCATION

DEPOSIT NAME..... ELLINGER ASBESTOS

MINING DISTRICT/AREA/SUBDIST. UPPER APPLGATE

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

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

COUNTY..... JACKSON
DRAINAGE AREA..... 18010206 CALIFORNIA
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 TALENT

LATITUDE LONGITUDE
42-00-20N 122-53-16W

UTM NORTHING UTM EASTING UTM ZONE NO
4650200 509300 +10

TWP..... 041S
RANGE.... 002W
SECTION.. 13
MERIDIAN. WILLAMETTE

COMMODITY INFORMATION

COMMODITIES PRESENT..... ASB

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

COMMODITY COMMENTS:

SCATTERED, NARROW VEINS OF 1/8 TO 1/4 INCH FIBERS. INSUFFICIENT VOLUME TO BE ECONOMIC

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1

PRESENT/LAST OPERATOR.... W.R. ELLINGER, GRANTS PASS OREGON (1978)

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

REPLACEMENT

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS(DESCRIP. OF WORKINGS):

SMALL PITS

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI?

HOST ROCK TYPES..... METASERPENTINITE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: APPELEGATE GROUP

AGE: PERM-TRI

GENERAL REFERENCES

1) WOLFE, D.J., 1950, ELLINGER ASBESTOS; ODGMI UNPUBLISHED FILE REPORT