

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

L. E. J. Asbestos (amphibole)

Josephine County
Lower Applegate Dist.

Owners: L. R. Frazier, E. H. Frazier, and James D. Schelenbaum, Grants Pass. The claim was recently sold to Dewey Bristow (deceased) and Ray R. Offord, Medford.

Location: SE $\frac{1}{4}$ of SW $\frac{1}{4}$ sec. 9, T. 37 S., R. 6 W., on the southwest side of Bolt Mountain. It is reached by a road along the north side of the Applegate River which branches from Fish Hatchery Road near the bridge.

Area: Two claims located December 1951.

Development: Workings consist of an open cut approximately 70 feet wide, 120 feet long and 35 feet deep.

Geology: The cut is in a weathered partly serpentized peridotite. The fiber (tremolite) occurs with talc, red clay, and deweylite(?) in two narrow seams. The main seam is exposed in the lower part of the face of the cut. At this point it is about 20 inches wide. The seam was reportedly up to 4 $\frac{1}{2}$ feet wide, 8 feet high and 20 feet long. It strikes N. 30° E. and dips 75° W. A trench in the deepest part of the cut follows this seam. The other seam is 4 to 6 inches thick and is exposed in the upper portion of the face of the cut. It strikes N. and dips 20° W.

The fiber appears to vary considerably in quality. Some is quite brittle and some is more flexible and may be readily shredded into extremely fine threads. Fibers up to 8 inches long were found. Part of the fibrous material is matted and thoroughly mixed with talc.

A small amount (about 3 tons) of the asbestos was reportedly shipped in bags to the Powhatan Mining Co., Baltimore, Maryland 1952(?).

The price quoted was reportedly \$145/ton for primary grade and \$80 for secondary. The material was reportedly graded at 86 percent fiber and sold for about \$100 per ton.

Date visited: (A.M.) 10/25/57.

Informant: Les Frazier

Report by: L. Ramp - 1/15/58.

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State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

L. E. J. ASBESTOS PROSPECT

Josephine Co.
Lower Applegate Area

Owners: Leslie R. Frazier, E. H. Frazier and J. D. Schelenbaum. Called L. E. J. Asbestos Company, Route 3, Box 417, Grants Pass, Oregon.

Area: Filed two lode claims Dec. 24, 1951.

Location: SE $\frac{1}{4}$ Sec. 9, T. 37 S., R. 6 W., on southwest slope of Bolt Mountain N 40° W from Eagle Mountain at an elevation of 1225 feet (A).

Geology of Deposit:

A vein of asbestos from 6 inches to 2 feet wide in highly serpentized peridotite is exposed in a bulldozer cut. This main bulldozer cut is 50 feet long and 15 feet wide. A zone of talc lays along hanging wall of asbestos vein and ranges from a few inches to more than 1 foot in width and strikes N. 45° E. and dips 80° NW.

Visited: Early 1952 by H.D.W.

Report by: D.J.W. from notes by H.D.W., Dec. 11, 1952.

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... M013748
 RECORD TYPE..... X1N
 COUNTRY/ORGANIZATION. USGS
 FILE LINK ID..... CONSV
 DEPOSIT NO..... DDGM1 100-293
 MAP CODE NO. OF REC..

REPORTER

NAME..... LEE, W
 DATE..... 74 01
 UPDATED..... 81 03
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... L.E.J. ASBESTOS

COUNTRY CODE..... US
 COUNTRY NAME: UNITED STATESSTATE CODE..... OR
 STATE NAME: OREGON

COUNTY..... JOSEPHINE
 DRAINAGE AREA..... 17100009 PACIFIC NORTHWEST
 PHYSIOGRAPHIC PRJV..... 13 KLAMATH MOUNTAINS
 LAND CLASSIFICATION..... 49

QUAD SCALE QUAD NO OR NAME
 1: 62500 GRANTS PASS

LATITUDE LONGITUDE
 42-22-05N 123-24-53W

UTM NORTHING UTM EASTING UTM ZONE NO
 4690500. 465850. +10

TWP..... 37S
 RANGE..... 06W
 SECTION.. 09
 MERIDIAN. W.M.

COMMODITY INFORMATION

COMMODITIES PRESENT..... ASB

COMMODITY COMMENTS:

SLIP FIBER TREMOLITE OF VARYING QUALITY WAS FOUND IN A MAIN NORTHEAST TRENDING FRACTURE OF SHEER ZONE 4 INCHES TO 2 FT. THICK SERPENTINE. TREMOLITE IS ASSOCIATED WITH TALC.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

METAMORPHIC

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):

WORKINGS CONSIST OF AN OPEN CUT AND TRENCH NOT OVER 35 FT. DEEP. THE WIDER FIBER BEARING ZONE PINCHED DOWN WHERE MINING STOPPED.

PRODUCTION

YES

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OREBURD.)

PRODUCTION COMMENTS..... 3 TONS OF PRODUCTION.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR

HOST ROCK TYPES..... SERPENTINIZED PERIDOTITE

AGE OF ASSOC. IGNEOUS ROCKS.. LJUR-CRET K-AR 136 MY

LOCAL GEOLOGY

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES

1) NAME: GRANTS PASS STOCK

AGE: LJUR-CRET

COMMENTS (GEOLOGY AND MINERALOGY):

LOCATED IN CONTACT AUREOLE OF THE GRANTS PASS PLUTON