

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORIES

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 called for as completely as possible, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Your name in full Arton M. Spritzer

Post-office address Route 1, Box 226, Murphy, Oregon

Are you a citizen of Oregon x Date on which sample is sent 1-23-48

Name (or names) of owners of the property _____

Name of claim sample obtained from Gray Rock

Location of property or source of sample (describe as accurately as possible below):

County Josephine Mining district L. Applegate

Township 37S Range 5W Section 13 Quarter section _____

How far from passable road 2 miles

For what minerals or elements do you wish the sample(s) analyzed Au, Ag

	<u>Channel (length)</u>	<u>Grab</u>	<u>Pipe</u>	<u>Description</u>
Sample No. 1	_____	<u>x</u>	_____	_____
Sample No. 2	_____	_____	_____	_____

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) A. M. Spritzer

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

Description _____

Sample Number	GOLD		SILVER					TOTAL
	oz./T	Value	oz./T	Value				
IG-21	0.18	\$6.30	1.80	\$1.62				\$7.92

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

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

MEMORANDUM REPORT

GRAY ROCK EXTENSION PROSPECT (Au)

Lower Applegate Dist.
Josephine County

Owner: A. L. Spritzer, Route 1 Box 226, Murphy, Oregon

Location: E $\frac{1}{2}$ Sec. 13, T 37S., R5W. The property is located on Rocky Cr. and is reached from the north side Murphy-Applegate road via the Missouri Flat road.

Area: one full lode claim.

History: The property was opened up approximately 3 years ago by the present owner. It has had no production.

Development: Consists of one 50' shaft and numerous prospect pits.

Geology: Rocks exposed on the property are for the most part typical of the gray-green metavolcanics exposed in the Lower Applegate area. The Preliminary Geologic Map of the Grants Pass quadrangle (Wells 1940) shows a minor body of serpentine and a small dioritic dike a short distance to the north of the property.

The workings are along a quartz vein which strikes N 20° W. Dip of the vein at the shaft varies with depth ranging from approximately vertical at the collar to 70° to SW at 35' depth. Below 35' the dip is reversed being to the NE at high angles. At the date of the exam the lower 10' of the shaft was not accessible. The vein ranges from a few inches to 1' in width. Considerable sulphides, largely pyrite and chalcopyrite, are present throughout.

Six samples were taken-description and results as follows:

Sample #	Au oz/ton	Ag oz/ton	Description
1 IG 27	0.01	Trace	4" channel in quartz at end of 15' drift-35' below collar at shaft.
2 IG 28	0.01	Trace	4" channel in quartz 5' in on drift-35' below collar of shaft.
3 IG 29	0.04	0.60	3" channel in quartz taken in shaft 30' below collar.
4 IG 30	0.02	Trace	10" channel in quartz taken in shaft 17' below collar.
5 IG 31	0.08	Trace	10" channel in limonite-stained quartz taken in shaft 8' below collar
6 IG 32	0.10	0.60	Grab sample of hand sorted ore from shaft dump.

RECEIVED
OCT 9 1948

STATE DEPT OF GEOLOGY
& MINERAL INDS.

Department of Geology and Mineral Industries

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702 Woodlark Building
Portland, Oregon

Equipment: None

General Information: The property is located at an estimated 3000' elevation. Topography is mountainous, typical of the Lower Applegate District.

Report by : H. D. Wolfe

Date of Examination: February 25, 1948

Date of Report: October 7, 1948

Informants: A. M. Spritzer

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HORSEHEAD LIME CORPORATION

Lower Applegate

Josephine

Customers Report of Cars

	<u>No. 1</u>	<u>No. 2</u>	<u>No. 3</u>	<u>No. 4</u>	<u>No. 5</u>	<u>No. 6</u>
Calcium Oxide	97.00	94.48	98.64	97.72	98.52	98.60
Mag. "	0.41	0.58	0.54	0.74	0.48	0.40
Silica & Insoluble	0.06	0.16	0.02	0.30	0.63	0.36
Alumina & Iron	0.22	0.15	0.18	0.95	0.15	0.20
Phosphorus					0.018	0.019
Loss by ignition	2.33	4.05	1.83			

Taken from letter dated 2/27/48, signed by
W. E. Coleman, Horsehead Lime Corporation,
Medford, Oregon.

New rotary kiln of Horsehead Lime Corporation near Williams, Josephine county, Oregon, is expected to go into operation by June 1, using pulverized sawdust for fuel. The company which will produce chemical lime, is operating property formerly controlled by Washington Brick and Lime Company.

Taken from Mining and Industrial News, May, 1948.

State Department of Geology and Mineral Industries

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Portland, Oregon

GRAY ROCK EXTENSION PROSPECT (Au)

Lower Applegate Dist.
Josephine County

Remarks: Spritzer appears to be a hardworking individual with plenty of mining experience, including 20 years at Butte, Montana. For the past three years he has used spare time in prospecting and working the Gray Rock Extension largely because of its convenience to his ranch.

As yet too little work has been done on the property to determine its possibilities, if any.

CONFIDENTIAL

Gray R. Extension



STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES

702 WOODLARK BUILDING
PORTLAND 5, OREGON

February 27, 1948

Sample submitted by H. D. Wolfe

Analysis by:

Sample received on February 20, 1948

L. L. Hoagland

Assayer

Analysis requested Gold, Silver assay

Lab. No.	Sample Marked	Results of Analysis		Remarks
		Gold (Au)	Silver (Ag)	
1 P-6968	IG-27	0.01 oz.	Trace	4" channel at end of small gopher hole off shaft at 35' depth B.C. Channel sample of 4" vein of qtz. about 6' in from mouth of gopher hole at 35' level. Channel sample of 3" vein of qtz taken in shaft 30' B.C. Channel sample of 10" qtz vein at 17' B.C. Channel sample of 10" qtz vein - somewhat iron stained taken in shaft 8' B.C. Grab sample of hand sorted ore on dump. All in qtz + somewhat limonite- stained.
2 P-6969	IG-28	0.01 oz.	Trace	
3 P-6970	IG-29	0.04 oz.	0.60 oz.	
4 P-6971	IG-30	0.02 oz.	Trace	
5 P-6972	IG-31	0.08 oz.	Trace	
1 P-6973	IG-32	0.10 oz.	0.60 oz.	
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The Department did not participate in the taking of this sample
and assumes responsibility only for the analytical results.

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... M020041
 RECORD TYPE..... X1M
 INFORMATION SOURCE... 2
 MAP CODE NO. OF REC..

REPORTER

NAME..... FERNS, MARK L. (BROOKS, HOWARD C.)
 AFFILIATION..... ODGMI
 DATE..... 81 04

NAME AND LOCATION

DEPOSIT NAME..... GRAY ROCK EXTENSION

MINING DISTRICT/AREA/SUBDIST. LOWER APPELEGATE

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

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

COUNTY..... JOSEPHINE
 DRAINAGE AREA..... 17100309 PACIFIC NORTHWEST
 PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
 LAND CLASSIFICATION..... 00

QUAD SCALE QUAD NO OR NAME
 1: 62500 GOLD HILL (1954)

LATITUDE LONGITUDE
 42-21-11N 123-13-55W

UTM NDRTHING UTM EASTING UTM ZONE NO
 4688800 480900 +10

TWP..... 037S
 RANGE..... 005W
 SECTION.. 13
 SECTION FRACTIONS: E 1/2
 MERIDIAN. WILLAMETTE

ACCURACY OF LOCATION
 ESTIMATED

COMMODITY INFORMATION

OCCURRENCE..... AU AG

ORE MATERIALS (MINERALS,ROCKS,ETC.):
PYRITE, CHALCOPYRITE

ANALYTICAL DATA(GENERAL)
ODGMI SAMPLES ASSAYED 0.01-0.10 OZ/TON AU; TRACE-0.60 OZ/TON AG

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

LODE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL
MAX WIDTH..... 1 FT
STRIKE OF OREBODY..... N20W
DIP OF OREBODY..... 70-90 SW

DESCRIPTION OF WORKINGS
SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):
SURFACE PITS AND A 50 FT SHAFT

PRODUCTION
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI
HOST ROCK TYPES..... METAVOLCANICS

PERTINENT MINERALOGY..... QUARTZ

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES
1) NAME: APPLGATE GROUP
AGE: PERM-TRI

GENERAL REFERENCES
1) ODGMI UNPUBLISHED FILE REPORT

RECORD 02379

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... M013271
 RECORD TYPE..... X1M
 COUNTRY/ORGANIZATION. USGS
 FILE LINK ID..... CONSV
 DEPOSIT NO..... DDGMI 100-331
 MAP CODE NO. OF REC..

REPORTER

NAME..... LEE, W
 DATE..... 74 01
 UPDATED..... 81 02
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... GRAY ROCK

MINING DISTRICT/AREA/SUBDIST. WALDO

COUNTRY CODE..... US

COUNTRY NAME: UNITED STATES

STATE CODE..... OR

STATE NAME: OREGON

COUNTY..... JOSEPHINE

DRAINAGE AREA..... 17100311 PACIFIC NORTHWEST

PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION..... 41

QUAD SCALE

1:

QUAD NO OR NAME
CAVE JUNCTION

LATITUDE

42-13-04N

LONGITUDE

123-43-37W

UTM NORTHING

4674000.

UTM EASTING

440000.

UTM ZONE NO

+10

TWP..... 38S

RANGE..... 09W

SECTION.. 35

MERIDIAN. W.M.

CHROMITE

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

MASSIVE CHROMITE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

COMMENTS(DESCRIPTION OF DEPOSIT):

FLOAT

DESCRIPTION OF WORKINGS
SURFACE

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR

HOST ROCK TYPES..... SERPENTINE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: JOSEPHINE PERIDOTITE

AGE: JUR

GENERAL REFERENCES

- 1) RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, OREGON; ODGMI BULL. 100, 45P
- 2) RAMP, L. 1961, CHROMITE IN SOUTHWESTERN OREGON, ODGMI BULL. 52, P.142