

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 John E. Hamlin

Post-office address Route 3, Box 388, Grants Pass, Oregon

Are you a citizen of Oregon yes Date on which sample is sent 12-22-47

Name (or names) of owners of the property same

Name of claim sample obtained from Onion Falls

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

County Josephine Mining district Illinois River

Township 36S Range 8W Section 2 Quarter section \_\_\_\_\_

How far from passable road 1 1/4 mile

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

Channel (length) Grab Pipe Description

Sample No. 1 \_\_\_\_\_ X \_\_\_\_\_

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) J. E. Hamlin

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

Description \_\_\_\_\_

Sample Number	GOLD		SILVER		COPPER			
	oz./T.	Value	oz./T.	Value				
HG-284	0.05		0.90		8.90%			

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed \_\_\_\_\_ Called for \_\_\_\_\_

ONION FALLS

ILLINOIS RIVER

JOSEPHINE

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
ASSAY LABORATORIES

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Your name in full J. E. Hamlin

Post-office address Route 3, Box 388, Grants Pass, Oregon

Are you a citizen of Oregon yes Date on which sample is sent 3/12/47

Name (or names) of owners of the property same

Name of claim sample obtained from Onion Falls

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

County Josephine Mining district \_\_\_\_\_

Township 36S Range 8W Section 2 Quarter section \_\_\_\_\_

How far from passable road 2 miles

For what minerals or elements do you wish the sample(s) analyzed \_\_\_\_\_

Channel (length)    Grab    Pipe    Description

Sample No. 1    \_\_\_\_\_    x    \_\_\_\_\_

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) J. E. Hamlin

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Description \_\_\_\_\_

Sample Number	GOLD		SILVER		COPPER			TOTAL
	oz./T.	Value	oz./T.	Value				
HG-48	0.10	\$3.50	0.80	\$ .72	9.50%	\$39.90	±	\$44.12
HG-49	0.08	2.80	1.20	1.08	15.5%	65.10	±	\$68.98

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed \_\_\_\_\_ Called for \_\_\_\_\_

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
ASSAY LABORATORIES

REQUEST FOR SAMPLE INFORMATION

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Your name in full John E. Hamlin

Post-office address Route 3, Box 388, Grants Pass, Oregon

Are you a citizen of Oregon yes Date on which sample is sent 9-8-47

Name (or names) of owners of the property John E. Hamlin

Name of claim sample obtained from Onion Falls

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

County Josephine Mining district ILLINOIS T. Taylor Cr.

Township 36S Range 8W Section 2 Quarter section \_\_\_\_\_

How far from passable road 1 1/4 mile

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

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

**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) J. E. Hamlin

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

Description \_\_\_\_\_

Sample Number	GOLD		SILVER		COPPER		TOTAL
	oz./T.	Value	oz./T.	Value			
HG-214	0.09	\$3.15	1.20	\$1.09	23.60%		\$4.24
HG-215	0.03	1.05	0.60	.55	4.20%		1.60

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed \_\_\_\_\_ Called for \_\_\_\_\_

RECEIVED  
AUG 20 1945  
STATE DEPT. OF GEOLOGY  
& MINERAL INDS.

Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

ONION FALLS PROSPECT (Copper, Gold)

Josephine County  
Illinois River Area  
By E. A. Youngberg  
August 3, 1945

Summary:

A vein, 10 to 25 feet wide is opened by two cuts about 150 feet apart. The cuts expose primary and secondary copper minerals, the most abundant of which is chalcopyrite. Gold values are usually about \$1.00.

Owner:

J. E. Hamlen of Wilderville, Oregon.

Location:

The prospect is located in T. 36 S., Range 8 W., Section 2. The property may be reached via the Redwood Highway 199 to Hayes Hill service station. Turn right at service station onto the Swede Basin road. Follow signs to Onion Mt. and turn right at sign to Hamlen mine. The distance from 199 to the Hamlen mine is about 14 miles and 30 miles from Grants Pass. The prospect is 1½ miles by trail from the Hamlen Mine camp.

Area:

The prospect is on only one claim, known as the Onion Falls Lode Claim.

History:

The claim was located in 1941. To date there has been no production.

Development Work:

The vein is exposed in two places by shallow cuts.

ONION FALLS PROSPECT

page -2-

No. 1 cut, the most southerly, is about 8 feet long. The other is 25 feet long and about 10 feet in depth at the face. The elevation of cut No. 2 was 2900 feet.

Geology:

The vein occurs in meta-volcanics between two bands of serpentine about 3000 feet apart. The vein is a silicified and mineralized shear zone, 12 to 25 feet wide. The mineralization is the greatest on the hanging wall side. The sulphide minerals are pyrite, chalcopyrite, chalcocite and bornite. Some native copper may be found in the oxidized zone. Isolated bunches of porous reddish oxidized blue gooson <sup>were</sup> ~~was~~ observed overlying zones in which the heaviest sulphides were found.

The vein had a strike of N35°E and a dip of 78° to the southeast. The mineralized zone appeared to be confined to a chute about 175 feet long.

A sample taken across 3 inches of sulphides in No. 1 cut ran 4.2 copper, 0.04 oz. gold, 0.21 oz. silver per ton. A sample across 6 feet on the bottom of the No. 2 cut contained 6.7% copper, 0.02 gold, trace, silver.

General Information:

The prospect lies at the head of the East Fork of Taylor Creek. The topography is very steep and rough.

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# State Department of Geology and Mineral Industries

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702 Woodlark Building  
Portland, Oregon

ONION FALLS PROSPECT

By Elton Youngberg  
August 18, 1945

Unless a considerable tonnage of ore of higher grade than now exposed can be found, the prospect will be of little economic importance. The prospect lies in a very inaccessible spot requiring a tram line to remove the ore from the canyon in which it is located. Only one ore chute is indicated by present development work which does not appear large enough to support a milling operation. The shear zone continues in both directions and it is possible underground development might expose other ore chutes.

~~CONFIDENTIAL~~

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RECORD IDENTIFICATION

RECORD NO..... NO13698  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
FILE LINK ID..... CONSV  
DEPOSIT NO..... ODGNI 100-186  
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..... UNION FALLS COPPER  
SYNONYM NAME..... HAMLIN PROSPECT

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

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

COUNTY..... JOSEPHINE  
DRAINAGE AREA..... 17100310 PACIFIC NORTHWEST  
PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS  
LAND CLASSIFICATION..... 41

QUAD SCALE            QUAD NO OR NAME  
1:                    SELMA

LATITUDE            LONGITUDE  
42-28-15N            123-36-20W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
4702017.8            450219.2            +10

TWP..... 36S  
RANGE..... 08W  
SECTION.. 02  
MERIDIAN. W.M.

POSITION FROM NEAREST PROMINENT LOCALITY: S1/2 NE1/4

COMMODITY INFORMATION

COMMODITIES PRESENT..... CU

ORE MATERIALS (MINERALS, ROCKS, ETC.)  
PYRITE, CHALCOPYRITE, CHALCOCITE, BORNITE

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

VOLCANOGENIC

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

MAX WIDTH..... 25 FT

DESCRIPTION OF WORKINGS  
SURFACE

COMMENTS (DESCRIP. OF WORKINGS):

DEVELOPED BY A TUNNEL AND SHALLOW OPEN CUT.

PRODUCTION

YES

SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMO), CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 CU		SMALL		1950-1951	

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR

HOST ROCK TYPES..... METAVOLCANICS

PERTINENT MINERALOGY..... QUARTZ

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: ROGUE VOLCANICS

AGE: JUR

SIGNIFICANT ALTERATION:

SILICIFICATION

GENERAL REFERENCES



# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland 5, Oregon

Courier - - - Grants Pass - - - 6-23-51

## COPPER ORE SHIPPED FROM ONION MOUNTAIN BY MEDFORD COMPANY

Formal announcement of the start of operations by the Strategic Minerals Corp., Ltd., of Medford, at the Onion Mountain copper mine west of Grants Pass, was made today by C. E. Smith of Medford, manager of the mining company.

The announcement followed the arrival in Grants Pass yesterday of three truckloads of ore from the mine, part of the second car-load to be shipped from here to the American Smelting and Refining company's smelter at Tacoma, Wash.

The mine, leased last April from the owner, John Hamlin of Wilderville, is 31 miles by road from Grants Pass and about a mile and a half off the Onion Mountain road, just east of the Onion Mountain lookout station.

The company moved an air compressor, ore cars for use in the mine, and other equipment to the mine early in May and started development work.

Ore is raised on a 1000-foot tramway up a steep slope to the bunker at the top of a ridge, at the end of a stub road. The compressor is located there, too, with air for the jackhammers piped down to the mine.

The first car-load of ore was in the bunker about two weeks ago and was trucked here for shipment. No ore was shipped last week while tunnel work was being done.

The Onion Mountain road has been considerably improved in recent weeks by the mining company and a logging outfit which uses some five miles of the lower end of it. Hauling of the ore has been contracted to the Ray Gossett Trucking Co., Medford.

Manager Smith of the mining company states that the Onion Mountain mine is a new one, only one gondola car of ore having been taken from it previously, some two years ago, by the owner. Smith adds that a high-grade ore body is being developed and that present indications are that the mine should be a good producer.

"The ore shipped so far is a sulphide type," Smith said, "but the ledge is developing into chalcopyrite with depth. There is a small amount of gold with the copper in the ore."

Chalcopyrite, Smith explained, is a siliceous type of ore (running heavier to silica), is easier to smelt and more valuable.

Geology: The vein occurs in meta-volcanics between two bands of serpentine about 3000 feet apart. The vein is a silicified and mineralized shear zone, 12 to 25 feet wide. The mineralization is the greatest on the hanging wall side. The sulphide minerals are pyrite, chalcopyrite, chalcocite and bornite. Some native copper may be found in the oxidized zone. Isolated bunches of porous reddish oxidized blue gossan was observed overlying zones in which the heaviest sulphides were found.

The vein had a strike of N 35° E and a dip of 78° to the south east. The mineralized zone appeared to be confined to a chute about 175 feet long.

A sample taken across 5 inches of sulphides in No. 1 cut ran 4.2 copper, 0.04 oz. gold, 0.21 oz. silver per ton. A sample across 6 feet on the bottom of the No. 2 cut contained 6.7% copper, 0.02 oz. gold, trace silver.

General Information: The prospect lies at the head of the East Fork of Taylor Creek. The topography is very steep and rough.

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"Four men are employed at the mine at present," Smith said, "but the force will be increased as the development of ore warrants."

Smith said the Strategic Minerals Corp. is also completing plans for extensive chrome operations in both Southern Oregon and Northern California.

REQUEST FOR INSPECTION OF PROPERTY

by

State Department of Geology and Mineral Industries

400 East I Street  
Grants Pass

702 Woodlark Building  
Portland

2102 Court Street  
Baker

PLEASE READ THIS CAREFULLY BEFORE FILLING IN BLANKS

Every blank should be completely filled in. The reasons are that: We cannot examine all of the properties we are asked to examine because we do not have enough engineers to go around. Our funds and personnel are limited. It costs the State a substantial amount for the examination of your property. We are just as anxious to examine it as you are to have us do so. Therefore, in order that there shall be no loss of time, we must know exactly where your property is, how to get to it, where to meet you or someone who can take us in, and how much there is to be seen. You'd be surprised how often people, in directing us to their own properties, give directions which are not clear or which are confusing or incomplete. Sometimes we lose hours or a full day which could have been saved if the blank had been properly filled in. Please give us a break and put down all the dope!

Fill in accurately all the following blanks as fully as possible (even if the answer is "No"), and mail this form to the office address above, nearest to your property. A field engineer will then get in touch with you and arrange for the trip.

Date . July . 28 . 1948 . . .

Inspection requested by:

Owner of property:

Name: J. E. Hamlin . . . . .

Name: J. E. Hamlin . . . . .

Address: R. 3. Box 698 Grants Pass

Address: R. 3. Box 698 Grants Pass

What is property commonly called? Onion falls claim . . . . .

What is your own interest in property?

Location of property:

Owner: X . . Partner: . . . . .

County: Josephine Postoffice: Grants Pass

Lessee: . . . . . Other . . . . .

Section: 2 . . Township: 36S . Range: 8 W

What is the problem that is bothering you most? In other words, is it geological, metallurgical (milling), mining, how to continue exploration, financial, or what?

geological and exploration

FOR OFFICE RECORDS ONLY

Date request received . . . . .

Date property visited . . . . .

Cost of inspection: Salary . . . . .

Meals and lodging . . . . .

Our mileage cost . . . . .

Total . . . . .

Directions to field man:

Who will accompany field man to property? *owner*  
Can we drive right to the property? *no* . . . . . What kind of road is it? *forest service*  
How far must we pack equipment, samples, etc., from the road? *1 1/2 miles*  
During what months is the property not accessible? *late part of Dec, Jan, Feb, first part of March*  
Detailed road and trail directions for getting from nearest Postoffice to property; or to place where field man will meet you or the guide:

*from Grants Pass cont. Redwoods Hwy (199) to  
Harp hill reverse station turn right onto  
swade Basson road follow signs towards to onio  
mountain (part of) turn Rite out on main moun ro*

Description of property to be examined:

What kind of property: . . . Gold lode? . . . . . Placer? . . . . . Other? *copper*  
History: Is the property a prospect? *yes* . . . A past producing mine now idle? *no*  
Is it producing now? *no* . . . During what periods was it in production? *6 mile*

Development: Describe the surface workings (open-cuts, pits, trenches) that are cleaned out so that we can see the rock or ore in place. . . . .

*open cross cut, 30 feet, open cross cut 8 feet*

How many feet of underground workings (tunnels, cross-cuts, drifts, shafts, raises) approximately are open so that we can examine the rock or ore? . . . . .

How many dumps are there? *two* . . . Do you have a claim map of the property? *no* . . . . .

Map of workings? *no* . . . Assay map? *no* . . . Mill flow sheet? . . . Engineer's report? . . .

How many samples have been taken and assayed? *eight* . . . . .

\*\*\*\*\*

FOR OFFICE RECORDS ONLY

Date request received. . . . . 194 . . . . . Date set for visit *July 31, 1945*  
Date property visited. . . . . 194 . . . . . by: . . . . .  
Cost of inspection: Salary . . . . . \$  
Meals and Lodging . . . . . \$  
Car Mileage-cost at 4¢ . . . . . \$  
Total . . . . . \$

Hamlen - J.E.

Onion Falls Claim

Elev. 2900 (Barometric)

Cut 1<sup>#</sup> Mineralized zone  
11 ft. wide.

Cut No 2<sup>#</sup> Mineralized zone  
about 25 ft.

Strike of vein  $N 35^{\circ} E$   
Dip  $78^{\circ} E$

Mineralized zone exposed  
175'. Shear zone visible  
for 1000'.