

PROSPECT CARDS

Property Name <u>Copper Queen Mine</u>	Code No. _____
Property Owner <u>Robert Connells</u>	Followup Recom. _____
Submitted by _____	Later Review Recom. _____
Location: State <u>Oregon</u>	Examined by _____
County <u>Josephine</u>	Company _____
Mining D. <u>Grants Pers</u>	Date _____
T <u>345</u> R <u>6W</u> Sec. <u>15</u>	Where filed _____

Metals	Production Metal
Cu	<input checked="" type="checkbox"/>
Mo	<input type="checkbox"/>
Pb	<input type="checkbox"/>
Zn	<input type="checkbox"/>
Ag	<input type="checkbox"/>
Au	<input checked="" type="checkbox"/>
Fe	<input type="checkbox"/>
Mn	<input type="checkbox"/>
Cr	<input type="checkbox"/>
Ni	<input type="checkbox"/>
W	<input type="checkbox"/>
U	<input type="checkbox"/>
Re	<input type="checkbox"/>
P2O5	<input type="checkbox"/>
K2O	<input type="checkbox"/>
Sn	<input type="checkbox"/>
Be	<input type="checkbox"/>
Coal	<input type="checkbox"/>
Hg	<input type="checkbox"/>
Other	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>

AMS Quad \_\_\_\_\_  
 Other Quad \_\_\_\_\_  
 Production  
 None 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 50<sup>5</sup> 10<sup>6</sup>  
 TONS 

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 Geology  
 Host Rock meta-volcanic (pile?)  
 Mineralization  
 Type Massive lenses up to 30' wide  
 Trend \_\_\_\_\_  
 Ore py, pyrr, cpz  
 Gangue \_\_\_\_\_  
 Alteration  
 Type \_\_\_\_\_  
 Extent \_\_\_\_\_  
 Bibliography  
 USGS \_\_\_\_\_  
 USBM \_\_\_\_\_  
 Other Tim Smith, Parks & Swartley

Field Time

None	<input type="checkbox"/>
1 Day	<input type="checkbox"/>
1 Week	<input type="checkbox"/>
1 Mo	<input type="checkbox"/>
+1 Mo	<input type="checkbox"/>

Remarks: A exciting showing of massive sulfides that look like they occur at the top of a basic volcanic pile. The property is now probably taken but the horizon should be examined thoroughly. magnetometer would be great on the massive pyrite associated

Follow-up Recom. \_\_\_\_\_

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

## COPPER QUEEN MINE

LOCATION: Sixteen miles north of Grants Pass, Oregon, and one-half mile to one mile west of the main North and South Pacific Highway. The Leland station of the Southern Pacific Railroad is less than two miles by fair, dirt road to the west of the property.

AREA: Eight mining claims of twenty acres each, one hundred sixty acres in all. The area that the mine covers is approximately one quarter of a mile wide and one-half mile long. The body of ore, however, extends one-half mile or more beyond the property limits of the mine.

TIMBER AND VEGETATION: The surface of the property is covered mainly by small brush and second growth fir.

ELEVATION: Eighteen hundred to two thousand feet above sea level.

GEOLOGY AND ORE BODIES: The deposit is rather typical of the German iron hat. It is the only one of its kind seen in this part of the country. It is a massive iron sulphide intrusion between the galice formation and the greenstone. The galice formation is made up of sandstone, slate, and a highly classified conglomerate. The greenstone is the most typical igneous formation of the district and is placed as Jurassic. The ore, a pyrrhotite which has not weathered, is a solid, heavy sulphide and carries minute amounts of gold and silver and a very small percentage of copper. Fractures in the pyrrhotite show azurite and malachite. The surface is a limonite gossan which is the oxidized sulphide. The material carries a high percentage of water of crystallization and the gold is resultant from considerable erosion of the original deposit. The gossan cap covers the hill with a depth ranging from 15' to 25'.

There are about 150 pits on the property, most of which show gossan. From the work done, it is very hard to estimate the possible or probable tonnage, but considering the deposit to be 1500' in length, which is conservative, and 30' wide, there are at least 500,000 tons of ore, which should be ideal for the cyanide process. A deposit of this type is unique that approaches the values indicated and the values found in two cars shipped. The two car loads shipped show gold values of fifty-four hundredths of an ounce and thirty-five hundredths of an ounce, silver values of two and seventy-four hundredths ounces, and two and eight hundredths ounces, and copper forty-nine hundredths of a percent and thirty-seven hundredths of a per cent.

L. Lore Wartes

Nov. 1947

It has been reported that Mr. Robert Cannell of Semi, Ventura Co., California has recently purchased the Copper Queen Mine, two miles west of Leland, Josephine County. Present plans are to mine by open pit method. Heretofore underground mining has been practiced.

The Copper Queen was originally located in 1916 and has been worked sporadically since. Last work done at the mine was in 1941. In 1934 two carloads of ore were shipped from which was received 44.81 oz. of gold and 229.83 oz. of silver.

Mr. Cannell purchased the mine from Messrs. O. S. Blanchard and Herman Schmidt of Grants Pass. Work is to be under the direction of Tom Cannell, Sunny Valley.

To appear in Dec. 47. Ore Bin

#

Included in purchase was the Copper Queen  
#s 1, 2, 3, 4, 5 & C.Q. Mill Site  
Confidential

Reported purchase price = \$19,000  
Value of timber on prop. = 19,000.  
(which belongs to O&C Land Grant Ad)

Some question as to the legality  
of location.

Investigation is being undertaken by  
Bu of Land Management

WD

Nov. 1947

It has been reported that Mr. Robert Cannell of Sesi, California has recently purchased the Copper Queen Mine, two miles west of Leland, Josephine County. Present plans are to mine by open pit method. Heretofore underground mining has been practiced.

The Copper Queen was originally located in 1916 and has been worked sporadically since. Last work done at the mine was in 1941. In 1934 two carloads of ore were shipped from which was received 44.81 oz. of gold and 229.83 oz. of silver.

Mr. Cannell purchased the mine from Messrs. O. S. Blanchard and Herman Schmidt of Grants Pass. Work is to be under the direction of Tom Cannell, Sunny Valley.

COPPER QUEEN MINE  
(gold, silver, copper—GREENBACK DIST.)

Owners: O. S. Blanchard, Herman Schmidt, Phil Starr, L. L. Wartes, all of Grants Pass, Oregon

Location: NE $\frac{1}{4}$  sec. 15, T. 34 S., R. 6 W.

Area: 5 unpatented lode claims

Development: The property is developed with 7 tunnels and a large number of test pits.

History: "The Ore body has irregular masses of chalcopyrite, pyrrhotite and pyrite between serpentine and greenstone. General occurrence is much the same as ore bodies in the Queen of Bronze and Waldo Mines in southwestern Josephine County. Several carloads of copper ore were shipped from this property during the spring and summer of 1916. The property at that time was under lease to P. B. Wickham."

In the summer of 1934, Mr. Phil Starr shipped 2 carloads, totalling 50 tons, which gave 44.81 ounces of gold and 229.83 ounces of silver; since then the mine has been inactive.

Informant: J.E. Morrison, 39 (not visited)  
Reference: Parks & Swartley, p. 73, 1916 (quoted)

MAR 4 1939

Greenback District  
Josephine County

Name: Copper Queen Mine

Owners: O. S. Blanchard, Herman Schmidt, Phil Starr  
and L. L. Wartes, Grants Pass, Oregon.

Location: Sec. 15, T. 34 S., R. 6 W.

Area: 5 full size lode claims held by location. Apparently they have dropped three of them since Mr. Wartes made his report in 1934. See inclosed report by Mr. L. L. Wartes, also, Page 73 of the Handbook.

Misc. Information: If Mr. Wartes' figures of 1500 feet long by 30 feet wide and 15 to 25 feet in depth are correct, his half a million tons of ore is away off, as they only figure approximately 50,000 tons.

The property is developed with 7 tunnels and a large number of test pits.

*See also* In the summer of 1934 Mr. Phil Starr shipped 2 carloads. Since then the mine has been inactive.

Information furnished by Mr. Blanchard. January 24, 1939.

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 H. D. Wolfe

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

Are you a citizen of Oregon Yes Date on which sample is sent 12-20-47

Name (or names) of owners of the property Robert Cannell

Name of claim sample obtained from Copper Queen Mine

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

County Josephine Mining district Greenback

Township 34S Range 6W Section 15 Quarter section \_\_\_\_\_

How far from passable road 2 miles

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

Au, Ag, Cu

Channel (length) Grab Pipe Description

Sample No. 1 3 ft. \_\_\_\_\_

Sample No. 2 15 ft. \_\_\_\_\_

**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) H. D. Wolfe

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

Description \_\_\_\_\_

Sample Number	GOLD		SILVER		COPPER	NICKEL		
	oz./T.	Value	oz./T.	Value				
HG-275	Nil		Nil		1.20%	Trace		
HG-276	0.03		Trace		0.60%	-		

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

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
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Your name in full H. D. Wolfe

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

Are you a citizen of Oregon yes Date on which sample is sent 12-20-47

Name (or names) of owners of the property Robert Cannell

Name of claim sample obtained from Copper Queen Mine

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

County Josephine Mining district Greenback

Township 34S Range 6W Section 15 Quarter section \_\_\_\_\_

How far from passable road 2 miles

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

	<u>Channel (length)</u>	<u>Grab</u>	<u>Pipe</u>	<u>Description</u>
Sample No. 1	<u>8 ft.</u>	_____	_____	_____
Sample No. 2	<u>6 ft.</u>	_____	_____	_____

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(Signed) H. D. Wolfe

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Description \_\_\_\_\_

Sample Number	GOLD		SILVER		COPPER	NICKEL		
	oz./T.	Value	oz./T.	Value				
HG-277	0.04		0.80		2.00%	Trace		
HG-278	Nil		Trace		Nil	-		

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 H. D. Wolfe

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

Are you a citizen of Oregon yes Date on which sample is sent 12-20-47

Name (or names) of owners of the property Robert Cannell

Name of claim sample obtained from Copper Queen Mine

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

County Josephine Mining district Greenback

Township 34S Range 6W Section 15 Quarter section \_\_\_\_\_

How far from passable road 2 miles

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>
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Sample No. 1	<u>30 ft.</u>	_____	_____	
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Sample No. 2	<u>6 ft.</u>	_____	_____	
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(Signed) H. D. Wolfe

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Description \_\_\_\_\_

Sample Number	GOLD		SILVER		COPPER		
	oz./T.	Value	oz./T.	Value			
HG-279	Trace		Nil		Trace		
HG-280	Nil		Nil		-		

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 H. D. Wolfe

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

Are you a citizen of Oregon yes Date on which sample is sent 12-20-47

Name (or names) of owners of the property Robert Cannell

Name of claim sample obtained from Copper Queen Mine

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

County Josephine Mining district Greenback

Township 34S Range 6W Section 15 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>8 ft.</u>	_____	_____	_____
Sample No. 2	<u>8 ft.</u>	_____	_____	_____

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(Signed) H. D. Wolfe

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Description \_\_\_\_\_

Sample Number	GOLD		SILVER				
	oz./T.	Value	oz./T.	Value			
HG-281	0.13		2.30				
HG-282	0.12		2.40				

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 H. D. Wolfe

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

Are you a citizen of Oregon yes Date on which sample is sent 12-20-47

Name (or names) of owners of the property Robert Cannell

Name of claim sample obtained from Copper Queen Mine

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

County Josephine Mining district Greenback

Township 34S Range 6W Section 15 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) H. D. Wolfe

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Description \_\_\_\_\_

Sample Number	GOLD		SILVER					
	oz./T.	Value	oz./T.	Value				
HG-283	1.67		1.00					

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

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 Thomas Cannell

Post-office address 871 E. Clay Street, Monmouth, Oregon

Are you a citizen of Oregon yes Date on which sample is sent June 6, 1950

Name (or names) of owners of the property Robert Cannell

Name of claim sample obtained from Copper Queen

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

County Josephine Mining district GREENBROOK  
~~Green Creek~~

Township 34 S Range 6 W Section 15 Quarter section \_\_\_\_\_

How far from passable road 1 mile from Highway 99

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

	<u>Channel (length)</u>	<u>Grab</u>	<u>Pipe</u>	<u>Description</u>
Sample No. 1	<u>600 feet</u>	_____	_____	_____
Sample No. 2	<u>200 feet</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.

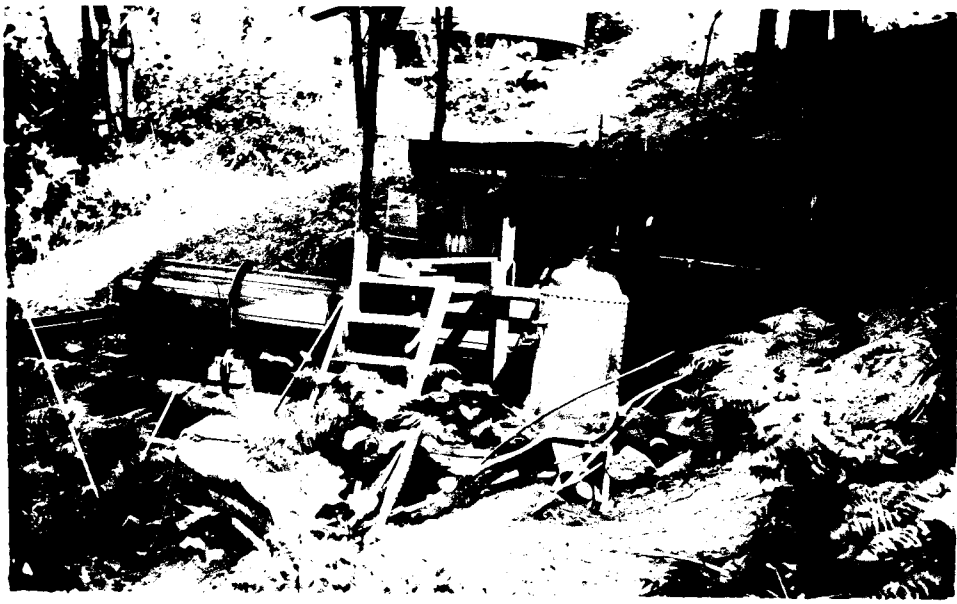
(Signed) Thomas Cannell

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Description Gossan

Sample Number	GOLD		SILVER		PLATINUM			
	oz./T.	Value	oz./T.	Value				
P-9948	0.04	\$ 1.40	Nil	- - -	Nil			
P-9949	0.80	\$28.00	6.00	\$5.43	Nil			

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



COPPER QUEEN

It has been reported that Mr. Robert Cannell of Semi, Calif. has recently purchased the Copper Queen Mine, two miles west of Leland, Josephine County, Oregon. Present plans are to mine by open pit method.

The Copper Queen was originally located in 1916 and has been worked sporadically since, usually by underground methods. Last work done at the mine was in 1941. According to a Department report, two carloads of ore were shipped in 1934 from which was received 44.81 ozs. gold and 229.83 ozs. silver.

Mr. Cannell purchased the mine from Messrs. O. S. Blanchard and Herman Schmidt of Grants Pass. Work is to be under the direction of Tom Cannell, Sunny Valley.

Taken from ORE.-BIN Vol 9, No. 12, page 101

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
 ASSAY LABORATORIES

Baker

SAMPLE INFORMATION REQUESTED

Grants Pass

The law passed by the Legislature, governing the free assaying and analyzing of samples sent to the State Assay Laboratories, provides that certain information be furnished the Laboratory regarding samples sent for assay, etc. A copy of this law will be found on the back of this blank. Please read the law carefully. Will you please fill in the information called for on the following blank, as far as possible and return the same to the nearest State Assay Laboratory along with your sample? If you have made out a blank, this copy is for your future use. Keep a copy of the information on each sample for your own reference.

Your name in full . . . . **Tom Cannell** . . . . .  
 Postoffice address . . . . **43 Curtis Ave., Forest Grove, Oregon.** . . . . .  
 Are you a citizen of Oregon? **Yes** . . Date on which sample is sent **Aug. 5, 1945** . .  
 Name (or names) of owners of the property. . **Jack Maloney.** . . . . .  
 Name of particular claim and date of location. . **Copper Queen No. 1** . . . . .  
 Location of property or source of sample (describe as accurately as possible below):  
 (1) County . **Josephine** . . . . . (2) Mining district **Grants Pass** . . . . .  
 (3) Township **34 S.** (4) Range. **6 W.** (5) Section **15.** (6) Quarter Section. . . . .  
 How far from passable road? . **1-3/4 miles** . . . . .  
 For what minerals or elements do you wish the sample analyzed?. . **Gold and palladium.**

(Unless other minerals or elements are specifically named this sample will be assayed for gold and silver only.)

Type of sampling: Channel (length)  . . . Grab . . . . . Pipe. . . . .  
 Report mailed . . . . . Called for. . . . .

**IMPORTANT:** A sample, to be of value, should be taken in an even channel across the vein from wall to wall. Its position in the workings should be marked and the width measured. Assays of unlocated samples, without widths, are of little value; they create little interest in the minds of experienced investors and engineers.

(signed) . . **Tom Cannell** . . . . .

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Description \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Sample Number	GOLD		SILVER		Palladium	Total
	oz./ T	Value	oz./ T	Value	Percent	
P-5443	0.20	\$7.00	1.20	\$1.08	Trace	\$ 8.08
P-5444	0.34	\$11.91	2.30	\$2.08	Trace	\$13.99

Report issued( ) Card filed( )