



**STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES**

**BAKER FIELD OFFICE
2033 FIRST STREET
BAKER, OREGON**

June 15, 1956

Hollis M. Dole, Director
State of Oregon Department of
Geology and Mineral Industries
1069 State Office Bldg.
Portland 1, Oregon

Dear Hollis:

Enclosed is the copy of the Standard Mine History which you returned with the Standard article. Enclosed also is a copy of the additional Standard Mine activity record which I secured from the Oregon Historical Society records. These I am sending for your Standard Mine file.

Attached herewith also is another article on the Standard Mine history enlarged to include the Historical Society data. This has been entirely rewritten but follows closely the editorial revisions indicated by you on the original article.

It is well that we look^{ed} into the Historical Society records as this source yielded several new items of interest on the cobalt product from 1903 where the Hendryx files ended, to 1906, as you will see when you read the article.

Sincerely,

A handwritten signature in dark ink, appearing to read "N. S. Wagner".

N. S. Wagner

NSW:slh

RECEIVED
JUN 18 1956
STATE DEPT. OF GEOLOGY
& MINERAL INDS.

October 18, 1938

Mr. E. M. Wilke
Box 312
Palo Alto, California

Dear Mr. Wilke,

I have at hand a copy of a letter to you from Mr. Earl K. Nixon, director of the department, concerning cobalt ore from the Standard mine, Quersburg District.

I have seen several samples of the ore from this property, and am forwarding one specimen to you, but in all of these samples I have recognized no distinctive cobalt.

In U.S.G.S. Bull. 846-A, cobaltite, glaucodot, and erythrite are mentioned. When the mine was visited in 1933 many of the tunnels were caved. Only cobalt bloom is mentioned as being found in place.

The mine is easily accessible, being only seven miles north of Prairie City, which is on the main John Day highway. Follow north on the Dixie creek road for about 6 miles, and take the main right hand forks, the mine being 1 mile beyond.

The same report mentioned above discusses the Black Prince property, as having a pocket of glaucodot in the tunnel, accessible in 1933. This is 14 miles from Prairie City. The owner is William Walling, of that city, and Frank B. Brindle has done work on the property.

If I can be of further assistance, please let me know.

Sincerely yours,

John Eliot Allen
field geologist

*copy to
Nixon*

July 16, 1938

Mr. John H. Esselink, Geologist
5810 McAndrew Drive
Oakland, California

Dear Sir

The cobalt area in eastern Oregon is approximately five miles north of Prairie City in Grant County. There two properties located here. One is the Standard Mine, information upon which can be secured from Joseph A. McCarthy, Trust Officer, Mercantile Bank and Trust Company, St. Louis, Missouri. The ore minerals are chalcopyrite, pyrrhotite, pyrite, and smaltite. This property has been idle for about twenty years. It is for sale by this trust officer, the property having been willed to five charities.

The other property is the Pittsburg Mine, address J. W. Crew, Canyon City, Oregon. Mr. Crew states that he could furnish about one carload of 10% cobalt monthly. As far as I know, nickel is not associated with the cobalt at these properties.

There is, however, a nickel mine in the Riddle District in Douglas County in the western part of the State. The name of the company is the Oregon Nickel Mining Company incorporated under the laws of California. We do not have the present address of the officers of this corporation. The nickel ore is a silicate gneithite and is found in veins or irregular bodies and is probably of higher grade nearer the surface than below. This deposit has been prospected quite extensively and considerable effort was made in attempting to solve the treatment. You can find several references in the List of Publications of the U. S. Geological Survey, describing the occurrence of this and the genesis of this ore.

Very truly yours,

AMSSvm

A. M. Swartley
Consulting Mining Engineer

JOHN H. ESSELINK

GEOLOGIST - MINERALOGIST

5810 McAndrew Drive, Oakland, California

July 11, 1938

Dealer in high grade
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all Languages, any
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Contributor to
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BASIN RANGES.

Maps, itineraries,
topographic information.

Field trips arranged
and conducted.

Oregon State Department of
Geology and Mineral Industries,
Portland, Oregon.

Gentlemen:-

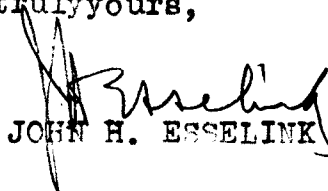
May I ask you to supply me with the names
and localities of some prospects or operating
mines from which nickel and cobalt minerals
have been reported, in Eastern Oregon.

I understand there are some very interesting
localities there but have been unable to obtain
particulars.

In case the information requires more space
that can be put into a letter, please cite such
literature as may be available on the subject.

Thanking you, I remain,

Very truly yours,


JOHN H. ESSELINK

RECEIVED
JUL 15 1938
STATE DEPARTMENT OF GEOLOGY
& MINERAL INDUS.

February 24, 1938

Mr. Joseph A. McCarthy,
Associate Trust Officer,
Mercantile Commerce Bank & Trust Co.,
St. Louis, Missouri.

Dear Sir:

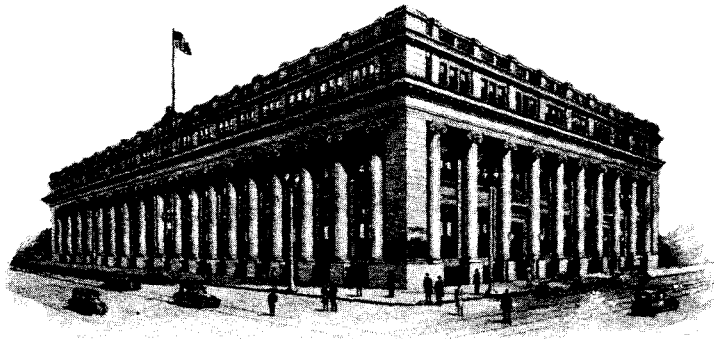
In reply to your letter of February 15th, concerning the Standard mines, of which your bank is trustee, the name of the inquirer for cobalt ores is Noorman Manufacturing Co., Quincy, Illinois.

We are furnishing you this name so that you may correspond with them direct. This is a State Department, engaged in investigating and promoting the mineral industries of Oregon. We make no charges of any kind in our effort to draw attention of persons desiring mining properties or mineral products to deposits in the State. We are only too glad to aid both buyer and seller without cost to either.

Yours very truly,

A.M. Swartley,
Consulting Mining Engineer

AMS:fas



MERCANTILE-COMMERCE BANK AND TRUST COMPANY

LOCUST-EIGHTH - ST. CHARLES

SAINT LOUIS

JOSEPH A. MCCARTHY,
ASSOCIATE TRUST OFFICER

February 15, 1938.

Mr. A. M. Swartley, Consulting Mining Engineer,
State Department of Geology & Mineral Industries,
Portland, Oregon.

Dear Mr. Swartley:

#2884A Agency, Clifford M. Dolph
Residuary Legatees.

Referring to your letter of January 29th to the County Clerk, Grant County, Canyon City, Oregon, and Mr. Roy Kilpatrick's letter to you of February 1st, in connection with mine in Grant County, Oregon, in Section 12, Township 12 South, Range 33 East, known as the Standard Mines, and known also as the Comer Mines, we desire to ask whether you would feel at liberty to give us the name of the party who made inquiry of you.

We should also like to know what your Department may be able to do to promote interest in this particular property.

This property passed under the Will of Clifford M. Dolph to five Institutions: The Seamen's Church Institute in New York City, Young Women's Christian Association in Cincinnati, Young Men's Christian Association in Cincinnati, Park College in Parkville, Mo., and Bethesda, a Hospital here in St. Louis. Our Company administered on the Estate of Mr. Dolph, and we desire to promote the interest of these Institutions by arranging disposition of this property to their advantage.

We shall be glad to hear from you at length.

Yours very truly,

Associate Trust Officer.

JAMcC/EC

February 19, 1938

Moorman Manufacturing Co.,
Quincy,
Illinois.

Attention: E.M.Stewart

Gentlemen:

In a former letter we have furnished you information concerning the Standard Mine and its ownership. Thinking you would be interested in additional information concerning other cobalt deposits, we are sending you a copy of a letter received from Mr. J. S. Crew of Canyon City, Oregon, with regard to another deposit of cobalt. Mr. Crew is reported by County officials to be a reliable person. The letter contains all the necessary details.

Yours very truly,

A. M. Swartley,
Consulting Mining Engineer

AMS:eds

Canyon City, Ar
Feb 16. 1938
The State Dept. of Mineral Lands;
704 Lewis Bld.
Portland Or.

Dear Mr Swarthey:

I am in receipt of letter of Feb 11 to
Mrs St Marie regarding Cobalt Ore. As
I furnished the ore you saw and have
the same claim that the ore came from
as you know the ore that contains Cobalt
with other values shipped to the western
smelters cause quite a lot of trouble
in the furnace and the shuffer is
poisoned for its presence. Since this
property has merit for its cobalt content
which runs as high as 10% to 15% and
about 70% in gold. We have taken up
the matter with a New York Chemical
Manufacturer and are trying to market the
ore put with them. The vein is about
9 ft wide and is quite strong, showing
it for several hundred feet in length and
has been cut at 1.25 ft from the surface

and at several places. The tonnage that can be had is a question at present & no mining has been done relative to regular production. I would be safe in saying that we could supply as much as our cor. load for mo. that would run 10% cobalt.

The Property is on a good road that can be used 9 mo out of the year and has 6 claims held by right of location with ample water and timber.

It might be well to mention that we have several assays that show a Gallium content of .001% .01% by Mr Herman of Los Angeles, Cal.

If you could supply us with any information as to the where we could the data an reduction of such an ore. It would be greatly appreciated.

RECEIVED
FEB 18 1938

STATE DEPT.
MINERALS, U.S.A.

Yours Very truly

The Pittsburgh Mining Co

By J W Crow

Canyon City, Oregon
February 16, 1938

State Dept. of Mineral Industries
704 Lewis Building
Portland, Oregon

Dear Mr. Swartley:

I am in receipt of a letter of February 11 to Mrs. St. Marie regarding Cobalt ore, as I furnished the ore you saw and have the same claim that the ore came from. As you know the ore that contains Cobalt with other values shipped to the Western Smelters cause quite a lot of trouble in the furnace, and the shipper is penalized for its presence. Since this property has merit for its Cobalt contents which run as high as 10% to 15% and about \$10.00 in gold, we have taken up the matter with a New York chemical manufacturer and are trying to market the output with them. The vein is about seven feet wide and is quite strong, showing up for several hundred feet in length and has been cut at 125 feet from the surface and at several places. The tonnage that can be had is a question at present as no mining has been done relative to regular production. I would be safe in saying that we could supply as much as one carload per month that would run 10% Cobalt.

The property is on a good road that can be used nine months out of the year and has six claims held by right of location with ample water and timber.

It might be well to mention that we have several assays that show a Gallium content of .001% to .01% by Mr. Herman of Los Angeles, California.

If you could supply us with any information as to where we could get the data on reduction of such an ore it would be greatly appreciated.

Yours very truly,

THE PITTSBURGH MINING CO.

By J. E. Crew

OFFICE OF
CLERK OF GRANT COUNTY

CANYON CITY, OREGON

February 14, 1938.

RECEIVED
FEB 16 1938

STATE DEPT OF GEOLOGY
& MINERAL INDS.

State Department of Geology and
Mineral Industries.
704 Lewis Building.
Portland, Oregon.

Gentlemen:

In reply to your letter of inquiry regarding the cobalt sample, and name of person holding these claims, This man is J. W. Crew of Canyon City, Oregon, he is now operating the Miller Mountain Mine, south of Canyon City, but is interested in other properties, and I am sure you can rely on Mr. Crew's statements, regarding the cobalt, he was at our home, and I happened to mention your inquiry regarding the cobalt at the Standard Mine, and he remarked that he had property that would produce more cobalt and better than the Standard, so that is why I mentioned this to you.

I have turned your last letter over to Mr. Crew for answer, and I am sure you will not be disappointed in him, if you should make a deal with him in any way.

If I may be of further service in this matter, I shall be glad to do so.

Yours very truly.

Bessie J. StMarie

County Clerk

February 11, 1938

Bessie P. St Marie
County Clerk
Canyon City, Oregon

Dear Madam:

We wish to thank you for your having Mr. Kilpatrick furnish the desired information upon the Standard Mine and also your letter received this morning concerning another property containing cobalt together with a small fragment of cobalt ore.

We would be very glad to have you furnish us the name and address of the person holding this claim together with as full a description of the location of his property, the amount of development, the width of vein, what percentage of cobalt mineral there is in the vein, and other facts which might be of interest to persons seeking cobalt deposits.

Very truly yours,

STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES

AMS:vm

A. M. Swartley
Consulting Mining Engineer

St Marie

OFFICE OF
CLERK OF GRANT COUNTY

CANYON CITY, OREGON

February 9, 1938.

RECEIVED
FEB 10 1938
STATE DEPT OF GEOLOGY
& MINERAL IND.

State Department of Geology
and Mineral Industries.
704 Lewis Building.
Portland, Oregon

Gentlemen:

Attention; A.M. Swartley.
Consulting Mining Engineer.

I am now making reply to your reply regarding a mine in Grant County, Ore. which produced cobalt, I knew of the Standard Mine, but Mr. Kilpatrick, was the attorney for the Standard Mine Company and I believe he could give you the desired information.

I am inclosing a sample of cobalt, which did not come from the Standard Mine, and if this little sample would interest your people, I can give you the name of a person who is holding this claim, and can give you full details of this mine, As I understand this claim produces ore that runs high in value of cobalt.

If this is of any interest to you or your people, I shall be pleased to give you more information.

Yours very truly.

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FEB 11 1938

STATE DEPT OF GEOLOGY
& MINERAL IND.

Ressie P. St Marie

County Clerk

Moorman Manufacturing Company

IN BUSINESS SINCE 1885

Quincy · Illinois

February 8, 1938.

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FEB 23 1938STATE DEPT OF GEOLOGY
& MINERAL INDS.

State Dept. of Geology & Mineral Industries,
704 Lewis Building,
Portland, Oregon.

Gentlemen:

We thank you for your letter of February 5th
regarding the Cobalt mine in eastern Oregon.

Your cooperation and assistance in this matter
is greatly appreciated.

Yours very truly,
MOORMAN MFG. CO.

By: *E. Stewart*

EMS:cw

RECEIVED
FEB 11 1938STATE DEPT OF GEOLOGY
& MINERAL INDS.

February 5, 1938

Moorman Manufacturing Company
Quincy, Illinois

Attention: E. M. Stewart

Dear Sir:

We have just received the name and address of the owner of the Standard Mine in eastern Oregon, which mine contains cobalt in its ores, and we are forwarding it to you promptly.

Our letter to the County Clerk of Grant County, Oregon, was answered by Mr. Roy Kilpatrick, Lawyer, Canyon City, Oregon. The following is his statement:

"Your letter of January 29th, to the County Clerk relative to the Standard Mine, has been referred to me.

"Title to the Standard Mine is held in trust by the Mercantile Commerce Bank and Trust Company, of St. Louis, for various charities. J. A. McCarthy, Associate Trust Officer, is entirely familiar with this property and I happen to handle the Grant County end of it for them, and I am sure that either Mr. McCarthy or myself will be glad to furnish you with any additional information that you may desire at any time."

We trust this information will be of some assistance to you.

Yours very truly,

STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES

AMS:vm

A. M. Swartley
Consulting Mining Engineer

ROY KILPATRICK

LAWYER
CANYON CITY, OREGON

February 1, 1938.

Mr. A. M. Swartley,
Consulting Mining Engineer,
704 Lewis Building,
Portland, Oregon.

Dear Sir:

Your letter of January 29th, to the County Clerk relative to the Standard Mine, has been referred to me.

Title to the Standard Mine is held in trust by the Mercantile Commerce Bank and Trust Company, of Saint Louis, for various charities. J. A. McCarthy, Associate Trust Officer, is entirely familiar with this property and I happen to handle the Grant County end of it for them, and I am sure that either Mr. McCarthy or myself will be glad to furnish you with any additional information that you may desire at any time.

Very truly yours,

Roy Kilpatrick
B. G.

RK:BA

January 29, 1938

County Clerk
Grant County
Canyon City, Oregon

Dear Sir:

A large manufacturer of mineral feeds in the East is desirous of securing a good source of supply of cobalt, to be used in their products. There is a mine in Grant County in Section 12, T. 12 S., R. 33 E., commonly called the Standard Copper Mine, which contains cobalt in its ores.

Will you be kind enough to furnish us with the name of the owner or owners so that we may supply the name and address to this inquirer?

Thanking ^{you} for this information, we wish to remain

Very truly yours,

STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES

AMS:vn

A. M. Swartley
Consulting Mining Engineer

January 24, 1938

Mr. George Schumacher
Beagle, Oregon

Dear Mr. Schumacher:

We have an inquiry from the Moorman Manufacturing Company, Quincy, Illinois, regarding the availability of cobalt minerals. This company desires a good source of supply of cobalt, and it occurred to me that with your knowledge of deposits in Jackson County you might be willing to take the matter up with these people.

We are trying to locate also the owners of the mine in eastern Oregon which has some cobalt in the ores.

With best wishes, I am

Very truly yours,

EKN:vm

Director

C.c.: Moorman Manufacturing Company

Moorman Manufacturing Company

IN BUSINESS SINCE 1885

Quincy · Illinois

January 7, 1938.

RECEIVED
JAN 10 1938
STATE DEPT. OF GEOLOGY
& MINERAL INDUS.

Mr. Earl K. Nixon, Director,
State Dept. of Geology and Mineral Industries,
704 Lewis Bldg.,
Portland, Oregon.

Dear Sir:

We have been advised by Mr. Snell, Secretary of State, that there are some Cobalt minerals in Grant County but the owners' names are not available.

We are large manufacturers of mineral feeds for livestock and are interested in securing a good source of supply of cobalt to be used for its nutritional value in our products.

If you can secure additional information regarding these prospects, we will appreciate it if you will advise us.

We thank you for your cooperation in this matter.

Yours very truly,
MOORMAN MFG. CO.

By: *J. Stewart*

EMS: cw

*Request you write
Co. check for prospect
of this mine in Grant Co.*

Stewart