STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
702 WOODLARK BUILDING
PORTLAND 5, OREGON

June 4, 1954

Mr. F. W. Libbey
1069 State Office Building
Portland 1, Oregon

Dear Mr. Libbey:

In answer to your letter of June 2 regarding Dave's supplemental report on the Whiskey Peak manganese localities, Mrs. Sims has re-typed the last page making corrections on the Bureau of Mines assay results. Dave obtained the results over the phone and apparently didn't record them correctly. I copied them from the original assay reports. The results still are not nearly as compatable as they should be.

The only explanation either Dave or Appling can give is that Long's results were inaccurate. Dick said he questioned Long's results when seeing the 44.9% Mn assay on partially oxidized rhodonite from Low Gap No. 4 claim. This is quite a bit higher than he expected on such a sample. He said Long offered no explanation when questioned. If you wish, I can try to contact Long and inquire if there might have been some error in calculation.

Sincerely,

Len

LR:ams
encl.

Len

STATE DEPARTMENT OF GEOLOGY AND
MINERAL INDUSTRIES
702 WOODLARK BUILDING
PORTLAND 5, OREGON

January 16, 1950

Mr. Clair W. Burch
Newport
Oregon

Dear Mr. Burch:

The sample which you submitted to this office for assay for gold and manganese, and the results of which have been sent to you, was a sample of magnetite (magnetic iron oxide) with many minor veins of rhodonite (manganese silicate) running through it.

There is no present demand for the silicate of manganese and it is not considered an ore for the obtaining of metallic manganese. However, this Department is interested in learning more about this deposit, providing it has any areal extent; that is - How large is it? Is it a vein or is it disseminated throughout a fairly wide area? If indications are that a considerable tonnage is indicated, further work might be in order. If it is just a small vein, the chances are it has no value.

Sincerely yours,

H. M. Dole
Geologist

HMD:lk
Encl.

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WESTERN UNION

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W. P. MARSHALL, PRESIDENT

INTERNATIONAL SERVICE

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			Oregon State Dept. Geology & Min. Ind. 702 Woodlark Bldg.	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

Confirmation

JULY 19, 1950

MR. HAROLD D. WOLFE
STATE ASSAY LABORATORY
717 EAST "H" STREET
GRANTS PASS, OREGON

REURLETTER MANGANESE EXAMINATION SECTION 11, TOWNSHIP 41 SOUTH, RANGE 5 WEST. HAVE TREASHER REPORT OF RHODOCHROSITE IN SECTION 3 SAME TOWNSHIP FORMERLY OWNED C. H. DAVIS, 608 SOUTH OAKDALE, MEDFORD. TREASHER RECOMMENDED EXAMINATION BE MADE BUT WE NEVER GOT TO IT. ADVISE IF POSSIBLE YOU COMBINE EXAMINATIONS IN SECTION 3 AND SECTION 11.

F. W. LIBBEY

COPY

Newport, Oregon
January 21, 1950

Mr. H. M. Dole
702 Woodlark Building
Portland 5, Oregon

Dear Sir:

In reference to your letter that you sent, I will strive to tell you all the information that I know about the manganese deposit.

I know rhodonite is not considered an ore for obtaining manganese. I believe it has too much silica to be of any value as an ore, unless mixed with purer ores. Of course this ore may be needed some day and a way may be found to obtain the manganese. Most of the manganese is shipped in from foreign countries cheaper than it can be mined here.

I traced this vein for over one half mile and it was still running northwest. There seemed to be a fault and this ore was distributed on both sides. I do not know how wide it was or how deep. I discovered this ledge by a piece of float on the trail in 1933. I went up to this proposition in 1942 with my brother and he took some of the samples near the trail which he had the ore spectrographed. This analysis is what I sent with the samples. The samples that I sent you I took about a half of a mile from the ore my brother had spectrographed: hence no gold in your assay. The spectrograph is an exact analysis of any substance.

By the way, how does one figure how many ounces or pounds in the analysis to the ton. Say the gold goes from .01% to .1%. How many ounces to the ton and amount in dollars. I figured around $88 to $420. I believe I have figured wrong.

Now back to the vein of manganese. The vein at the trail seemed to be around 10 feet wide, then I didn't uncover the whole vein. The vein one half mile from this place seemed to be about two or three feet wide and serpentine is very close. This terrain seems to be quite a contact zone and there should be something of great value if one could find it. There should be many tons of manganese in the half mile.

This proposition is about 3 miles south of Browntown which was worked around 1851 and was a placer. I guess you have heard of this place.

Would you like to make a trip up into this country to look over the manganese vein? I would go half on everything and I truly believe it is a good prospect. I would like to talk this over with you if you would be interested. Maybe on your vacation you could go.

How much is gallium worth an ounce? I have a spectrographic analysis that shows .01%. Probably not enough.

Well will close and will drop up to the office sometime in near future. I have a few rocks that I would like to have someone look at as I am not too good at petrology.

Is the office in Portland open Saturday mornings?

Yours sincerely,

(Signed) Clair W. Burch

Newport, Ore.
July 5, 1950

Mr. H. D. Wolfe
714 East "H" St.
Grants Pass, Ore.

Dear Mr. Wolfe,

I have leave from my work July 15 which will be on a Saturday. As you remember I wrote you a letter asking if you would go up into the mountains to look at my manganese property. I would like to hike up there and expose more of the out-cropping before you come up to see it. Would it be

all right with you to go up to the proposition on July 20 or 21st. Would it be possible to be up there the night before so we could get an early start, as it is about an 8 mile hike up there and 8 back.

Steves Fork of Carberry Creek is about 35 miles from Grants Pass. This is where we hike from.

I will leave here at day light Saturday the 15th as I want to arrive in Grants Pass before noon as we could talk it over better than by letter. In case I have car trouble and dont get there by noon I may have to look you up.

It will be a nice trip and I know you will enjoy it and you will see some new country.

Will close, and hope to hear from you soon.

Sincerely,
Clair W. Burch

P.S. I have been contemplating on buying a small geiger counter called the "claimstaker". It weighs 1½ lbs and is 1¾" x 4" x 6". It is sold by Archie H. Smith's Fluorescent shop of Portland. Do you know anything about this geiger counter? Do you think it would be satisfactory?

STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES
702 WOODLARK BUILDING
PORTLAND 5, OREGON

January 24, 1950

Mr. Harold D. Wolfe
State Assay Laboratory
Grants Pass, Oregon

Dear Harold:

Mr. Clair W. Burch, Newport, Oregon submitted a sample (P-9548) to this office to assay for gold and manganese. The rock turned out to be magnetite with disseminated (in small veinlets) rhodonite.

Analysis of the rock gave the following: gold - nil, manganese (Mn) - 15.23%, iron (Fe) - 36.40%, silica (SiO_2) - 16.52%. Converting the iron to magnetite (Fe_3O_4) gives a percentage of 50.23. In the same manner, converting the silica to manganese silicate gives 36.52%. This accounts for all of the manganese except 0.26%; evidently then the manganese occurs only as the silicate within the sample.

Spectrographic analysis showed aluminum only as the mineral in the 1 to 10% range; greater than 10% showed iron, manganese, and silicon; all other minerals appeared below the 1% range. Nickel was extremely low; there was no cobalt.

I have asked Hoagy to run for minerals of the platinum group but do not expect to find any. If they show up I will notify you. NO Pt

I am enclosing a copy of the letter I wrote to Mr. Burch.

All of this is for your own information only.

Sincerely,

Dole

H. M. Dole
Geologist

HMD:lk
Enclosure

what's new along the family line?

STATE DEPARTMENT OF GEOLOGY AND
MINERAL INDUSTRIES
702 WOODLARK BUILDING
PORTLAND 5, OREGON

January 25, 1950

Mr. Clair W. Burch
Newport, Oregon

Dear Mr. Burch:

Thank you for your letter of January 21 in regards to the location of sample No. P-9548.

Perhaps sometime next summer a representative of this Department can visit your property with you. I suggest you fill out the enclosed blank and send to Mr. Harold Wolfe, field geologist, in our Grants Pass office. When the area is accessible and it is convenient for you to go in, contact Mr. Wolfe and arrange for a visiting date that will be mutually agreeable to both of you. I suggest you contact Mr. Wolfe at least two weeks in advance as his summer field work keeps his schedule filled.

I am sending a copy of this letter and all other correspondence to Mr. Wolfe so that he will be acquainted with these arrangements.

In regards to your questions:

The spectrograph shows the presence or absence of most of the elements but it is not very reliable (in regards to percentages) with the precious elements. The best way to find the value per ton of gold in an ore is by fire assaying. It is much more accurate than the spectrograph. I suggest you have your gold ore assayed.

The price of gallium is given as $3 per gram in the U.S. Bureau of Mines Minerals Yearbook Preprints for 1947. However, the various companies which produced it last year are on a very limited production schedule due to lack of market. The recovery of gallium is a very difficult one and is usually accomplished as a by-product of the smelting of lead-zinc ores and from aluminum ores. It is doubtful if material could be worked for the gallium content only.

The Portland office is open Saturday mornings but with a limited staff only.

Thank you again for your letter and I hope that you and Mr. Wolfe will be able to arrange a date for visiting your property next summer.

Sincerely,

H. M. Dole
Geologist

HMD:lk
c.c. - Mr. Harold Wolfe
Enc.

STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES
702 WOODLARK BUILDING
PORTLAND 5, OREGON

December 7, 1950

Mr. David White
702 Woodlark Bldg.
Portland 5, Oregon

Dear Dave:

In regard to the Whiskey Peak manganese prospects -- I did not take any notes on the properties which you visited. I noted that they were the ones listed in your notes so spent very little time there. On the Larkspur claim I found iron-manganese float to the N E from the saddle for an estimated 100' or so and to the S W possibly 300' or more is a manganese outcrop apparently on the same general zone. At no point could I get much of an idea as to the width but judged from the float that there was a narrow zone 1 - 2 feet wide of the heavy iron-manganese and then probably several feet of quartzite which was stained black but probably contains a negligible percentage of manganese. This is the way it appeared to me but there is no development work whatsoever to get any definite info. on it.

Virtually everything in my field notes on the Whiskey Peak trip have been included in the two reports which you have. My notes were very short (in part just notations of the map) in order to visit all of the prospects and make it out before dark.

This is rather meager info. but hope that it helps some.

Sincerely yours,

Harold

H. D. Wolfe

HDW:ml

Newport, Oregon
Feb 14, 1950

Dear Sir,

Mr. H. M. Dole from Portland office suggested I get in touch with you about going up to see the manganese vein.

I will have my vacation the middle of July so if we could get together on this proposition I would surely like you to go up and look the prospect over with me.

I understand special research problems for individuals which may result in benefits of general good to the State economy or welfare the price is subject to negotiation. So what do you figure it would cost me? If we leave at daylight we can make the trip in one day as it is about 8 miles up to the proposition from end of road.

I believe Mr. Dole acquainted you with the facts also.

I have been in to talk to you a couple of times and believe you remember me.

Thanking you very much

Sincerely,

Clair W. Busch