

State Department of Geology and Mineral Industries

Confidential

1069 State Office Building
Portland 1, Oregon

Letter from Goldsmith 10/3/55

Northwest Perlite Corporation Claims Near Sheaville, Oregon

Secs. 24 & 25, T. 28 S., R. 46 E. and
Secs. 19 & 30, T. 28 S., R. 47 E.W.M.
Malheur County, Oregon

Diamond drilling June and July 1954 by Nichols & Thompson Core
Drilling Company, Inc., Boise, Idaho.

Cores logged in Kenneth Poorman warehouse 9/15/55 by H.G.S.

Claims: Red Opal
Hole: No. 1

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	26'	26'	Light gray pumiceous material containing 20% glassy perlite. Material is expanded and light weight.
26'	45'	19'	Gray perlite with few thin light-colored fracture seams.
45'	53'	8'	Like 0' to 26'.

Claim: Blue Pearl
Hole 1 No. 2

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	1' 4"	1' 4"	Obsidian and perlite with 30% rhyolite.
1' 4"	6'	4' 8"	Light colored pumice containing fragments of gray perlite.
6'	13'	7'	5" layer of dense rhyolite and rhyolitic pumice with small amounts of perlite.
13'	38'	25'	Pumiceous material with over 50% perlite. Light weight.
38'	47'	9'	Pumiceous seams in gray perlite. Perlite ratio increasing with depth.
47'	52'	5'	Dark gray perlite with few seams of pumice and clay.

Claim: Red Opal
Hole: No. 3

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	13'	13'	Pumice and clay with minor percentage of glassy perlite.
13'	26'	13'	Bentonite clay.

Claim: Black Beauty
Hole : No. 4

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	13'	13'	Light-colored bentonitic ash with opal seams near 13' level.
13'	14.5'	1.5'	White, light weight pumice with small veins of perlite.
14.5'	20'	5.5'	Light-colored pumice containing about 15% perlite.

Claim: Speedway
Hole 1 No. 5

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	8'	8'	Dark gray perlite with few thin white ashy seams.
8'	10'	2'	Gray to light gray perlite with minor quantities of pumice.
10'	12'	2'	Very friable light-colored ashy perlite.
12'	15'	3'	Gray brecciated perlite in pumiceous material. Perlite over 50%.
15'	18'	3'	Light-colored ashy perlite with bentonite seams. About 50% ashy perlite.
18'	23'	5'	Bentonite clay.

Claim: Speedway
Hole: No. 6

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	3'	3'	Light gray ashy perlite with two 6" seams of bentonitic clay.
3'	27'	24'	Light gray pumiceous perlite with 1"+ fragments of glassy perlite making about 20% of total.
27'	42'	15'	Light gray pumiceous perlite with perlite fragments making up 50% of the total.

Claim: Speedway
Hole: No. 7

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	11'	11'	Bentonite clay.
11'	14.6'	3.6'	Light gray perlitic pumice. Light weight.
14.6'	15.6'	1'	Dark gray perlite with few small seams of ashy material.
15.6'	23'	7.4'	Dark gray perlite and clay in alternating layers of about 1 ft. thickness.
23'	28'	5'	White ashy clay.

Claim: Speedway
Hole No. 8

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	3'	3'	Light brown weathered basalt. Partly vesicular.
8'	13'	5'	Gray unweathered basalt. Partly vesicular.
13'	18'	5'	Black basaltic clay with layers of basalt breccia.

Claim: Plume Agate
Hole : No. 9

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	1.5'	1.5'	White ashy material enclosing 3" diameter fragments of dark gray perlite. Noted one red stony spherulite 3/4" diameter.
1.5'	2.5'	1'	Dense rhyolite.
2.5'	9'	6.5'	Rhyolite Breccia
9'	12'	3'	Ash and white bentonite clay containing fragments of perlite. Perlite makes 50% total.
12'	14'	2'	Rhyolite (dense).
14'	21'	7'	Rhyolite Breccia with bentonitic clay in seams and pockets.

Claim: Green Opal
Hole : No. 10

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	17'	17'	White to gray bentonitic clay and ash.

Claim: Blue Pearl
Hole: No. 11

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	17'	17'	Bentonitic clay and pumice.
17'	18'	1'	Dark gray perlite with 6" thick white clay seams.
18'	20'	2'	Brecciated perlite ranging from light gray color at 18' to dark gray and dense at 20'.
20'	23'	3'	Gray perlite breccia with some ash.

Claim: Black Beauty
Hole : No. 12

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	17'	17'	Light gray friable pumiceous perlite with some darker fragments of glassy perlite.
17'	33'	16'	Gray to dark gray perlite with thin white seams of bentonite.
33'	38'	5'	As 17 to 33 but containing stony spherulites of $\frac{1}{2}$ to 1' diameter. Sparse at first but increasing towards the bottom of the hole where it makes up about 15% of the total.

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20'	23'	3'	Gray perlite breccia with same ash.

Claim: Black Beauty
Hole : No. 12

<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Core Description</u>
0'	17'	17'	Light gray friable pumiceous perlite with some darker fragments of glassy perlite.
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COPY

SHEAVILLE PERLITE

MALHEUR

July 15, 1954

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

Dear Fay:

The driller had left the Sheaville perlite property the day before I got there, but one of the stockholders (Mr. A. C. Winsky) was on the property at the time of my visit.

Winsky didn't seem to know too all-fired much about what had gone on nor did he exhibit any great excess of enthusiasm over my visit. In fact I strongly suspect him to rate as a somewhat disgruntled shareholder judging from some few guarded remarks he made. Anyway he was cordial enough to take me to a few of the test hole sites and to show me around after a fashion.

From my observations they drilled at least 12 holes if not more as one of the drill sites I saw was marked by an identification stake indicating it was No. 12. According to Winsky many of the holes were shallow (less than 25 feet) but there were two which he said showed perlite somewhat in excess of 50 feet. His general feeling seemed to be that there was a great body of perlite underlying the area, but as far as I could see most of the test drill sites were situated on natural exposures or adjacent to dozer exposures with few, if any holes located in between in areas where there were obvious indications that the underlying rock might be a stoney rhyolite. In other words I feel that a very considerable amount of test work remains to be done before one can safely conclude that the surface is underlain by a single continuous sheet of perlite. In fact, I strongly suspect that the two 50 foot holes may have been sunk down the body of a dike judging from the manner of distribution of nearby outcrops of stoney rhyolite.

Winsky was unable to give me any statement concerning any pending development, but since Mr. Poorman will doubtless bring copies of the drill logs into show you, you will be in a position to obtain from him such additional information concerning future plans as you may wish for whatever Ore.-Bin announcement you may plan to make. Attached is a copy of my letter to Mr. Poorman.

Sincerely,

Wag

NSW:mb
copy to R. S. Mason

COPY

July 15, 1954

Mr. John M. Poorman, Director
Northwest Perlite Corporation
313 Pacific Building
Portland 4, Oregon

Dear Mr. Poorman:

This is to acknowledge receipt of your recent letter and to thank you for calling your Sheaville drilling program to my attention.

Whereas your letter probably arrived at my office on the 3rd I didn't see it till the 5th as I was in the field on a special mapping project over the week end and didn't return to my office till the 5th. As is I went to Sheaville to visit the operation on Monday the 12th only to find that the drillers had completed their work and pulled out their equipment the previous day. I did, however, meet a Mr. A. C. Winsky on the property, and together with Mr. Winsky who introduced himself as one of your company's stockholders, looked over some of the drill sites briefly. Mr. Winsky was able to describe the findings made in several of the holes, but it was nevertheless a matter of considerable disappointment to me to have missed the drillers and been unable accordingly to benefit from their full experience.

Since my inspection of the property was necessarily superficial there are no observations of much significance which I can report back to you. This I regret and I am sure that both Mr. Libbey and Mr. Mason will likewise be disappointed to learn of the turn of events. I therefore feel that they will greatly appreciate further word from you concerning the details which I am unable to provide. For that matter, I too will be interested in learning more particulars relative to the outcome of the project.

Yours very truly,

N. S. Wagner
Geologist

NSW:mb
copies to: Mr. Libbey
Mr. Mason