

May 17, 1994

Mr. Lee Meyer
World Organics, Inc.
P. O. Box 1408
Jacksonville, OR 97530

Grants Pass Field Office

RE: Foster Creek Soil Amendment


Dear Mr. Meyer:

I have examined unmounted samples of OR-GRO soil amendment using a binocular microscope up to 40X. The material consists of a subordinant proportion of fine-grained (<0.5 mm) magnetite and pyrite, and coarse-grained (up to 2 mm), rounded microcrystalline quartz fragments residing in a light gray to white matrix of clay minerals.

The rock has undergone intense hydrothermal alteration rendering most of the original minerals to clay. The occurrence of pyrite indicates the insertion of hydrothermal fluids. The magnetite is often pitted and appears to occur in domains separate from the pyrite, indicating a disequilibrium mineral assemblage often found in shallow (epithermal) hydrothermal systems. The alteration mineral assemblage is characteristic of other epithermal systems found in volcanic rocks of the Western Cascades.

The original rock was probably a dacite based upon the observed mineral assemblage, however, whether the rock was originally emplaced as a tuff or a porphyry is uncertain. The major oxide analyses you submitted are consistent with chemical analyses for dacite (i.e., $\text{SiO}_2 > 62$ percent).

Sincerely,



Frank R. Hladky
Resident Geologist

HMey517.L94

✓ c: file



5375 Monument Drive
Grants Pass, OR 97526
(503) 476-2496



STATE OF OREGON

INTEROFFICE MEMO

TO: FILE

DATE: October 8, 1990

FROM: Tom Wiley

SUBJECT: "Sulphate" Mine on Foster Creek (sulphide in kaolinite)
Umpqua District, Douglas County

Introduction

Wiley accompanied Gordon Lyda, Mineral Examiner for the U.S. Forest Service, to a "sulphate" prospect along Foster Creek on September 28, 1990.

Location

The mine is located along Foster Creek in T29S, R3E, near the boundary of Sections 13 and 14, Umpqua District, Douglas County. A bridge and short gravel road lead from the site to the main Forest Service road along Foster Creek.

Current Status

Has been active during 1990.

History

Mr. Lyda reports it has been worked for several years. A few tons are removed each year and sold as agricultural "sulphate" in the Klamath Falls area. The operation is small enough that it has not required an MLR permit.

The Cove sulphur prospect is located two miles to the northwest, in Sections 2, 3, 10, and 11. This sulphur prospect defines a southeasterly trend that nearly intersects the mine site on Foster Creek.

Regional Geology

The area is mapped as early Miocene (25-17 Ma) andesite and related rocks by Sherrod and Smith (1989). Several Tertiary (Quaternary?) intrusions occur nearby.

Local Geology

Rounded boulders of volcanic rock cover the deposit. Enclosing host rock was not observed.

Ore Bodies

Distribution of the "sulphate" was not ascertained in the field. Mr. Lyda quoted the owner as saying the ore extended some distance along the creek beyond the limits of the current workings.

Ore is massive to brecciated sulphate(?) or clay(?)^{kaolinite} with disseminated inclusions of euhedral pyrite and chalcopyrite to 2 mm.

Reserves

Unknown. ~~The disseminated sulphides in the sulphate~~ ^{kaolinite} may indicate that the deposit is the result of weathering and the sulphide content will increase with depth. Descriptions of blue clay enclosing disseminated sulphides and native sulphur at the Cove Sulphur Prospect to the northwest suggest the possibility of a very large resource in the area.

Equipment

A medium-sized trackhoe is the only equipment on the site.

Plan

Unknown.

References

Sherrod, D.R., and J.G. Smith, 1989, Preliminary map of upper Eocene to Holocene volcanic and related rocks of the Cascade Range, Oregon: U.S. Geological Survey Open-File Report 89-14.

Sample analysis

Ron Geitgey analyzed one sample that I collected and reports it is composed of kaolinite and sulphides. XRD qualitative analysis.
TJW 1/16/91

Used as a soil amendment on alfalfa fields near Klamath Falls, according to Len Ramp. Property being peddled by Ray Huckaba + Dave Valladigham. Barry Brown (741-1909) is potential investor.

FRH 1/17/91

STATE DEPARTMENT OF GEOLOGY AND
MINERAL INDUSTRIES

704 LEWIS BUILDING
PORTLAND, OREGON

October 19, 1938

Mr. F. B. Snyder
105 Oak Street
Hood River, Oregon

Dear Mr. Snyder:

I thought you would be interested in knowing that the mining engineer for the Freeport Sulphur Company was in this office yesterday on a trip through the western states looking for manganese deposits. I asked him particularly about sulphur deposits, and he said that they are not particularly interested in sulphur deposits because of the availability of this material much nearer to transportation than anything we might have in the Cascade Range or Oregon. I mentioned your proposition west of Crater Lake, and he said that they had had a man in that district a couple of years ago and he had turned the district down absolutely on account of transportation.

Whether, of course, this engineer examined the deposit which you control I do not know, but I thought the information would be of interest to you.

Very truly yours,

EKN:vm

Director

YAKIMA VALLEY SPRAY COMPANY

MANUFACTURERS, DISTRIBUTORS AND JOBBERS OF

INSECTICIDES

CHEMICALS - FERTILIZERS

Box 45-PHONE 8830

YAKIMA, WASHINGTON

March 14 '39

Sec. Mineral Society
Grants Pass Ore.,

Dear Sir;

Sometime ago it was brought to my attention that there was a Sulphur deposit near your city, on a so called "Rabbit Ear Mountain" and that the Secretary of the Mineral Society could give me the information about it that I desired.

Relative to this sulphur deposit, I have had a sample submitted to our Research Laboratories, and have found it to be of good enough grade that we are interested in the possibilities of mining it and shipping up here to Yakima where we have the equipment to handle it.

We are large users of sulphur and if a deal can be made for the mining and transportation of material that is somewhere near in purity, to the sample I have, we would be in a position to start use in carload lots just as soon as details could be straightened out to the mutual satisfaction of all concerned.

Please let me hear from you regarding this deposit, price, accessibility to roads, and all pertinent details, at your earliest convenience.

Sincerely Yours,



Research Chemist.

RESEARCH LABORATORIES of the
Yakima Valley Spray Co.

May 4, 1941

Mr. C. E. Higgins
Denver Equipment Company Representative
Railway Exchange Building
Seattle, Washington

Dear Mr. Higgins:

Regarding your inquiry of April 23, 1941:

The only sulfur deposit about which I have any information is the Last Chance Sulfur Mine, located in Secs. 2, 3, 10 and 11, Township 29 S. Range 3 E. in Douglas County, Oregon about 15 miles north and west of Crater Lake. This mine is owned by a Mr. Frank B. Snyder of 105 Oak Street, Hood River, Oregon and his associates. This information was obtained in October, 1938 and is authentic unless the property has changed hands since then. Incidentally, the native sulfur specimen which I gave you when you were in Grants Pass a while back is from this deposit.

I hope that the above information is some help to you and your friend. If we can pass on information that will lead to the development of a new industry, opening of a mine, etc. it will be just another feather in our cap and help to assure the Department of additional appropriations, longer life, etc..

My official title as shown on this letterhead is Assayer; however, I always sign it Analyst; just a bit more dignified way of saying the same thing. An Assayer usually does nothing but make gold and silver assays, while I do a large amount of wet work .

Sincerely yours,

Albert A. Lewis
Analyst

STATE DEPARTMENT OF GEOLOGY AND
MINERAL INDUSTRIES

704 LEWIS BUILDING
PORTLAND, OREGON

October 25, 1938

Mr. F. B. Snyder
Hood River, Oregon

Dear Mr. Snyder:

Thank you for your letter of October 8th in regard
to the sulphur property in the Grater Lake district.
I am forwarding this to Mr. Morrison at Grants Pass
for his information and use in connection with his
visit to the property.

Very truly yours,

COPY
EK-8

EKN:vm

Director

cc: Mr. J. E. Morrison. ✓

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION (30)

R. B. WHITE
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

SYMBOLS

DL = Day Letter
NM = Night Message
NL = Night Letter
LC = Deferred Cable
NLT = Cable Night Letter
Ship Radiogram

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination.

Received at **104 North Sixth Street, Grants Pass, Org,** ^{Always} _{Open}

PRZ99 9 XC=HOODRIVER ORG 15 212P

1938 OCT 15 PM 2 34

J E MORRISON =

ANSWER DATE

1115 M ✓

WAITING 8 AM MONDAY IN AND OUT ONE DAY =

F B SNYDER.

This telegram is in reply to one I sent him Oct 14 telling him if I would meet him Monday Oct 17. J.E.M.

STATE DEPARTMENT OF GEOLOGY AND
MINERAL INDUSTRIES

704 LEWIS BUILDING
PORTLAND, OREGON

October 8, 1938

Mr. F. B. Snyder,
Hood River,
Oregon.

Dear Mr. Snyder:

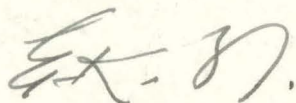
Mr. Swartley has told me about your visit with him in the office here in my absence.

I would like very much to visit this sulfur deposit personally, but have definite appointments for October 11th, 12th, 14th and 17th, which will probably make it impossible for me to go up there within the time you set. I gather that the weather conditions are apt to make it impossible to go in to the deposit after another two weeks. I think you had best write direct to Mr. J. E. Morrison, Mining Geologist, care State Assay Laboratory, Grants Pass, Oregon, and arrange with him to meet you or your representative at an agreed time, say at some village on the road between Medford and Crater Lake, or at whatever point is most satisfactory as a taking off point to the property.

We are interested to look into this sulfur business for the reason that I have known of it, by hearsay only, so am asking Mr. Morrison, who is extremely busy, to make a special effort to meet you and report on the conditions.

With best wishes, I am,

Cordially yours,



Earl K. Nixon, Director

EKN:fas
CC: Mr. J. E. Morrison, Grants Pass

*Needs doing
Badly. We want
to know about
this sulfur.
E.K.N.*

C
O
P
Y

September 29, 1941

Mr. Patrick Lynch
305 Grand Apartments
North Bend, Oregon

Dear Mr. Lynch:

We acknowledge receiving a sack containing native sulphur which we understand is taken from your mine located near Hole In The Ground, in the northeastern portion of Douglas County, Oregon. We shall complete an analysis of this sulphur in our laboratory, and also will try some of it in our sulphur burner at the acid plant, and, shall keep you advised of the results which we determine.

On August 20, 1941, a sample of sulphur which you brought us from this same location was tested on our laboratory, and showed the following results:

Sulphur	-	99.91%
Form Matter	-	0.09%

The sample which you left was of high purity, and we are now interested in testing a sufficient quantity of this sulphur under actual mill operating conditions.

Yours very truly,

COOS BAY PULP CORPORATION

C. Wylie Smith, Manager

CWS/o