

KROME ✓

THE CARBORUNDUM COMPANY

REG. U. S. PAT. OFF.

ABRASIVE AND REFRACTORY MATERIALS

NIAGARA FALLS, N.Y.

SAMUEL S. DIEMER
PURCHASING AGENT

June 28, 1943


State Department of Geology and
Mineral Industries,
702 Woodlark Building,
Portland, Oregon

Attention - Mr. F. W. Libbey,
Mining Engineer

Gentlemen:

Supplementing our Mr. Kirchner's letter of June 26th, we sent direct to the Krome Corporation, Marshfield, Oregon, on June 21st, our purchase order covering a 200 lb. sample of Zircon-Garnet Concentrates. Our order to Krome Corporation was accompanied by a letter explaining the preparation desired.

Yours very truly,


Purchasing Agent

SSD:DNB

RECEIVED
JUL 2 1943
STATE DEPT OF GEOLOGY
& MINERAL INDE.

THE CARBORUNDUM COMPANY

REG. U. S. PAT. OFF.

ABRASIVE AND REFRACTORY MATERIALS

NIAGARA FALLS, N.Y.

H. P. KIRCHNER
VICE PRESIDENT

June 26, 1943

State Department of Geology and
Mineral Industries,
702 Woodlark Building,
Portland, Oregon

Gentlemen: Attention - Mr. F. W. Libbey,
 Mining Engineer.

Your letter of May 26, 1943, has been referred to our various engineering groups and it is not apparent to us where the garnet-zircon product can be used commercially by us at this time.

However, in order that the material may be investigated first-hand, we have requested our Purchasing Department to order from you a 200 pound sample of the sized zircon-garnet fraction as a mixed product.

Yours very truly,

H.P. Kirchner

VICE PRESIDENT.

HPK:GS

RECEIVED
JUN 30 1943
STATE DEPT OF GEOLOGY
& MINERAL INDS.

THE CARBORUNDUM COMPANY

REG. U. S. PAT. OFF.

ABRASIVE AND REFRACTORY MATERIALS

NIAGARA FALLS, N.Y.

SAMUEL S. DIEMER
PURCHASING AGENT

June 2, 1943

State Department of Geology and
Mineral Industries,
702 Woodlark Building,
Portland, Oregon

Attention - Mr. F. W. Libbey


Gentlemen:

Acknowledging your letter of May 26th, I do not believe a garnet-zircon mixture would be of any use to us but I am passing your letter along to our Technical Department as they may have some suggestions to offer.

For sometime we have been obtaining our entire requirements of garnet from the Adirondack District of New York. We consider the Adirondack Garnet to have the best abrasive qualities.

I will be glad to pass along to you any comments I get from our Technical Department.

Yours very truly,


Purchasing Agent

SSD:DNB

RECEIVED
JUN 7 1943
STATE DEPT OF GEOLOGY
& MINERAL INDS.

May 26, 1943

The Carborundum Company
Niagara Falls
New York

Gentlemen:

The Krome Corporation, Marshfield, Oregon, is just getting into production of chromite concentrates from large "black sand" concentrations in the Oregon coastal region. In producing a relatively large quantity of chromite concentrates, this company will make a by-product of a sized mixture of garnet and zircon. A clean zircon fraction can be obtained, but the company's metallurgist informs us that it would be somewhat simpler for him to produce a mixed zircon-garnet fraction which would have potential value at least as an abrasive. Should it seem desirable for the company to produce clean garnet and zircon fractions separately, the zircon would be sold to the Government and the garnet would be marketed as an abrasive. The deciding factor as to their procedure will be the price they will be able to obtain for the mixed garnet-zircon product.

Mr. Patterson, metallurgist for the Krome Corporation, has informed us that he can produce up to seventy tons per day of the mixed product. The output for any particular size of such a product, say minus 100 mesh, would of course be much less. The company has enlisted our help to obtain a market for the by-products, and we would be glad to hear from you whether or not you are interested. We have some small-sized samples of the above-described fractions, but doubtless Mr. Patterson could send you larger sized samples of any particular sized product that you desire.

Yours sincerely,

F. W. Libbey
Mining Engineer

FWL:jr

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

January 8, 1943

Dr. H. G. Harrison,
State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Dear Dr. Harrison:

In reference to your letter of January 7th I do wish quantitative V_2O_5 analyses on the eleven samples sent to you.

For your information the samples marked K products 1, 2 and 3, contain approximately 32 to 35% iron, about 6 to 9% Cr_2O_3 , and about 20% TiO_2 . The KS products 1, 2, 3, 4, 5, and 6 combined are chrome products containing about 38% Cr_2O_3 , about 20% iron and less than 1% Titanium. The KSS products have approximately the same analyses as the KS products.

The cross belt #4 and cross belt tailings contain very little iron, chromium or titanium.

I trust this is the information you want.

With kindest regards, I am

Yours very truly,

KROME CORPORATION

By

RECEIVED
JAN 11 1943
STATE DEPT. OF GEOLOGY
& MINERAL INDS.

J. W. Patterson
J. W. Patterson
Metallurgist

File Cr_2O_3
30-35 6-9

JWP:IB
 TiO_2 (mat. B)
20

File - Cr_2O_3 - TiO_2 (mat. A)
20 38 21

K-1 - p1177
K-2 - p1178
K-3 - p1179

KS-1 - p1180
KS-2 - p1181
KS3456 - p1182
KSS - 1-5

January 7, 1943

Dr. J. W. Patterson
Krome Corporation
208 Hub Building
Marshfield, Oregon

Dear Dr. Patterson:

I have just received the eleven samples you sent for V_2O_5 analysis. Although I have not received a letter of instruction as yet, I assume you want these samples analyzed quantitatively for V_2O_5 and will proceed on that assumption. It would greatly facilitate my work and enable me to do more accurate work if you could give me a rough idea of the matrix material in which vanadium pentoxide is present. As you know, the quantitative results will vary somewhat depending upon the other elements present in the samples and for the most accurate work, I should divide the samples into groups and use different types of standards depending upon the matrix predominant in each group. In case you need this information without searching through your records, the samples you sent are as follows: North Test #2, K Product 1,2,3; North Test #2, Ks Product 1,2, and 3,4,5,6, combined; Kss #1-5; X Belt 1, 2; X Belt #3; X Belt #4; X Belt tailing (Zircon concentrate).

I have prepared standards which correspond to a chromite fraction and ilmenite fraction and a combined ilmenite-magnetite fraction and you may expect to receive analytical results on these samples to be sent you within the very near future.

With kindest regards, I am

Sincerely,

H. C. Harrison
Spectroscopist

HCH:ff

KROME CORPORATION
PORT ORFORD, OREGON

April 9, 1942

Mr. Earl K. Nixon,
State Department Of Geology And,
Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:

We are enclosing herewith form
PD-119 showing our purchases for the month of
March under order P-56.

Yours very truly,

KROME CORPORATION,

William S. Hall

W. S. Hall,

WSH-EJ

RECEIVED
APR 11 1942
STATE DEPT OF GEOLOGY
& MINERAL INDUSTRY

Krome Corp -
Zircon

Zone 5
June 30, 1943

Dr. J. W. Patterson
Krome Corporation
Marshfield, Oregon

Dear Pat:

Referring to the garnet or garnet-zircon fraction for which I have tried to find an outlet, as I told you in Marshfield, I wrote the Norton Company which referred me to Dr. N.E. Oglesby of Behr-Manning Corporation, Troy, New York. I have written Dr. Oglesby under date of June 4, but have had no reply. I also wrote the Carborundum Company which replied according to the enclosed copy of letter.

I realize how busy you are at present, but thought it best to keep you informed since it looks as if a request would come through from the Behr-Manning Corporation for a 200-pound sample of sized zircon-garnet material.

Sincerely yours,

F. W. Libbey
Mining Engineer

FWL:jr
Encl.

GA-1111
11-13-43

WAR PRODUCTION BOARD

WASHINGTON, D. C.
February 16, 1944

R

IN REPLY REFER TO:

Serial Number Unit
Resources Section
1416 Temporary "R"

RECEIVED
FEB 23 1944

STATE DEPT OF GEOLOGY
& MINERAL INDS.

REGISTERED

Krome Corporation
Room 208
Hub Building, Marshfield, Oregon
Gentlemen:

Serial Number ~~33-86~~ assigned to **Your Krome Mine**
located at **Marshfield, Oregon** has been cancelled for the
reasons checked below:

1. () On recommendation of the _____ Section.
2. (x) In accordance with advice from the Regional
Technical Adviser for your area.
3. () In accordance with advice from your State
Coordinator of Mines.
4. () In accordance with advice contained in your
letter of _____
5. () A serial number is not considered necessary, in
view of your delinquency in filing quota applications.
6. () Production is considered too small to justify
the need of a serial number.
7. (x) Your mine is reported as having been shut down.
If and when operations are resumed, you may apply for
reinstatement of this serial number.
8. () Mine is reported as abandoned.

Please return the certificate showing the above serial number
to this office, attention Serial Number Unit, Resources Section, Min-
ing Division, If there is any further question regarding this matter,
you may consult **Mr. A.M. Dixon**, Regional Technical Adviser for the
State of **Oregon**, located at **822 Sedell Building, Portland 4,**
Oregon.

Very truly yours,

A. S. Knoizen
Director, Mining Division
Administrator, Order P-56



*cc: A. M. Dixon
E. K. Knoizen*



KROME CORPORATION

~~PORT ORFORD, OREGON~~

RECEIVED
APR 17 1942

April 16, 1942

STATE DEPT OF GEOLOGY
& MINERAL INDS.

Mr. Earl K. Nixon,
State Department Of Geology & Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Re: Serial No. 33-56

Dear Sir:

This is to advise you that we have
moved our office from Port Orford to Room 208, Hub
Building, Marshfield.

Yours very truly,

KROME CORPORATION,

William S. Hall

W. S. Hall.

WSH-EL

C-WF



April 6, 1942

Mr. William S. Hall
Krome Corporation
Port Orford, Oregon

Dear Mr. Hall:

Receipt is acknowledged of your letter dated April 3 with enclosure of purchase order and requesting copies of Form PD-119 for the purpose of making monthly reports to this office in conforming to Order P-56.

We are enclosing copy of Form PD-119 which we have typed from one sent us. We requested additional supplies, but the Administrator, Mining Branch, War Production Board, Washington, D.C., informed us that additional copies were not available and that mine operators had been directed to use a copy sent them when they received their serial number and to use that copy as a sample for reproduction in order to make monthly reports to this office.

As you probably were informed, the Administrator has ruled that monthly reports of rated purchases made should be in this office by the tenth of the following month. Form PD-119 should always be used even though no rated purchases were made. In the latter case, the form should be used and the statement made that "no rated purchases were made during the month of _____".

Copies of purchase orders should not be filed with this office; it is necessary only to report on Form PD-119 quantities and classes of materials delivered which required a priorities rating. I am returning herewith your copy of purchase order and suggest that you file a regular report according to the enclosed Form PD-119 of rated purchases made during the month of March.

If the above is not clear or if we can be of any assistance to you, please feel free to call upon us.

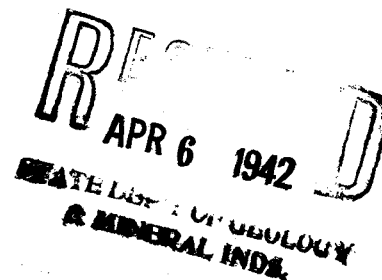
Very truly yours,

Earl K. Nixon
Oregon Emergency Coordinator of Mines

PWL:EKH:jr

KROME CORPORATION
PORT ORFORD, OREGON

April 3, 1942



Mr. Earl K. Nixon, Director,
State Department Of Geology And,
Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:

This Company has been assigned serial number 33-56 under rating order number P-56. We are enclosing herewith a copy of the only purchase order issued during the month of March on which a rating was extended under this order.

We understand that it is necessary for us to file with you each month a report on form PD-119 showing purchases for the previous month on which a rating was extended under this order. Will you please send us a supply of these forms and also advise us if it is necessary for us to file with your department a copy of our purchase orders in addition to the information given on form PD-119.

Yours very truly,

KROME CORPORATION,

William S. Hall

W. S. Hall.

WSH-EL
ENC-1

August 17, 1943

8

Krome Corporation
Marshfield, Oregon

Attention Mr. Norton

Gentlemen:

Mr. Earl K. Nixon, Technical Consultant of the War Production Board, called this office to inquire about the plans for maintenance of the access road from your plant to the railroad siding.

This department has a special maintenance fund established to handle this work of approximately \$6,000 for a one-year period. It is expected that the State Highway Department will handle the maintenance. Work will include surface blading, cleaning of ditches and possibly the addition of small amounts of finer gravel.

Under this program it is believed that reasonable service can be provided for your operations.

Very truly yours,

W. H. LYNCH
District Engineer

CC - ✓ Earl K. Nixon
Fed. Aid

RECEIVED
AUG 18 1943
STATE DEPARTMENT OF GEOLOGY
& MINERAL INDS.

VI

10 April 1944

Mr. C. F. Corselius
c/o Washington Hotel
Washington, D.C.

Dear Mr. Corselius:

In checking over my accounts, I find that I am still out a matter of \$28.38, the difference between the amount advanced me and the amount of my expense on the trip to Washington for your account and at Senator Walsh's request during the last week of January.

As I resigned my job here and expect to move to California, I am trying to wind up odds and ends and would appreciate a check at your convenience.

Sincerely yours,

Director

EKM:jr
cc Krome Corp.

DEAM

*President
Krome Corp.*

7 February 1944

Mr. C. F. Corzelius
Hotel Washington
Washington, D. C.

Dear Mr. Corzelius:

Under separate cover I am sending you as agreed, a copy of Dr. Twenhofel's bulletin on the "Origin of the Black Sands of the Coast of Southwestern Oregon". In it you will find some neaty reading on the mode of deposition of offshore beds, and you will see what I was driving at in predicting that there might be a chance of hot spots in the present bays just beyond the area of wave action.

I am praying that the gods are kind on the outcome of your plant. Trust that you will wire me as soon as the answer is known. My regards to Bill Hall and the Judge, and say to the latter that I hope he is still behaving himself.

Sincerely yours,

Director

EKN:ff

100

KROME CORPORATION

208 HUB BUILDING
MARSHFIELD, OREGON

February 5, 1944

RECEIVED
FEB 7 1944

STATE DEPT OF GEOLOGY
& MINERAL INDS.

Mr. Earl K. Nixon,
State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, 5, Oregon.

Dear Sir:

At the request of the President of our company,
Mr. C. F. Corzelius, we enclose herewith our
check in the amount of \$300, which we presume
is to cover your travel expense on your recent
trip to Washington, made at our request.

Very truly yours,

KROME CORPORATION

By



S. W. Norton

SWN:IB
Enc.

Charles Reed

U

Krome Corp

KROME CORPORATION
Marshfield, Oregon

File

Hotel Washington
Washington, D. C.

January 26, 1944

War Production Board
Steel Division
Chrome Section
Washington, D. C.

Gentlemen:

The essence of the following proposal is that the Defense Plant Corporation take over and maintain in standby condition an important war mineral unit of operation as the War Production Board evidently intended. Details of the proposal follow:

BRIEF HISTORY OF OPERATION

In December 1941, we advised the Office of Production Management of the successful results of an investigation we had carried on for approximately eight months to determine the feasibility of producing an acceptable chrome product from the so-called black sands of Southwestern Oregon.

At the urgent request of the War Production Board we immediately acquired ore lands and undertook the designing, construction and ordering of equipment required for a 1,000-ton plant.

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When further exploration of the ore body indicated reserves of major importance, we increased the capacity of the plant from 1,000 to 2,000 long dry tons daily.

Our agreement to increase the size of the plant from 1,000 to 2,000 tons per day was made with the constant encouragement of the War Production Board to increase our capacity, and in the light of the willingness of the War Production Board to arrange for an increase in the amount of our chrome contract and the further purchase by the Metals Reserve Company of \$600,000 worth of by-product Zircon.

War conditions caused the costs of this plant, as in the case of most war plants, to be higher than estimated. At the request of the War Production Board, the Defense Plant Corporation completed the Separator unit of the operation and Krome Corporation completed the Concentrator unit.

Operation of both units was begun in the spring of 1943 and, as necessary in all new operations, certain adjustments and additions to equipment were found to be necessary in order to obtain proper operating results. The Concentrator unit as now equipped, owned by Krome Corporation, is the installation required in any future primary concentration of these ores.

On November 16, 1943, after we had delivered only 36,000 out of 240,000 tons contracted for by the Metals Reserve Company, the purchase contract was cancelled at your request.

11-11-44

The cancellation of the contract forces us to liquidate the Concentrator unit of the operation.

SUGGESTED ACTION

In order that the Government may have a complete standby operation, which it will not otherwise have, we request that the War Production Board arrange with the Defense Plant Corporation to purchase this unit from us at our unrecovered cost as reflected in the attached statement. In support of this request we submit:

REASONS WHY ACTION IS JUSTIFIED

1. It appears that it is your policy to maintain plants formerly regarded as critical in the war effort in a standby condition. In order to fulfill such policy on this operation it is necessary for you to maintain both units in a standby condition. The war emergency will not even diminish until the invasion of Europe has been proved to be successful and, until that time, it is presumed that the National security requires that war mineral operations formerly regarded as critical be maintained in a standby status.
2. The manpower and materials have already been expended on the entire operation so that no such expenditure would be required in the event it is necessary to reopen the operation.

3. We have approximately 1,000,000 tons of ore blocked out, with 506,000 tons already stripped and ready to mine. An even larger tonnage of reserve ore is definitely indicated in the immediate vicinity of the plant; therefore, this operation, if kept in complete standby status, will include a substantial domestic reserve of chrome ready for immediate production.
4. The public opinion in Oregon, as expressed by its officials, is insistent that every effort be made to maintain this plant not only as a security measure in the war effort but also as a potential industry for the future, and to assist in bridging the unemployment gap between a war and a peace economy which will affect industry workers and returning soldiers alike.
5. The public officials of Oregon also feel that discrimination against their State would be plain if the presence of Government-owned standby chrome operations in Montana should cause the destruction of the Oregon industry.
6. To destroy this plant would not only destroy the possibilities of a future industry and the benefits

of employment but would likewise destroy, as an asset, the possibility of future State and County tax income, and it would virtually remove from classification, as such, the substantial ore reserves.

7. While it is clear that financial considerations are and should be secondary to National security, it remains that dismantling of the most important unit of the operation, to-wit: Krome Corporation's Primary Concentrator unit, would have the effect of seriously diminishing the potential value of -- and, therefore, the Government's financial stake in -- the operation. The outlay by the Government of \$603,000 for the Separator unit of the operation, and \$135,000 for the access road to Krome's Concentrator unit, would therefore largely be written off to loss.
8. Our proposal will permit at least a partial recovery of losses which would otherwise be sustained by the company and its creditors as a result of the war exigencies over which we had no control in spite of the fact that this investment on our part was made in good faith and at a time when the country was in dire peril for lack of raw materials.

11121AM

Prompt action on this proposal is imperative, as creditors are prepared to force immediate liquidation of the Krome Corporation's unit unless they are advised that this proposal is acceptable.

Respectfully yours,

KROME CORPORATION

By C. F. Corzélius
C. F. Corzélius
President

CFC/h

cc: Defense Plant Corp.

1211AM

5 February 1944

Mr. S. W. Norton
c/o Krome Corporation
208 Hub Building
Marshfield, Oregon

Dear Mr. Norton:

I spent part of last week in Washington, D. C. with Mr. Corseilus, assisting in the effort to have the primary plant of the Krome Corporation taken over by the Defense Plant Corporation and maintained in standby condition. Presumably, if the Government should do this, the laboratory and equipment would be "frozen".

We should know in a few days, I expect, the outcome of present negotiations, then we can decide what course to follow in the matter of bidding on apparatus.

Very truly yours,

Director

EKN:ff

100111

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

January 31, 1944

RECEIVED
FEB 1 1944
STATE DEPT OF GEOLOGY
& MINERAL INDS.

Mr. Earl K. Nixon, Director,
State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, 5, Oregon.

Dear Mr. Nixon:

We enclose herewith lists of our laboratory equipment and chemicals which will soon be available for sale. Offering of all items on these lists will be subject to prior sale. We have listed only new delivered costs to us as we have not had time to price individual items for sale, depending on condition. The grade of purity of many of the chemicals listed has to be identified yet and larger discounts will be placed on bottles of chemicals partly used.

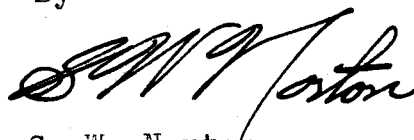
Discounts to cover freight included in the attached prices will be made, and the equipment will then be priced at or below permitted OPA ceiling percentage of new cost at source. We have in mind that you could return the lists to us, indicating the items you might be able to purchase. We will then send you our best possible pricing on those items. If you could find it advantageous to use most of the items listed we could logically allow a substantial overall discount on that account.

The condition of most of our equipment is good. Many items in the list are still very critical in supply. We believe that our pricing on the list will afford a true economy to you as well as provide prompt delivery on such items in the list as you use regularly. We shall be glad to hear from you and will give you our pricing on any items in the list which you indicate may be useful to you.

Very truly yours,

KROME CORPORATION

By



S. W. Norton

SWN: IB
Enc.

KROME CORPORATION

208 HUB BUILDING
MARSHFIELD, OREGON

January 3, 1944

Mr. Carl K. Nixon, Director,
State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, 5, Oregon.

Dear Sir:

We have your letter of December 30 which
requested a list of our laboratory equipment
which may be available.

We are now assembling such a list with pricings
which we shall hope to send to you in the next
few days.

Yours very truly,

KROME CORPORATION


By



S. W. Horton

SWN:JB

RECEIVED
JAN 4 1944
STATE DEPARTMENT OF GEOLOGY
& MINERAL INDS.



April 29, 1943

Dr. J. W. Patterson
Krome Corporation
208 Hub Building
Marshfield, Oregon

Dear Pat:

Please refer to your letter dated April 22 and concerned with the garnet and sircon production for possible abrasive use. Mr. Haley, the man who has been interested in getting samples and information of sources of supply has been sick and I have been unable to see him. The Western Industrial Supply here, with whom Haley has some connection told me yesterday that Haley would call on me within a couple of days. In the meantime, I shall see what I can do toward finding some other outlet.

With very best wishes.

Sincerely yours,

F. W. Libbey
Acting Director

FNL:ff

APR 30 1943

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

April 22, 1943

The Horton Co
Worcester Mass
The Carbonadium Co
Magnum Falls NY

Mr. F. W. Libby
State Dept. of Geol. and Mineral Industries
702 Woodlark Building
Portland, Oregon

Dear Mr. Libby:

Regarding the sized sample products of garnet and zircon submitted to you several days ago.

We can produce these products by flotation followed by magnetic separation and sizing in our Concentrator Unit. It will take about 60 days to complete section should we have an economic outlet for such products of either garnet or zircon.

I mentioned to you the superior abrasive features of zircon over garnet, namely hardness and brittleness of zircon which promotes increasing new sharp angles during use. We could produce a mixed garnet-zircon product which would be far superior to a straight garnet product. Naturally the value of this product would be greater than straight garnet but considerably less than clean zircon. Also we could be ready to produce this product within three weeks after an outlet is assured. The material can be classified in circuit to meet requirements of buyer.

Both garnet and zircon or a mixed product produced by flotation will be superior than any product from the Separator Unit as flotation is selective so far as crystalline material is concerned. That is the separator plant product is primarily rounded grains.

Any information you might furnish me concerning the use of the material and interested parties will be appreciated. Also it seems desirable to arrange for me to discuss directly with the potential buyer, the uses and their requirements. We can produce approximately 70 tons per day of mixed product or about 45 tons per day of straight garnet.

With warmest regards, I am

Yours sincerely,
Krome Corporation
By


J. W. Patterson

JWP:MS

RECEIVE
APR 26 1943

STATE DEPT OF GEOL
& MINERAL INDS

30 December 1943

Krome Corporation
Hub Building
Marshfield, Oregon

Gentlemen:

You agreed to send us a list of the laboratory equipment
that you might have for sale.

So far we haven't received the list. Would you care to
send us one?

Very truly yours,

Director

EKN:jr

KROME CORPORATION

208 HUB BUILDING
MARSHFIELD, OREGON

December 13, 1943

Mr. Earl K. Nixon,
Oregon Department of Geology,
Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:

We have your wire of December 11 inquiring regarding
our laboratory and testing equipment.

At present we are making up inventory listing of this
and other equipment. We shall be pleased to send you
a copy of this list when it is completed and we thank
you for the inquiry.

Yours very truly,

KROME CORPORATION


By



S. W. Norton

SWN:IB

RECEIVED
DEC 15 1943
STATE DEPT. OF GEOLOGY
& MINERAL INDS.



Charge to the account of

CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	ORDINARY
DAY LETTER	URGENT RATE
SERIAL	DEFERRED
OVERNIGHT TELEGRAM	NIGHT LETTER
SPECIAL SERVICE	SHIP RADIOGRAM

Patrons should check class of service desired; otherwise the message will be transmitted as a telegram or ordinary cablegram.

WESTERN UNION

1206

A. N. WILLIAMS
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

CHECK
ACCOUNTING INFORMATION
TIME FILED

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

DECEMBER 10, 1943

WANT A REPLY?
 "Answer by WESTERN UNION"
 or similar phrases may be
 included without charge.

**KROME CORPORATION
HUB BUILDING
MARSHFIELD, OREGON**

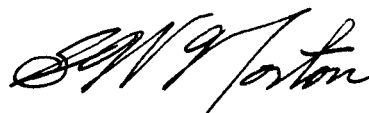
UNDERSTAND YOU MAY DISPOSE OF ASSAY LABORATORY AND TEST EQUIPMENT. WE MIGHT CONSIDER PURCHASE. ARE YOU DISPOSED TO NEGOTIATE FOR SUCH SALE OR DO YOU PLAN TO SHIP EQUIPMENT AWAY.

**EARL K. NIXON
OREGON DEPARTMENT OF GEOLOGY**

Send night letter
Charge to: State Dept. of Geology
702 Woodlark Bldg

KROME CORPORATION

By



S. W. Norton

SWE: IB

DEC 15 1943
 STATE DEPARTMENT OF GEOLOGY
 & MINERAL INDUST.



Enc 5
July 19, 1943

Mr. H. E. Oglesby, Tech. Dir.
Behr-Manning Corporation
Troy, New York

Dear Mr. Oglesby:

Thank you very much for your letter dated July 9
stating your position concerning a possible market
for sircon-garnet production from our chromite
sand concentrating operations near Coos Bay, Oregon.

Your list of possible users of sircon is appreciated.

Very truly yours,

F. W. Libbey
Acting Director

FWh:jr

BEHR - MANNING

CORPORATION
DIVISION OF NORTON COMPANY



RECEIVED
JUL 13 1943
STATE DEPT OF GEOLOGY
& MINERAL INDS.

ABRASIVE PAPER AND CLOTH

OILSTONES

ABRASIVE SPECIALTIES

TROY, NEW YORK

July 9, 1943

Mr. F. W. Libbey,
Mining Engineer,
State Department of Geology and
Mineral Industries,
702 Woodlark Building,
Portland, Oregon.
Zone 5.

Dear Mr. Libbey:

I refer to your letter of June 4th with reference to a by-product of a sized mixture of garnet and zircon.

We previously examined a sample of zirconium silicate said to come from the northern section of California. We did not consider that the sample submitted to us would be useful as an abrasive. Samples submitted to us at that time ranged in particle size from 120 mesh to 50 mesh. - It was our conclusion, since the material was so fine initially that it could not be handled to produce abrasive grains of reasonable quality except in the finer grit numbers where the consumption is not large and where usually there is an abundance of material produced by crushing Garnet, for example, to produce the coarser grades.

You of course realize that the freight rate on material from your locality to ours would be very high. On the other hand, we obtain Garnet from the Adirondack Mountains and from a mine located very close to us.

*Copy sent to
R. Patterson of
Krome Corp.*

to Mr. F. W. Libbey

-2-

July 9, 1943

While we have not examined a sample of your material it is our general impression that it is unlikely to be of interest to us.

As you no doubt know, the use of zircon is steadily increasing in this country. We have been told that the following people are listed as being interested in this material:

Ceramic Color & Chemical Mfg. Co., New Brighton, Pa.
E.I. du Pont de Nemours & Co., Wilmington, Delaware
Harshaw Chemical Company, Cleveland, Ohio
Titanium Alloy Mfg. Company, Niagara Falls, N.Y.
Foote Mineral Company, Philadelphia, Pa.
Vitro Manufacturing Company, Pittsburgh, Pa.

If, in spite of the foregoing comments, you still think that your material might be worth our consideration, we will be glad to receive a sample.

Yours very truly,

BEHR-MANNING CORPORATION.

N. E. Oglesby
Technical Director.

N.E.Oglesby
JTC

AIR  MAIL

Zone 5,
June 4, 1943

Dr. N. E. Oglesby
Behr-Manning Corporation
Troy, New York

Dear Dr. Oglesby:

The Krome Corporation, Marshfield, Oregon, is just getting into production of chromite concentrates from large "black sand" concentrations in the Oregon coastal region. In producing a relatively large quantity of chromite concentrates, this company will make a by-product of a sized mixture of garnet and zircon. A clean zircon fraction can be obtained, but the company's metallurgist informs us that it would be somewhat simpler for him to produce a mixed zircon-garnet fraction which would have potential value at least as an abrasive. Should it seem desirable for the company to produce clean garnet and zircon fractions separately, the zircon would be sold to the Government and the garnet would be marketed as an abrasive. The deciding factor as to their procedure will be the price they will be able to obtain for the mixed garnet-zircon product.

Mr. Patterson, metallurgist for the Krome Corporation, has informed us that he can produce up to seventy tons per day of the mixed product. The output for any particular size of such a product, say minus 100-mesh, would of course be much less. The company has enlisted our help to obtain a market for the by-products, and we would be glad to hear from you whether or not you are interested. We have some small-sized samples of the above-described fractions, but doubtless Mr. Patterson could send you larger sized samples of any particular sized product that you desire.

Yours sincerely,

F. W. Libbey
Mining Engineer

FWL:ff

NORTON COMPANY

MAIN OFFICES AND WORKS • WORCESTER, MASS.

NORTON ABRASIVES

GRINDING WHEELS • GRINDING MACHINES • PULPSTONES • ABRASIVE GRAIN • REFRACTORIES

WORCESTER, MASSACHUSETTS

State Department of Geology
and Mineral Industries
702 Woodlark Building
Portland, Oregon

May 29, 1943

Attention of Mr. F. W. Libbey
Mining Engineer

Yours May 26
Garnet-Zircon Product

At our Worcester plant we have no present interest in the garnet-zircon product to which you have called our attention. If you have not already done so, you may wish to write to Dr. N. E. Oglesby of Behr-Manning Corporation, Troy, New York, as they may possibly be able to use this in manufacture of coated abrasives.

NORTON COMPANY

A. H. Anderson
Manager, Abrasive and Bond Plants

A. H. Anderson
61

RECEIVED
JUN 4 1943

STATE DEPT OF GEOLOGY
& MINERAL INDS.

May 26, 1943

Borton Company
Worcester
Massachusetts

Gentlemen:

The Kross Corporation, Marshfield, Oregon, is just getting into production of chromite concentrates from large "black sand" concentrations in the Oregon coastal region. In producing a relatively large quantity of chromite concentrates, this company will make a by-product of a sized mixture of garnet and zircon. A clean zircon fraction can be obtained, but the company's metallurgist informs us that it would be somewhat simpler for him to produce a mixed zircon-garnet fraction which would have potential value at least as an abrasive. Should it seem desirable for the company to produce clean garnet and zircon fractions separately, the zircon would be sold to the Government and the garnet would be marketed as an abrasive. The deciding factor as to their procedure will be the price they will be able to obtain for the mixed garnet-zircon product.

Mr. Patterson, metallurgist for the Kross Corporation, has informed us that he can produce up to seventy tons per day of the mixed product. The output for any particular size of such a product, say minus 100 mesh, would of course be much less. The company has solicited our help to obtain a market for the by-products, and we would be glad to hear from you whether or not you are interested. We have some small-sized samples of the above-described fractions, but doubtless Mr. Patterson could send you larger sized samples of any particular sized product that you desire.

Yours sincerely,

F. W. Libbey
Mining Engineer

FWL: jr

Raleigh, North Carolina
March 23, 1943

Mr. Edward Thornton, Vice President
Krome Corporation
Marshfield, Oregon

Dear Mr. Thornton:

Thanks kindly for your note of March 13, which
was forwarded to me here.

Don't know what I can do to help in your Western
Mining War Council but will indeed be pleased to offer
any possible assistance.

Sincerely yours,

Earl K. Nixon

EKN/md

KROME CORPORATION

208 HUB BUILDING
MARSHFIELD, OREGON

March 13, 1943

Mr. Earl K. Nixon, Director,
State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:

I am taking the liberty of naming you on the
Western Mining War Council of the Colorado
Mining Association as I am sure that you will
ably represent the State.

Kindest regards.

Yours very truly,



Edward Thornton

ET:IB
Enc.

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MAR 15 1943
STATE DEPT OF GEOLOGY
& MINERAL INDS.

March 13, 1943

Robert S. Palmer, Executive Secretary,
Colorado Mining Association,
204 State Office Building,
Denver, Colorado.

Dear Bob:

I am very happy to have your letter of March 8th
and will be glad to serve on the Western Mining
War Council.


For another man I would recommend Mr. Earl K.
Nixon, Consulting Mining Geologist and Director
of the State of Oregon Department of Geology and
Mineral Industries.

His address is 402 Woodlark Building, Portland,
Oregon.

You will find Mr. Nixon a very live wire and very
much in touch with the war situation. I am sure
that he will be the most efficient man I can name
to represent Oregon on the Western Mining War
Council.

Kindest regards.

Sincerely yours,


Edward Thornton

ET:LB

cc: Mr. Earl K. Nixon

cc--File

E.N. Robinson - Portland Chamber of Commerce
Earl Nixon - St. Dept. of Geology & Mineral Research ✓
Extra file copy

April 5, 1943

Kroms Corporation

Marshfield, Oregon

Attn: Mr. Edward Thornton, General Manager

Gentlemen:

From talking with Mr. Nixon of the State Department of Geology and Mineral Research, we understand that your company accumulates Magnetite sand as a by-product from your Chrome operations.

We are constructing Crane-type barges for the Army and are attempting to locate a suitable material to be used as ballast on the cranes. Our total requirement will be 660 tons.

Will you please let us know by return mail if you have this sand available and give us whatever information you may have regarding the weight per cubic foot, specific gravity, and facilities you have for loading the material, either on rail cars or barges for shipment to us at Edmonds, Washington. Our barge plant at Edmonds is located about twenty miles north of Seattle on the Puget Sound. Would you also please quote us a price on this material, P.O.B. cars or barges at your plant.

Yours truly,

POINTER WILLAMETTE COMPANY

E. S. Earls
E. S. Earls
Material & Priorities Supervisor

ESE:ma

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APR 6 1943

STATE DEPT OF GEOLOGY
& MINERAL INDS.

March 17, 1943

Mr. Edward Thornton
Krome Corporation
Hub Building
Marshfield, Oregon

Dear Mr. Thornton:

Your letter of March 15 has been referred to me for reply.

There is a considerable amount of data concerning the mineral deposits around O'Brien, much of which is published in our Bulletin 14C, Vol. II (see enclosed list of publications) in which the copper deposits of the Waldo district just east of O'Brien are described.

The U. S. Geological Survey also described this area in Bulletin 846B, 1933.

Mr. Ray C. Treasher, field geologist at our Grants Pass office has a sketch map of the geology of this area, and can give you the best first hand information of anyone in the Department.

Very sincerely yours,

John Eliot Allen
Geologist

JEA:ff
Enclosure

KROME CORPORATION

208 HUB BUILDING
MARSHFIELD, OREGON

March 15, 1943

Mr. Earl K. Nixon, Director,
State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:

I would appreciate it if you would give
me a little data on the mineral conditions
around O'Brien, in the southern part of the
state practically on the border joining
Siskiyou County, California.

I understood there were some copper ^{gold} showings
there and would appreciate any data you have.
This is just a matter of curiosity as I heard
about it and was interested.

Kind regards.

Yours very truly,

KROME CORPORATION

By



Edward Thornton

ET:IB

RECEIVED
MAR 17 1943

STATE DEPT OF GEOLOGY
& MINERAL INDS.

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

February 11, 1943

Mr. Earl K. Nixon, Director,
State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:

I have your kind letter of February 3rd. Please bill the Krome Corporation with the cost of the phone calls in connection with the air priority and many thanks for your courtesy.

For your information the Los Angeles Division of Air Priorities is the toughest in the country and they require a third person confirmation of your request. Most of the divisions take your own word for it. I had no trouble with other requests during the trip.

With warmest regards, I am

Yours sincerely,



J. W. Patterson

JWP:IB

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& MINERAL INDS.

h

February 3, 1943

Dr. J. W. Patterson
Krome Corporation
Hub Building
Marshfield, Oregon

Dear Pat:

If there is any virtue in recording the past, you may be interested in the following:

When you called me from Las Vegas a week ago Sunday night, I tried first to reach this man McGowan whom you mentioned. After several calls, I found someone who knew him and got his initials. He had returned to Seattle. I called Seattle. He wasn't listed and they tried various McGowans without success.

I then telephoned a man I know in the War Production Board and he called the chief, Bergesch. Bergesch seemed not particularly interested in helping, and stated that his authority didn't cover such a case as giving air priority to you when your trip did not start inside Oregon. He referred me to Mr. Fair, Regional Director in San Francisco.

I then took the bull by the tail and telephoned directly to the Air Patrol Board in Los Angeles, telling them who I was and that I had no authority to issue an air priority and neither did the local chief of W.P.B. so long as your trip did not originate in Oregon. Anyway, Los Angeles was not interested in the local W.P.B. or in the regional chief. They were only interested in whether you were a bonafide individual or not, and whether you had any legitimate business in flying to Cleveland. I, of course, advised them you were a horse thief, a bank robber, and a strictly no-good individual, and that I wouldn't vouch for you under any circumstances or something like that. The boss of the Control Board replied that that is all he needed to know and he thought he could get your priority through in the thirty odd minutes remaining before flight 10 was supposed to leave Las Vegas. In other words, they are smart enough to cut corners down there.

I assume that you got your priority if not that night the first thing next morning. I may bill you for the cost of the telephone call to Los Angeles when my personal bill comes in. Hope it did you some good.

Cordially yours,

Director

BKN: jr

February 17, 1943

Mr. Edward Thornton
Krome Corporation
Hub Building
Marshfield, Oregon

Dear Mr. Thornton:

Some time back this Department submitted a sample of garnet to the Western Industrial Supply Company, Portland, for tests as to the suitability of the product for sand blasting work on metal castings. This garnet fraction was obtained from testing work on the chromite sands of the Bandon-Marshfield area done by Professor Gleeson of Oregon State College, and I should think that it would not be difficult to make such a fraction for commercial use.

Mr. Fisher, Manager of the Western Industrial Supply Company, informs me that this sample, which we submitted to him, was used by an airplane manufacturer who obtained satisfactory results with it and is now interested in obtaining a supply. Mr. Fisher believes that if the sample material we submitted to him can be duplicated commercially in a size or sizes from 60 to 150 mesh, there would be a good market for the material. He would like to obtain samples of garnet material which the Krome Corporation will be able to make in its finishing plant. It may be that you are not able to supply such samples at present, but I would be glad to have your comments on the matter.

Sincerely yours,

F. W. Libbey
Acting Director

FWL: jr

7

February 22, 1943

Mr. Edward Thornton
Vice-President and
General Manager
Krome Corporation
Marshfield, Oregon

Dear Mr. Thornton:

Please refer to your letter dated February 18, in regard to marketability of a possible garnet concentrate from your operation. Mr. Fisher of the Western Industrial Supply Company informs me that he will take the matter up with the people who did the experimental work and will try to get more definite figures on price and tonnage demand. While he stated to me previously that he thought a product sized to between 60 and 150 mesh would be marketable, he states now that he believes that anything finer than 120 mesh would hardly be marketable. He thinks the most practical size would be between 80 and 120 mesh. He promises to inform me as soon as he has more definite figures.

Very truly yours,

F. W. Libbey
Acting Director

FWL:ff

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

February 18, 1943

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STATE DEPT OF GEOLOGY
& MINERAL INDS.

Mr. F. W. Libbey,
Acting Director,
State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Libbey:

I have your letter of February 17th.

We will produce in our Concentrating
Plant at Seven Devils a garnet product
which we think will meet the specifica-
tions of 60 to 150 mesh.

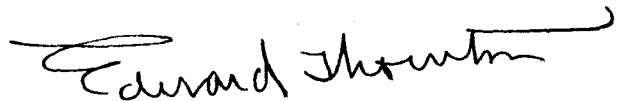
We would be interested in knowing what
price per ton we could receive for this
material and how many tons could be used
per day.

Thanking you very much for this information,
we are

Very sincerely yours,

KROME CORPORATION

By



Edward Thornton
Vice-President and
General Manager

ET:IB

40
100-120
80-120

Ed 1571

STATE GOVERNING BOARD

W. H. STRAYER, CHAIRMAN, BAKER
ALBERT BURCH MEDFORD
E. B. MACNAUGHTON . PORTLAND



STATE ASSAY LABORATORIES

400 E. 1 ST., GRANTS PASS

RAY C. TREASHER
FIELD GEOLOGIST

ROBERT G. BASSETT
ASSAYER

EARL K. NIXON
DIRECTOR

F. W. LIBBEY
MINING ENGINEER

JOHN ELIOT ALLEN
GEOLOGIST

H. C. HARRISON
SPECTROSCOPIST

STATE DEPARTMENT OF GEOLOGY AND
MINERAL INDUSTRIES

702 WOODLARK BUILDING
PORTLAND, OREGON
December 4, 1942

2102 COURT ST., BAKER

HUGH K. LANCASTER
FIELD ENGINEER

LESLIE C. RICHARDS
ASSAYER

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STATE DEPT OF GEOLOGY
& MINERAL INDS.

*ask Ray
Let Stanton know*

Krome Corporation
Hub Building
Marshfield, Oregon

Gentlemen:

When I visited your plant about three weeks ago before going east, the question of obtaining various types of equipment came up and I mentioned that I had a couple of pulleys and some wire cable to dispose of as the result of winding up my gold operation.

At that time you suggested that I ship you the pulleys as you felt certain you could make use of them. I didn't have a chance to do this before leaving the State and am uncertain now whether you are still in need or not.

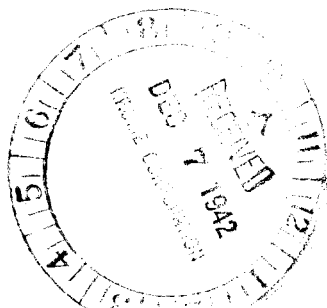
The pulleys are standard Timken bearing, 12-inch diameter, heavy-duty snatch block type with pin fastener for 3/4-inch steel cable. I understand they cost about \$30 or \$40 new. There are two of them and in excellent condition so far as I can see and would be worth \$15 each to me. I shall send them to you transportation charges collect if you feel you have need of them. If they don't suit you, you can return them.

Have not had a chance to check up on the cable. It runs in my mind that we have either 600 or 800 feet of best obtainable grade special steel core 3/4-inch hoisting cable which was used for a short time for clearing land at our hydraulic operation. If this item is of interest to you, I will have the caretaker check up.

Very truly yours,

Director

EKN: jr



Mr. Nixon; Mr. Tolson asked me to advise you that he had already obtained all the material necessary, and would not need any of the above mentioned material,

Yours very truly

Krome Corporation

By, *Ray Sullivan*
Purchasing Agent

January 4, 1943

Mr. Edward Thornton, Gen. Mgr.
Krome Corporation
208 Hub Building
Marshfield, Oregon

Dear Mr. Thornton:

Thank you for your note of December 28.

Under separate cover we are forwarding a copy of our bulletin on Josephine County as you request.

As to the vanadium matter, this is a occurrence of titaniferous magnetite on one of the ridges of Horse Sign Butte, located about 10 miles south of Agness in Curry County. The spectrograph in the office showed that the sample contained some vanadium so we did some fairly careful geologic mapping and further sampling. The vanadium occurs as V_2O_5 , and in the magnetite molecule. In other words, we do not believe it is something that could be concentrated. We have made some casual leaching tests and find that this is a different ~~proportion~~ *proportion* than some of the vanadates occurring in the southwest.

We have discussed the occurrence with the War Production Board, and it appears that this Curry County material is somewhat analogous to the vanadium-bearing magnetites of the Adirondacks in New York. Might say that field samples show the Curry County material to run between 55 and 60% iron, .75% V_2O_5 , .11% sulphur, and very low phosphorus, .004%. This would give a theoretical bessemer grade of iron ore.

Our report on this vanadium matter covers a number of pages. We are under the impression that Dr. Patterson obtained a copy when he was in this office. If not, we can have it re-typed. There is a small charge for this.

Kind regards.

Sincerely yours,

Director

EKN: jr

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

December 28, 1942

Mr. Earl K. Nixon, Director,
State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:

I hope you had a very comfortable trip back to
Portland and that you had no more car trouble.

I enjoyed very much meeting you and the Senator
and it was a pleasure to make the little local
round with you.

I see in the recent Mining Journal that you have
gotten out a little handbook on minerals in
Josephine County. I would be interested in get-
ting a copy.

There was a note on the discovery of vanadium in
Curry County. If it is possible to let me know
I would be very much interested in further data
on this occurrence, particularly the form in which
the vanadium is found. I spent quite some time in
the vanadium fields of Colorado just before coming
up to Oregon so you see my source of interest.

Kind regards.

Yours very truly,

KROME CORPORATION

By

Edward Thornton

Edward Thornton

ET:IB

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STATE DEPT OF GEOLOGY
& MINERAL INDS.

Bandon, Oregon
January 7, 1942

Mr. Earl K. Nixon, Director,
State Department of Geology,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:

May I thank you for your letter of December 31, 1941, which was received by me upon my return here last evening from El Paso and California. My absence from Bandon accounts for the delay in replying to your letter.

I want to thank you also for sending me a copy of your Press Release No. 31. We have not as yet acquired certain lands which are necessary for the success of this project, but I am very hopeful that we may have these in the near future and be able to proceed according to plan.

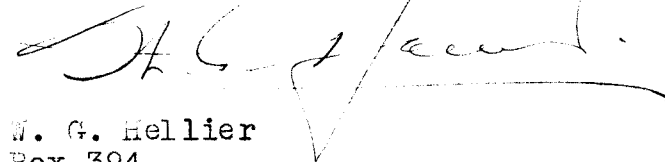
Just before Christmas I met Mr. Lewis in Marshfield and had a long talk with him and his partner concerning the Pioneer Mine and certain property adjoining. I made a memorandum of his name and address and the details of his holdings and the deal he had in mind for the property, but unfortunately I have mislaid it among my papers, but I think I will be able to locate it in a few days. We have this property under consideration, but I do not know if it would be possible to get together with them on a reasonable deal.

You ask if we contemplate the purchase of ore and concentrates from outside properties. While I think that we will the matter has not as yet been fully decided. I was interested in learning that Mr. Day had dirt moving equipment and it is possible that we might be able to use him later.

It is possible that I may have to be in Portland the latter part of this week or early next week, and if such should be the case I will call you on long distance as I would like to talk over several matters with you.

belated
Please accept my best wishes for a Happy and Prosperous New Year.

Very truly yours,



W. G. Hellier
Box 394,
Bandon, Oregon.

n

December 31, 1941

Mr. William G. Hellier
Sunset Apartments
Bandon, Oregon

Dear Mr. Hellier:

Although you have possibly been fully advised, I am enclosing herewith a copy of our press release which gives the new set up of the Metals Reserve Company on purchase of chromite ore.

The principal point of this note is to inquire as to whether you plan to purchase chromite sand from outsiders for concentration in your plant.

At the moment I have a note from a member of our board, a consulting engineer, who calls to my attention the fact that a young contractor has a lot of heavy road construction equipment plus ample working capital to carry on which he would like to use in dirt moving in connection with a chrome sand operation. Evidently the man is well recommended and it is possible that his machinery and experience might in some way fit your picture. If so you may write me or write directly to the man in question, whose name is Mr. John Day, present address, Blue Moon Ranch, Medford, Oregon.

Wishing you a Happy New Year, I am

Sincerely yours,

Director

EKN:IMC
ENCL 1

CLASS OF SERVICE DESIRED	
DOMESTIC	FOREIGN
TELEGRAM	FULL RATE CABLE
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Patrons should check class of service desired, otherwise message will be transmitted on a full-rate communication

Postal Telegraph

THE INTERNATIONAL SYSTEM

Commercial
Cables



All America
Cables

Mackay

Radio

RECEIVER'S NUMBER
CHECK
TIME FILED
STANDARD TIME

Send the following message, subject to the terms on back hereof,

which are hereby agreed to

Form 2

702 Woodlark Bldg.
Portland, Oregon
December 15, 1941

Mr. Wm. G. Hellier
Bandon, Oregon

DRIVING TO MARSHFIELD TODAY. SPENDING REMAINDER OF WEEK BETWEEN MARSHFIELD AND GOLD BEACH. DESIRE SEE YOU TUESDAY OR WEDNESDAY. PLEASE LEAVE NOTE FOR ME BANDON POSTOFFICE SO CAN LOCATE YOU TUESDAY AFTERNOON. REGARDS.

Earl K. Nixon

EKN:ac
Send as Dayletter

Chg. State Dept. Geol. & Min. Industries

Very sincerely yours,

William G. Hellier
Box 301,
Bandon, Oregon.

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DEC 15 1941

STATE DEPT. GEOLOGY
& MINERAL IND.

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Bandon, Oregon
December 12, 1941

Mr. Earl K. Nixon, Director,
State Department of Geology,
702 Woodlark Building,
Portland, Oregon.

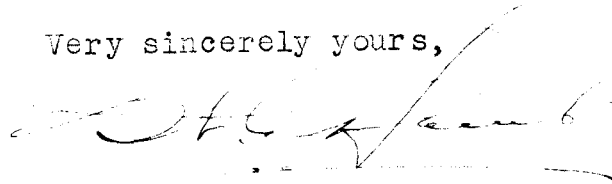
Dear Mr. Nixon:

May I thank you for the carbon copy
of the letter which you sent me recently, which letter
was sent to Professor Gleason at Corvallis.

I have been very anxious to meet
Professor Gleason but I have been waiting for the
arrival of Dr. Patterson as I would like very much
for Dr. Patterson to meet Professor Gleason at the
same time.

We expect to make an early decision
concerning the project here and it is probable that
I will be in Portland again before long and at that
time I hope to have the pleasure of seeing you again
and telling you of the latest developments.

Very sincerely yours,



William G. Hellier
Box 361,
Bandon, Oregon.

RECEIVED
DEC 15 1941

STATE DEPARTMENT OF GEOLOGY
& MINERAL INDUSTRY

n

December 9, 1941

Mr. S. H. Boardman
State Parks Superintendent
Salem, Oregon

Dear Mr. Boardman:

The following is in furtherance of our discussion in my office the other day in regard to the desirability of the State of Oregon negotiating with a private mining group on chromite-bearing land a few miles north of Port Orford.

As background, I wish to review briefly for you information from facts in regard to possible chrome developments in the immediate area where you are considering a land negotiation with Mr. W. G. Hallier.

This Department started the sampling and investigation of the so-called black sand beach and back beach deposits at all accessible points from Coos Bay southward to beyond Bandon nearly four years ago with the point of ascertaining whether or not--if war emergency should raise the importance of domestic chromite--that mineral with other valuable by-products might be mined and produced commercially. Our preliminary work indicated better than a fifty-fifty chance that these much maligned deposits could be produced at a profit if new and orthodox techniques and metallurgy were employed. Later, in cooperation with Oregon State College, we entered upon a substantial program of investigation, churn drill sampling, and metallurgical work that is just now being wound up. The answer is quite definitely that these deposits are valuable, and that they might easily become of especial importance due to the war developments of the last few days which have made difficult or impossible importations of chromite from across the Pacific.

I went to New York recently at the request (and expense) of an internationally known corporation with fairly important holdings of these back-beach chromite deposits to present facts that I believe will lead to the initiation of actual mining development and production for utilization in an electric furnace industry in Oregon. The group I refer to is a different one from the group with which you are negotiating.

It is my belief that the State of Oregon would be wise to try and work out a deal with Hallier that would return a reasonable profit to the State and at the same time facilitate actual and substantial mining development of the chromite lenses above Port Orford. Hallier's group has spent to my knowledge a good many thousand dollars on actual chromite

such mineral production. Hellier states that he is somewhat embarrassed by not having as large a tonnage of material as would be desired to justify an expenditure of two or three hundred thousand dollars for installation of a reduction plant. I am inclined to think that his representations are accurate in this respect.

Now if Hellier can obtain another tract of Port Orford cedar that would satisfy the State Park Board and present it to the State taking the quarter section that adjoins his present holdings, and which I understand contains important extensions of the chrome bearing sand, I would respectfully urge that you give kindly consideration to such a swap. In addition to the exchange of lands to facilitate Hellier's mining development, I would suggest that the State of Oregon ask for a mining royalty on the quarter section Hellier desires to develop of, say, 5% of the value of minerals produced on the land, said royalty being based on the calculated value of the materials in the condition they are in as they leave the property in question.

I am inclined to feel that it would be an inducement for Hellier to carry on if the contract read to the effect that when payments to the State of Oregon as royalty under the lease had reached the sum of, say, \$10,000 that Hellier would have satisfied his obligation to the State as regards full payment for the minerals on the land in question. In other words as an incentive to this important mining development, I believe the State could well accept a modest profit and let it go at that.

Very truly yours,

Director

EKN:ac



SALEM

December 8, 1941

IN REPLY PLEASE
REFER TO FILE NO.

Mr. Earl K. Nixon, Director
State Board of Geology and Mineral Industries
702 Woodlark Building
Portland, Oregon

Dear Mr. Nixon:

I would greatly appreciate a letter from you along the lines we talked regarding the proposed royalty to be asked of the W. G. Hellier mining people who desire to obtain from the State a park area of 160 acres located on the Oregon Coast Highway seven miles north of Port Orford.

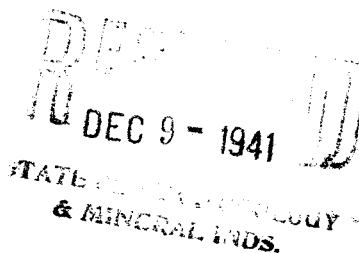
It would be well for you to bring into your letter your desire to see this mining project started, what it means to the State. The Commission meets on December 18th and I would like to have your letter for this meeting for the Commission's consideration.

With kind regards, I remain

Sincerely yours,

S. H. Boardman
State Parks Superintendent

SHB:GC



October 7, 1941

Mr. W. G. Hellier
Box 301
Bandon, Oregon

Thank you for your letter of October 6. Sorry I was not in Portland when you called the other day. I shall be leaving for eastern Oregon the day after tomorrow, Thursday, but expect to be in Portland all of next week. I may have to be away again for a few days after October 16. Don't know that I shall be able to make a trip down the coast although I should like to very much.

I have heard only rumors to the effect that some drilling has been underway in the Denmark area. At any event I shall indeed be pleased to discuss various angles of the black sand or chromite situation with you at an early date. Although our drilling at Marshfield has been a series of headaches because of delays and for mechanical reasons, we have obtained some rather interesting results which will be published as soon as we can complete our maps and cross-sections. All in all I think the work has been constructive.

Cordially yours,

Earl K. Nixon,
Director

EKN:ms

EARL Mc INNES
Manager
W. J. HOFMANN
Associate Manager



HOTEL MULTNOMAH

Band. Oregon

Portland's Largest Hotel

Bandon, Oregon.
October 6, 1941

RECEIVED
OCT 7 1941

STATE DEPT OF GEOLOGY
& MINERAL INDS.

Mr. Earl K. Nixon,
State Geologist,
Woodlark Building,
Portland, Oregon.

Dear Sir:

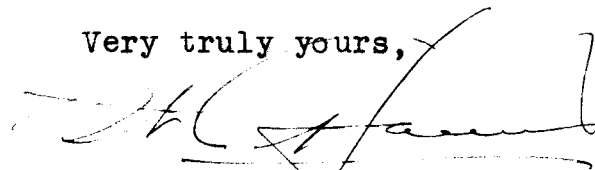
The writer represents Mr. C. F. Corzelius of El Paso, Texas, and for the past three months we have been investigating old beach line black sand deposits south of Denmark, Oregon. We have done some little drilling in this time.

As I was in Portland last week I called at your office as I wished to have the pleasure of meeting you. I learned however that you were in San Francisco at the time, and were not expected back until this week.

We have developed some tonnage on lands upon which we have options but not enough to justify the capital investment for a plant. We are not endeavoring to acquire additional acreage.

On my next trip to Portland I would like to make an appointment as there are several matters I would like to discuss with you. Should you be down this way in the meantime I would appreciate it if you would call me on the phone. I think that you would be interested in the work which we have been doing, and might possibly like to go out to the properties with me.

Very truly yours,



W. G. Hellier
Box 301,
Bandon, Oregon.

Sunset Apartments,
Phone 724 - 4 rings.

a great place
... TO LIVE
... TO WORK
... TO PLAY

MEMBER
AMERICAN HOTEL
ASSOCIATION
UNITED STATES
CHAMBER OF
COMMERCE



February 2, 1942

Mr. W. G. Haller
Port Orford, Oregon

Dear Mr. Haller:

Thank you for your telephone call after alighting from the plane the other night. The point of this note is to suggest to you an angle that may save you a few dollars on State Compensation Insurance during the construction of your new concentrator.

I discussed it the other day while in Salem and learned that so far as they knew you had not taken up the matter with them. The point is this. If you can carefully segregate the cost of your mill construction labor from your machinery installation labor and segregate the costs in your report to the State Industrial Accident Commission, the rate on mill construction is \$4.50 whereas the entire cost of machinery installation will be at \$5.00, that is, \$5.00 per \$100.00 of payroll. The rate for mining, if you hold out for it, will be \$4.50 rather than the regular \$5.00 mining rate.

In other words, be certain that you classify yourself under the splacer (n.o.c.) heading rather than as "General Mining". The n.o.c. means "Not otherwise Classified". Note that the dredge rate is \$6.00.

Enclosed herewith is schedule of rates of the Workmen's Compensation Law. I have checked in red on pages 12 and 13 the rates that I think you can get if you will hold out for them. This is after discussion of the matter with Mr. Meeker of the State Industrial Accident Commission in Salem.

Yours very truly,

Director

WGH:ao

KROME CORPORATION
PORT ORFORD, OREGON

OFFICE OF THE GENERAL MANAGER

January 31, 1942

Mr. Earl K. Nixon, Director,
State Department Of Geology & Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

My dear Mr. Nixon:

As I told you over the telephone last evening in Portland I have been in Los Angeles and San Francisco on company business, and I did not know that there would be any publicity put out concerning our enterprise here as early as it was. I was much surprised in reading some of the Oregon papers and to learn what had been said about the project. Before leaving Oregon I gave Mr. William E. Walsh, one of our attorneys, a statement concerning this enterprise with the understanding, that when the time came it was to be made public, but it seems the information did not come out just as I expected it to do. You will remember that I had told you some months ago that when we were ready to give out any information I would advise you so that you might use this as you might care to in the press. I enclose herewith, the copy of which I expected to have in your hands prior to the time we made this information public. The first page of this was not written by me, but my statement is with the quotation marks at the bottom of the first page. I want you to have a copy of this for I was only responsible for that part of newspaper publicity which occurs within the quotation marks.

If you would like to have me give you additional information which you might personally put out I'll be glad to do so, for while we are not as a company particularly interested in publicity, I realize that this might be of some advantage to you. With kindest personal regards, I remain.

Very sincerely yours,


W. G. Hellier

WGH-EL
ENC-2

RECEIVED
FEB 2 1942

STATE DEPARTMENT OF GEOLOGY
& MINERAL INDS.

January 31, 1942

Mr. Earl K. Nixon, Director,
State Department Of Geology & Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

My dear Mr. Nixon:

As I told you over the telephone last evening in Portland I have been in Los Angeles and San Francisco on company business, and I did not know that there would be any publicity put out concerning our enterprise here as early as it was. I was much surprised in reading some of the Oregon papers and to learn what had been said about the project. Before leaving Oregon I gave Mr. William W. Walsh, one of our attorneys, a statement concerning this enterprise with the understanding, that when the time came it was to be made public, but it seems the information did not come out just as I expected it to do. You will remember that I had told you some months ago that when we were ready to give out any information I would advise you so that you might use it as you might care to in the press. I enclose herewith, the copy of which I expected to have in your hands prior to the time we made this information public. The first page of this was not written by me, but my statement is with the quotation marks at the bottom of the first page. I want you to have a copy of this for I was only responsible for that part of newspaper publicity which occurs within the quotation marks.

If you would like to have me give you additional information which you might personally put out I'll be glad to do so, for while we are not as a company particularly interested in publicity, I realize that this might be of some advantage to you. With kindest personal regards, I remain.

Very sincerely yours,

W. G. Bellier

WGN-11
WGC-2

May 13, 1942

Mr. William Hall and Mr. Paul Lance
Krome Corporation
Hub Building
Marshfield, Oregon

Gentlemen:

Although I talked briefly to Mr. Hall when I left Marshfield, as a matter of record for your files I wish to state that the land which I looked at yesterday forenoon could very well have possibilities for a stripping operation. There appears to be 30 or 40 acres of relatively level land, and indications are that coal underlies this area. The ground is in Secs. 8 and 17, T. 28 S., R. 13 W., and is located about one mile east of the town of Riverton. I was guided to the property by Jack Kay who works for the County Court at Coquille. Mr. Kay would be very glad to guide you to the property at any time. I do not think he has any financial interest in it.

I saw two holes which exposed some of the coal. The coal in one of the holes looked O.K. That in the other was rather bony. There is a possibility that the coal in the second hole is not the same bed as that in the first hole mentioned. The overburden at these two points would be around 16 or 17 feet thick. It is needless to state that it would require exploration in the form of drilling or test pitting to determine thickness of overburden and quality of coal.

I wish that our Department could do at least some preliminary exploration in this area, but I do not believe we can in the immediate future anyway.

Another locality which Kay told me about but which I did not visit sounds as if it also could have possibilities for a stripping operation. This is mostly on County land just southwest of Marshfield and north of the old Libby Mine. At such time as you feel that you can investigate the areas mentioned, I suggest that you get in touch with Mr. Kay at the office of the County Judge, Coquille.

Kindest regards,

Sincerely yours,

F. W. Libbey
Mining Engineer

FNL:jr

KROME CORPORATION
PORT ORFORD, OREGON

March 6, 1942

RECEIVED
MAR 7 - 1942

STATE DEPT OF GEOLOGY
& MINERAL INDS.

Mr. Earl K. Nixon,
702 Woodlark Building,
Portland, Oregon.

My dear Mr. Nixon:

This afternoon Mr. Johnson of the Ritter Products came in the office and I was very glad indeed, to see him and with Mr. Johnson was Mr. Libby with one of your assistants.

Our secretary brought in their cards and I was thinking about some other matters and it did not dawn on me for several minutes who these people were. I am very much afraid that Mr. Libby thought I was discourteous to him but I had no intention of being discourteous. I did not recognize Mr. Libby in his field clothes and I hope that I can correct any misunderstanding that there might have been.

I had a nice visit with Mr. Johnson. Mr. Johnson intimates that he would be interested in building a plant around the Coast here, where he could obtain a sufficient tonnage of black sand where he could make his project feasible. Frankly, I did not want to go into the technical matter with Mr. Johnson for the reason that there have been some changes recently in our flow sheet. I am expecting Dr. Patterson here not later than Saturday of this week, and as soon as he arrives I want to telephone to Mr. Johnson, and we can arrange a convenient time for Mr. Johnson to meet Dr. Patterson.

I suggested that Mr. Libby take Mr. Johnson out to the Baker and Madden Mines to see the old pits out there, which would give him an idea of what the mining problem is. Mr. Johnson tells me that he will probably be in Portland Monday of next week and as soon as Mr. Patterson arrives I want to arrange for a meeting between these persons so that Dr. Patterson can give Mr. Johnson details of the new flow sheet, which from present indications will be used in our plant.

Mr. Libby tells me that you will be down here in the near future. I assured Mr. Libby that we will be very glad to have you or any of your staff stay with us here in the Administration Building when you are down here.

①

Mr. Earl K. Nixon

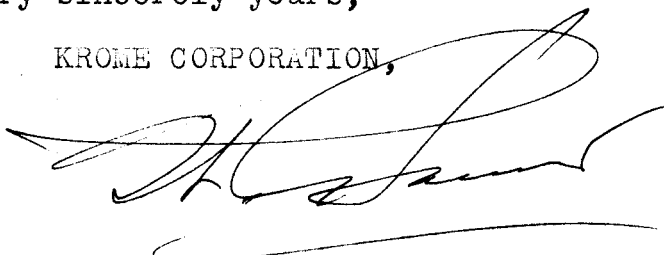
- 2 -

March 6, 1942

It is possible that I may be in Portland before you make your trip down here. I look forward with pleasure to seeing you again.

Very sincerely yours,

KROME CORPORATION,

A handwritten signature in black ink, appearing to read 'W. G. Hellier', with a long horizontal flourish underneath.

W. G. Hellier.

WGH-EL

March 2, 1942

Mr. W. G. Hallier
Krome Corporation
Port Orford, Oregon

Dear Mr. Halliers:

Thanks for your note of February 17th. I just returned from the East and find myself swamped as usual with accumulated work. However, I want to say that I am anxious to get down your way to discuss matters of mutual interest.

Mr. Johnson of the Ritter Products Co. is in the office and is anxious to make a trip down your way. As we are working on a program to submit to Washington for further development of these sands, we are sending some men to your area within the next two or three days, and they will call on you. It will be at least a week before I have a chance to see you.

You may have noticed that I recommended Coquille for one of the Government chrome stockpiles, and my recommendation in this, as in a number of other matters, was approved formally. One point about which I am concerned is the Metals Reserve's attitude toward briquetting or nodulizing chrome concentrates. They seem disposed to chuck down the necks of some of the concentrate producers the question of nodulizing. Would you be good enough to let me know whether that is in your contract or not?

Looking forward to seeing you, I am,

Sincerely yours,

Director

EKN:ao

KROME CORPORATION
PORT ORFORD, OREGON

February 17, 1942

Mr. Earl K. Nixon,
702 Woodlark Building,
Portland, Oregon.

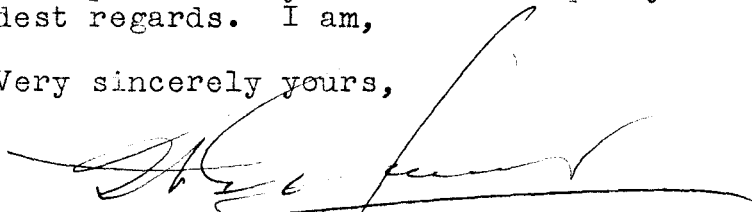
Dear Mr. Nixon:

I thank you for mailing me a copy of a letter which you wrote to Mr. H. B. Johnson on the Ritter Products. I will be very glad indeed to see Mr. Johnson when he comes to Oregon and I am sure that not only he will be interested in the plans we have here but I will be interested in the work which his company is doing. I have delayed my letter to you for the reason that I knew you to be absent in Washington or New York and were not expected back until February the 25th. Our work is progressing slowly and we hope to start in on the foundations for the plant early next week. As you know the Southwestern Engineering Company is building the plant for us and we hope with their extensive organization we are going to be on production about the middle of June.

Mr. Tichenor called here several days ago and I had a nice visit with him and he gave me some nice information concerning some near by properties. I was sorry that he was unable to accept our invitation for dinner and to stay for the night but he had to go to Gold Beach on other business.

We hope to see you down here upon your return. With my kindest regards. I am,

Very sincerely yours,



W. G. Hellier.

RECEIVED
FEB 19 1942
STATE DEPT OF GEOLOGY
& MINERAL INDS.

WGH-EL

15

KROME CORPORATION
PORT ORFORD, OREGON

March 3, 1942

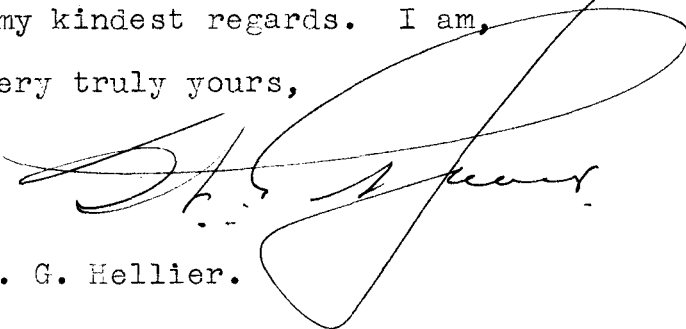
Mr. Earl K. Nixon, Director,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:


This will acknowledge your letter of March 2nd, which was received this morning and I am glad to hear that you are going to be down here in the near future. There have been numerous changes in our flow sheet in the past two weeks and I am not familiar with all of these as Mr. Patterson and several other men have been taking care of these matters.

It is probable that Dr. Patterson will be up in this Country inside of the next week, and it might be better for you to talk to him as to what the changes have been in our flow sheets and the changes which have been made in the Government contract. With my kindest regards. I am,

Very truly yours,


W. G. Hellier.

WGH-EL



May 5, 1942

702 Woodlark Bldg.
Portland, Oregon

The Krome Corporation
Room 208, Hab Building
Marshfield, Oregon

Gentlemen:

Attention: Mr. Lantz, Superintendent

I am just in receipt of a letter from Leith of the War Production Board which mentions that he conferred with Mr. Corzelius Saturday about developments and your plans. Leith states "One of the most important things you could do would be to try to expedite the construction and let us know of any bottlenecks or where we could help speed things up".

Would you then be kind enough to advise me if anything develops wherein you think the War Production Board can be of assistance? Might say that Leith discussed with Mr. Corzelius the question of continuing, perhaps on a more modest scale, with the Port Orford plant and Leith indicates particular desire to have that done. In this connection, I wish to advise that the geophysical work indicated the probable extension of the sand lens across the State Land Board land, as I recall, for a distance of some 2,000 feet. If you would like to have us try and outline in somewhat more detail the limits of this lens in the Port Orford District, I will arrange to have the work done. It would be desirable, of course, that you state you are in a position to put one of your drills back in that area soon to follow up the geophysical work.

Leith is anxious to have some idea from me as to when your mill will be in and operating at the Sec. 10 location. You, better than anyone else, can answer that and I hope you will favor me by giving me an idea. You can depend on me to play with you fairly on all matters and you shall not be held for figures or dates that you state as approximate.

It is presuming to ask you to give me this information at all, but I am quite anxious to know and equally anxious to be of any service I can to you.

Kind regards.

Sincerely yours,

Earl K. Nixon
Tech. Cons. Matls. Div.

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

May 11, 1942

Mr. Earl K. Nixon,
Tech. Cons. Metals Div.,
War Production Board,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:

Reference is made to your letter of May
the 5th.

Most of the matters referred ^{to} therein,
were discussed by us during my recent visit in your office.

As to giving you a probable date for the
commencement of operation of the mill in section 10, I will
probably be able to give you this information in a week or
ten days.

With reference to the road location,
which we discussed while I was in your office, I have started
some further surveys and as I will leave here to go South
tomorrow it will probably be several days before we can give
you definite recommendations or suggestions along that line.
The weather has hampered field work but we are now running
location lines with the idea of getting together enough
information to definitely decide which would be the best
route.

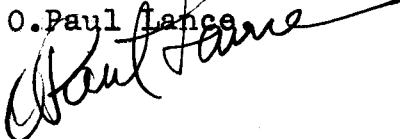
However, I feel that the connecting road
from section 10 to the North Bank Road and improvement of the
North Bank Road will be the most desirable all around from
an operation point of view.

The planimeter which you so kindly loaned
us arrived by parcel post today, and we will take the best
care of it. We are making application to the priorities
division for an A-1-a order to purchase one.

We appreciate your cooperation and assist-
ance. With very kindest regards.

Very truly yours,

O. Paul Lance



OPL-EL

N

Charge to the account of State Dept. of Geol. & Min. Industries

\$

CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	ORDINARY
DAY LETTER	URGENT RATE
SERIAL	DEFERRED
OVERNIGHT TELEGRAM	NIGHT LETTER
SPECIAL SERVICE	SHIP RADIOGRAM

Patrons should check class of service desired; otherwise the message will be transmitted as a telegram or ordinary cablegram.

WESTERN UNION

1206-B

CHECK
ACCOUNTING INFORMATION
TIME FILED

R. B. WHITE
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

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

702 Woodlark Building
Portland, Oregon
May 25, 1942

O. PAUL LANTZ
KROME CORP.
MARSHFIELD, OREGON

IF YOU NEED BOSS CARPENTER FOR MILL CONSTRUCTION SH WILLISTON, OF SUN OIL CO. STUDIO BLDG. PORTLAND HAS MAN JUST RETURNED FROM THEIR CORDERO NEVADA QUICKSILVER PLANT. BELIEVE FELLOW IS HIGHCLASS MAN AND MIGHT BE USEFUL TO YOU. HE MUCH PREFERS MILL CONSTRUCTION TO SHIPYARD WORK. WIRE PROMPTLY IF INTERESTED.

EARL K. NIXON

Send dayletter
EKN:ac

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

June 6, 1942

RECEIVED
JUN 8 1942

STATE DEPT OF GEOLOGY
& MINERAL INDS.

Dr. F. W. Libbey, Acting Director,
State Department of Geology and
Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Dear Sir:

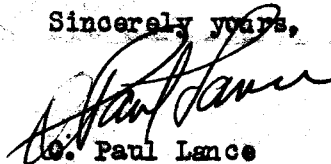
Your letter of June 3rd covering proposal for handling the assaying of our samples for zirconium is hereby acknowledged.

The fee to be charged seems entirely reasonable and the pulping charge also seems to be very reasonable.

I believe it would be better to have all the work done in one lab, if you have the equipment and care to do it. However, the detail of having the samples pulped can be worked out when I return from the south. However, I suggest that Dr. Harrison proceed to make his arrangements and prepare his standards for handling a minimum of one hundred samples. I will call on you in Portland upon my return from Los Angeles.

Thanking you very kindly for your assistance in this matter, I remain

Sincerely yours,


G. Paul Lance

OPL:IB

June 3, 1942

Mr. Paul Lance, Manager
Krome Corporation
Hub Building
Marshfield, Oregon

Dear Mr. Lance:

Relative to our telephone conversation, I have discussed the matter with Dr. Harrison and we have arrived at the following arrangement which would be satisfactory to this Department.

Assuming a minimum of 100 samples, the price would be \$3.00 per sample if pulped. Should the samples be sent us dried but not pulped, the price would be 75¢ extra or \$3.75 per sample. Concerning this matter of pulping samples, we have talked to Mr. John Beede who has an assay laboratory in Portland and whom we consider reliable. He states that he would prepare the samples for spectrographic analysis for a price of 50¢ each. Therefore, you would save 25¢ per sample. You may either get in touch with Mr. Beede and make your arrangements with him or should you wish, we will be glad to make the arrangements with Beede if you empower us to do so.

Dr. Harrison would require a minimum of three weeks before he would be able to make quantitative determinations for zirconium. This time is an absolute necessity in order to set up the necessary analytical standard and to calibrate the equipment for zirconium analysis. There doesn't seem to be any way of making a short cut for such preparation.

Should you decide to enter into the above arrangement, you could either telephone or telegraph us and we would start immediate preparation.

Very truly yours,

F. W. Libbey
Acting Director

FWL: jr

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

May 22, 1942

State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Attention: Mr. F. W. Libby

Dear Mr. Libby:

Upon my return I received your letter of May 13th regarding the coal property which you and Mr. Kay examined recently. We thank you very much for your interest and I will take the earliest opportunity to go over this ground with Mr. Kay. He had mentioned this to me previously.

I expect to be in Portland the first part of next week and I am wondering if it would be possible for you to get Mr. Harrison to run some spectroscopic analyses on a couple of samples for the zircon content. I am taking the liberty of bringing the samples along anyway.

I wish to take this opportunity to thank you and Mr. Nixon for your kind cooperation.

Very truly yours,

KROME CORPORATION

By



O. Paul Lance

OPL:IB

RECEIVED
MAY 25 1942

STATE DEPT OF GEOLOGY
& MINERAL INDS.



July 7, 1942

Mr. O. Paul Lance
Krome Corporation
208 Hub Building
Marshfield, Oregon

Dear Mr. Lance:

The work on the development of the method for the spectrographic analysis of zircon in beach sands has progressed to that stage where it will be highly desirable to have you send me a few samples of the type material you are going to submit for analysis so that we may carry on experiments with this type of material.

If everything goes along as can be expected, we shall be able to undertake the analysis of your samples after a little experimentation on the material which I have requested that you send me.

Yours very truly,

H. C. Harrison
Spectroscopist

HCH:ac

Charge to the account of

\$

CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	ORDINARY
DAY LETTER	URGENT RATE
SERIAL	DEFERRED
OVERNIGHT TELEGRAM	NIGHT LETTER
SPECIAL SERVICE	SHIP RADIOGRAM

Patrons should check class of service desired; otherwise the message will be transmitted as a telegram or ordinary cablegram.

WESTERN UNION

1206-

CHECK
ACCOUNTING INFORMATION
TIME FILED

A. N. WILLIAMS
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

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

WANT A REPLY?
 "Answer by WESTERN UNION"
 or similar phrases may be
 included without charge.

702 Woodlark Bldg.

Portland, Oregon
July 29, 1942

MR. PAUL LANCE
KROME CORPORATION
MARSHFIELD, OREGON

CONFERENCE WITH GOVERNOR POSTPONED FROM ELEVEN AM THURSDAY TO ELEVEN AM FRIDAY

S.H. WILLISTON

Send straight wire
Chg.

STATE DEPARTMENT OF
GEOLOGY & MINERAL INDUSTRIES
702 WOODLARK BLDG. - PORTLAND, ORE.

August 7, 1942

Mr. Paul Lance
Krome Corporation
Hub Building
Marshfield, Oregon

Dear Mr. Lance:

This will introduce Mr. Edward A. Hassan, Jr. and our geologist, Mr. John Eliot Allen. Both Mr. Hassan and Mr. Allen would like to visit the property of the Krome Corporation and are, of course, interested in anything you can tell them.

Any assistance you can render them in seeing the area under development will be greatly appreciated.

Sincerely yours,

F. W. Libbey
Acting Director

FWL: jr

August 5, 1942

Mr. Paul Lance
Krome Corporation
Marshfield, Oregon

Dear Mr. Lance:

Our files show that on June 30 a copy of the following publication was mailed to you:

U.S. Bureau Mines Technical Paper #196 - Notes on the black sand deposits of Southern Oregon and Northern California.

This publication has long been out of print, and is one which we do not as a rule, loan outside the office. As a special courtesy, this publication was made available to you and mailed on the above mentioned date. Since it was the only copy in the office, and because of its subject, it is continually in demand by members of the department. We should appreciate its immediate return, provided, of course, you have completed your study of it.

Very truly yours,

Junior Geologist

J.B.

RECORDED & INDEXED

September 1, 1942

Mr. Paul Lance
Krome Corporation
Hub Building
Marshfield, Oregon

Dear Mr. Lance:

As explained to you when you telephoned me Saturday, Twenhofel left the map you gave him on my desk with the statement that it should be held a few days to see if you had any instructions about his copying it. The map remained on my desk and no one copied it and no one saw it. In fact I did not open it up myself.

Attached is copy of letter I am writing Twenhofel about the map.

The Oregonian called me late Saturday and read a telegram they had received from Arizona, evidently from the press. This telegram stated in substance that the head of the Arizona Department of Mines, someone by the name of Crabtree as I recall, was responsible for the metallurgy at the plant that you are building, that this party stated that the flow sheet consisted of mainly tables and flotation, et cetera. The Oregonian wanted verification from me. I told them that I knew your policy in regard to publicity and that I was not in a position to verify any such statement. I asked them to get in touch with you at Marshfield before using the communication as news.

Sincerely yours,

Director

EKN: jr
Encl.

December 17, 1942

Mr. Edward Thornton, General Manager
Krome Corporation
Hub Building
Marshfield, Oregon

Dear Mr. Thornton:

While Dr. Patterson was in the office last week, I mentioned to him that in a discussion with United States Senator Rufus Holman of Oregon, I broached the matter of your plant and its expectation of getting into production soon. The Senator immediately stated he would like to visit the plant before going to Washington. Dr. Patterson felt that you would be quite willing to have the Senator visit your operation.

Holman telephoned me Tuesday of this week and stated that his plans had been changed because of the expected arrival of Senator Chandler, and he further stated he would like to make a trip with Chandler and perhaps Gendron of Bonneville and myself to the blimp base at Tillamook, then south to see your plant and the D.P.C. plant near Coquille.

The point of this note is to apprise you of this tentative arrangement. Don't know when the group would arrive, but would let you know a day in advance, probably by telephone.

It is always possible, of course, that the senators will change their minds and cancel the trip entirely, in which case I shall advise you not to expect the group.

If it meets your approval, I would like to make arrangements for myself and probably two other members of our Department to visit your operation some time in January after you get started.

Cordially yours,

Director

EKN: jr

December 3, 1942

Dr. J. W. Patterson
Krome Corporation
Hub Building
Marshfield, Oregon

Dear Dr. Patterson:

I am looking forward to meeting you on next Monday
and feel sure that my work is in such shape that you
may have as much of my time as you feel is necessary.

Very sincerely yours,

H. C. Harrison
Spectroscopist

HCH:jr

January 9, 1943

Mr. Edward Thornton
Krome Corporation
208 Hub Building
Marshfield, Oregon

Dear Mr. Thornton:

I am enclosing a copy of our preliminary report on the vanadium bearing deposit in Curry County. This is to be rewritten and published sometime within the next few months. The cost of this report is 25 cents per page or \$1.50.

Yours sincerely,

John Elliot Allen
Geologist

JEA:ff
Encl.

RECEIVED
FEDERAL BUREAU OF INVESTIGATION
JAN 10 1943

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

January 6, 1943

Mr. Earl K. Nixon, Director,
State Department of Geology
and Mineral Industries,
702 Woodlark Building,
Portland, Oregon.

Dear Mr. Nixon:

I wish to thank you very much for your
letter of January 4th and the contained
information.

I would appreciate a copy of the report
on this vanadium and will ask you to
please charge us for having it re-typed.

Kind regards.

Yours very truly,

KROME CORPORATION

By

Edward Thornton

Edward Thornton

ET: IB

RECEIVED
JAN 7 1943
STATE DEPT OF GEOLOGY
& MINERAL IND.

KROME CORPORATION
208 HUB BUILDING
MARSHFIELD, OREGON

December 2, 1942

Mr. H. C. Harrison,
Chief Chemist,
702 Woodlark Building,
Department of Mineral Resources,
Portland, Oregon.

Dear Mr. Harrison:

Yesterday Mr. Ray Treasher and Mr. Francis G. Wells met me in Marshfield. We are in urgent need of some spectrographic investigation. Mr. Treasher explained your set-up in Portland and suggested I contact you.

I will be in Portland Monday and Tuesday, December 7th and 8th. Will you kindly arrange to make available as much of your time as possible during this period.

Thanking you, I am

Yours very truly,

KROME CORPORATION

By



J. W. Patterson
Metallurgist

JWP:IB