DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1899

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

An Exploration Loan

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To:	Mr. Barnett	Date	8/1/51
To:	Keiser + Hosted	Date	8-3-51
To:	Jim Norton ~~F.L. KNOUSE~~	Date	2-1-52
To:	F.T. CARLSON 1347	Date	2-6-52
To:	F.L. KNOUSE 4640	Date	2-12-52
To:	Code 700	Date	R 7/6/53 ~~DDM~~ 4640
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

CLASS OF SERVICE

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

WESTERN UNION

1201

(02)

W. P. MARSHALL, PRESIDENT

SYMBOLS
DL=Day Letter
NL=Night Letter
LT=Int'l Letter Telegram
VLT=Int'l Victory Ltr.

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

WP058 PD=SPOKANE WASH 28 931A= 1951 NOV 28 PM 1 04

E R GORDON, MINOG AND RARE MINERALS BRANCH DEFENSE MINTERALS ADMINISTRATION=

RE DMA DOCKET 1899. DELAY IN FORWARDING ADDITIONAL INFORMATION DUE TO PORTER'S ABSENCE FROM SPOKANE AND SKIDMORE'S ILLNESS. HOWEVER DATA GOING FORWARD TO YOU AIRMAIL TODAY=

PORTER BROS CORP=

DMA 1899=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

Nov 28 3 57 PM '51

Field check validity of ~~lease~~ claims

Fed. Power Comm. may have withdrawn some of this land

Cabinet 45-2

For Maps & Copies of Lease - See Map Cabinet.

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 8-21-51

REFERRED TO:

1. Code 330
2.
3.
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	✓ Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS:

Check (X) before the items needing attention.

Adams
Initials of sender.
A. E. C.

GPO 16—63815-1

PORTER BROS. CORPORATION

ROBERT P. PORTER, PRESIDENT
REUEL G. PHILLIPS, VICE-PRESIDENT
DAVID L. SKIDMORE, SECRETARY AND TREASURER

411 PAULSEN BUILDING
SPOKANE 8, WASHINGTON

TELEPHONE
RIVERSIDE 0658

Beacon 2493
Portland

August 18, 1951

Mr. Weston G. Bourret, Chief
Minor and Rare Metals Branch
Defense Minerals Administration
Washington 25, D. C.

Subject: DMA-1899

Dear Mr. Bourret:

Under date of June 27, 1951 this company filed form MF-100 in connection with exploration work in Bear Valley, Valley County, Idaho, and under date of July 19, 1951 was assigned Serial Number M.S. 2129.

Under date of July 26, 1951 the company filed form MF-103, Application for Aid for exploration project. This application was filed with Defense Minerals Administration Office, Region 2, South 157 Howard St., Spokane, Washington.

Under date of August 2, 1951 we were advised by Mr. Robert E. Adams, Chief, Reports and Records Unit, that our application had been assigned Docket Number DMA-1899 and that on August 1, 1951 the application had been referred to you.

The Landlord's Subordination Agreement in connection with the property involved was not completed at the time form MF-103 was filed and Mr. A. E. Weissenborn, Executive Officer, DMA Field Team, Region 2 at Spokane, has instructed us to forward the Subordination Agreements directly to you.

Six executed copies of the Subordination Agreement are enclosed herewith and we respectfully request that they be attached to our Form MF-103 for your consideration.

Yours very truly,

PORTER BROS. CORPORATION

D. L. Skidmore

D. L. Skidmore,
Secretary and Treasurer

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951

DLS:dms

Enc.

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

Know All Men By These Presents:

Whereas, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Valley, State of Idaho, described in a certain Exploration Project Contract dated _____, 195__, between Porter Bros. Corporation, 411 Paulsen Building, Spokane 1, Washington, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated June 13, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 15 day of August, 1951

Robert L. Wilson

Robert L. Wilson

A. W. Kimball

A. W. Kimball

Robert R. Johnson

Robert R. Johnson

AND

(over)

Ellen M. Wilson
Ellen M. Wilson

Frances Roberta Wilson
Frances Roberta Wilson

Grace Eleanor Cantrall
Grace Eleanor Cantrall

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Minda Kimball

Earl Kimball
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Alvina A. Johnson

BY:

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ATTORNEYS-IN-FACT

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ATTESTED-TO-BY

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R. W. Kimball
R. W. Kimball

Robert E. Johnson
Robert E. Johnson

EXHIBIT-18-

PORTER BROS. CORPORATION

411 PAULSEN BUILDING
SPOKANE 1, WASHINGTON

ROBERT P. PORTER, PRESIDENT
REUEL G. PHILLIPS, VICE-PRESIDENT
DAVID L. SKIDMORE, SECRETARY AND TREASURER

TELEPHONE
RIVERSIDE 0658

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
NOV 30 9 04 AM '51

November 27, 1951

Defense Minerals Administration
Minor and Rare Metals Branch
Washington 25, D.C.

Attention: Mr. E. R. Gordon

Re: DMA Docket #1899
RARE + LIGHT METALS

Gentlemen:

We wish to submit additional details regarding the requirements and costs in connection with the above numbered docket.

(a) Labor

Total estimated labor costs were shown as $28,050.00. We omitted showing in this item, or elsewhere in the estimated costs, an allowance for various payroll taxes and insurance costs. The rates for these items are as follows:

Old age benefit insurance	1.5%
Unemployment insurance	3.0%
Industrial Accident Insurance	4.0%
~~Public Liability and Property Damage~~	~~1.0%~~ Not permitted by gov.
Total charges on labor	9.5%

$4.00?

These charges are based on actual payroll plus an allowance for board at the rate of $2.00 per day per man. The estimated amount of these costs on Item (a) Labor is $2,166.00 which should be added to the Labor Cost of $28,050.00, making a total of $30,216.00.

? $1881.00 [illegible]

$380.00

(b) Supervisors

Total estimated cost of this item was shown as $4,600.00. Payroll taxes and insurance on this item were omitted. The estimated amount of these costs is $408.50 which should be added to cost of supervisors, making a total of $5,008.50.

(g) Rental value of equipment owned.
Replacement cost of equipment.

1-Keystone #71 Drill, self-propelled on Caterpillar Tracks, including pipe, bits, tools and accessories	$16,415.00	55 = 32.75
1-Hillman Prospector Drill, mounted on Studebaker 6 x 6 truck, including pipe, bits, tools and accessories	14,220.00	= 237

1-GMC 4 ton flat bed truck	$3,250.00	54.—
1-International 2½ ton flat bed truck, long wheel base	4,080.00	68 —
1-International 1 ton pickup truck	2,075.00	35 —
1-GMC 1 ton flat bed truck	2,490.00	41 —
1-GMC 3/4 ton pickup truck	1,905.00	32 —
1-Ford 1/2 ton pickup truck	1,880.00	31 —
Total replacement cost	$46,315.00	$772.00

(h) Materials and supplies

This item covers all materials and supplies used in the field for drills and trucks including gas, oil, grease, sample sacks, drill cable, pipe repairs and replacement, bit sharpening and replacement, small tools, drill and truck repairs. It has been the experience of this company that these costs average approximately $40.00 per day per drill. The project is based on 2 drills for 150 days each thus indicating an estimated amount for this item of $12,000.00.

(i) 4. Laboratory work by The Galigher Company

There is outlined below in complete detail the laboratory operations performed by the Galigher Company in connection with obtaining a concentrate of the valuable minerals contained in the drill hole samples.

1. Receive and sort sacks according to drill hole numbers.
2. Check the number of sacks against drill log to determine if the entire footage of drill hole is represented.
3. Combine the various sacks as one sample containing the footage of drill hole sample to be concentrated.
4. Spread the combined sample from Step 3 on the drying floor for air drying. Samples contain 3 to 5% moisture when delivered which is reduced to less than 0.5%. Room in which the sample is dried is equipped with exhaust system to provide a movement of air for faster drying. On samples that weigh 1500 lbs. 5 to 6 days is required for drying. The space available is not adequate for drying samples of this size which prolongs the operation. During this time the material is turned and mixed to speed the drying.
5. Pick up the dry sample and weigh.
6. Cut a suitable portion of the dry sample by means of a Jones Splitter for further processing. If the material weighs less than 500 lbs. the whole sample is processed. If the sample weighs better than 500 lbs. a representative portion approximately 250 to 300 lbs. is cut for processing. The amount of material processed is estimated as the amount required to yield 2 lbs. minimum of concentrate from the minus 20 mesh fraction. On samples weighing better than 500 lbs. an equivalent weight of the material processed is labeled and held separate in case any particular sample is required for future reference. The excess of all hole samples is stockpiled in a common stockpile.

7. Screen the portion cut in Step 6 on a Hummer Vibrating Screen dressed with a 20 mesh screen. The oversize is rescreened until it contains less than 1% of minus 20 mesh material.
8. Weigh both portions of the sample.
9. Label and store the plus 20 mesh.
10. Table the minus 20 mesh fraction on a quarter-deck Deister Concentrating Table, cutting approximately 20 to 25% of the feed to concentrate. If the weight of rougher table concentrate is greater than 25 lbs. the product is retabled, reducing the weight of concentrate to approximately 25 lbs.
11. Screen the rougher or #1 cleaner concentrate on 35 and 65 mesh, producing 3-size fractions.
12. Clean the 3-size fractions separately by retabling. On the minus 20 plus 35 mesh fraction two or three cleanings are required to make a product low in quartz and feldspar. One cleaning is sufficient on the minus 35 mesh plus 65 mesh and the minus 65 mesh portions to reduce the quartz and feldspar content to the desired amount.

13. Dry concentrates and cleaner tails separately.
14. Weigh the individual concentrates and combine as one concentrate representative of the drill hole.
15. Record all weights indicated in outline on individual data sheets for each hole or part of hole. The weight of the plus 3/8 inch fraction is obtained from the drill hole log sheet.
16. Calculate the percent size distribution of the plus 3/8 inch, minus 3/8 inch plus 20 mesh, and minus 20 mesh fractions and the percent weight of concentrate.
17. Compare a weighed portion of the concentrate for radioactivity with an equal weight of high-grade monazite (95% monazite) and calculate a percent monazite equivalent.
18. Package and ship samples of concentrate to analytical laboratories for analysis.

In addition to the above operations two other factors have been investigated on certain of the drill hole samples as listed below:

1. Jig concentration of the plus 20 mesh fraction of drill hole 103B. In this test all of the plus 20 mesh material was jigged. The concentrate obtained did not contain a noticeable amount of magnetite, ilmenite, or other minerals of high specific gravity, nor did this product produce a measurable radioactive count.
2. Magnetic concentration studies on the 3 screen size fractions of concentrate from hole 57I, which are outlined as follows:
   a. Minus 20 mesh plus 35 mesh.
      1) Percent magnetite.
      2) Percent magnetics at 0.5 amperes.
      3) Percent magnetics at 1.0 amperes.
      4) Percent magnetics at 1.5 amperes.
      5) Percent magnetics at 2.0 amperes.
      6) Percent magnetics at 2.5 amperes.

b. Minus 35 mesh plus 65 mesh.
   1) Percent magnetite.
   2) Percent magnetics at 1.75 amperes.
   3) Percent magnetics at 2.5 amperes.

c. Minus 65 mesh.
   1) Percent magnetite.
   2) Percent magnetics at 1.75 amperes.
   3) Table the non-magnetic fraction of Step 2.

It is also planned that similar investigations will be made of selected samples as the drilling program proceeds. The Galigher Company charges have been based on a daily fee of $46.50 per 8 hour day. This sum includes the salaries and wages of metallurgists and laboratory technicians, in addition to the use of all the company's facilities required in the operation. The Galigher Company have assured us that this fee is positively on a break-even basis so far as they are concerned. The Galigher Company is performing this work on a cost basis because of long established friendly relations with this company and their desire to participate in any research connected with new materials.

The cost per drill hole thus far billed has been around $150.00 and the total estimate of $23,000.00 contemplated the laboratory work on 21 holes remaining to be washed from 1951 drilling and 115 holes to be put down in 1952. To this sum was added approximately $2,600.00 to cover special study and analysis which might be desirable in addition to those normally performed with an allowance for possible payroll and other increases.

(i) 5. Assaying

The estimated cost of assaying is based on assays for combined columbium-tantalum on all samples from the 34 drill holes completed during the 1951 season in addition to the proposed 115 drill holes at the rate of $50.00 per sample as quoted by Ledoux and Company, New York City for such determinations.

Yours very truly,

PORTER BROS. CORPORATION

D. L. Skidmore

By: D. L. Skidmore,
Secretary and Treasurer

DLS:dms

Dma-6899

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

July 27, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed herewith are four copies of an application for exploration loan submitted by Porter Bros. Corporation, 411 Paulsen Building, Spokane 1, Washington. Also enclosed is one copy of suggested exhibits for a contract, but we have not filled out the contract itself.

The applicant is a well known and reputable firm which has had much experience in placer mining. We suggest since Carlson of the Bureau of Mines, Boise office, is familiar with the property that he be asked to make whatever examination is necessary.

Yours sincerely,

V. C. Fryklund

V. C. Fryklund
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: U.S.B.M.-Spokane, Wn.

G-MD-JJN

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

Memorandum

To: Weston Bourret, DMA

From: J. J. Norton, USGS

Subject: Application DMA-1899 from Porter Brothers Corporation to explore a placer deposit in Idaho

The Geological Survey has no data on the Bear Valley placer deposit, for which the Porter Brothers Corporation, DMA-1899, has asked $50,000 of exploration money.

I suggest that the application be referred to the U. S. Bureau of Mines, which apparently has done work in this area. Unless the Bureau of Mines data show that the application should be denied, a field examination probably will be necessary.

Aug 14 Write to Porter Bros

J. J. Norton

J. J. Norton

Since Porter Bros has already done considerable exploration work in Bear Valley it would be most helpful to us if one could have the result of this work before proceeding further.

Mr Kline will be in Boise & vicinity, including Bear Valley from Aug 27 to Sept 4 and will discuss this with Mr Carlson & Kline, suggest that Mr Porter in touch with Mr Kline

PORTER BROS. CORPORATION

411 PAULSEN BUILDING
SPOKANE 8, WASHINGTON

ROBERT P. PORTER, PRESIDENT
REUEL G. PHILLIPS, VICE-PRESIDENT
DAVID L. SKIDMORE, SECRETARY AND TREASURER

TELEPHONE
RIVERSIDE 0658

November 9, 1951

Mr. Loston G. Bourret, Chief
Minor and Rare Metals Branch
Defense Minerals Administration
Washington 25, D. C.

Re: DMA Docket-1899
Columbium-tantalum
Uranium, Monazite,
rare earth ores.

Dear Mr. Bourret:

We submit herewith certain additional information in connection with our application for aid for the exploration project at Bear Valley, Idaho, under DMA Docket-1899.

Experience gained during the progress of the exploration work carried on by us this past season including laboratory research as well as actual drilling has indicated that the amount we originally estimated as being sufficient to carry out the program is entirely too low. We have thus far expended approximately $20,000 on the project and it can definitely be stated that there is a tremendous potential yardage of material in Bear Valley. Due to the fact that no deposit of this character has been found in this country and that no one has heretofore had any experience from which we could draw, it has been necessary for us to "pioneer" a great deal of the methods and procedures involved in handling the drill hole samples and performing the laboratory work.

We are planning under this proposal to complete the laboratory and assay work on the samples now on hand from this past season's drilling and to proceed next spring with a program designed to block out sufficient yardage to warrant installation of a dredge or dredges at an early date should the results warrant it.

As our original estimate of $50,000 is much too low to complete the project we request that it be revised to $92,000.

As you are aware, the Atomic Energy Commission is very much interested in this project and on our trip to New York this week we discussed the property and our program with Mr. Dean Frasche of Union Carbide and Carbon Company. Mr. Frasche has requested that we furnish him samples of our concentrates for assay. He stated that due to the presence of Columbium-tantalum in the material his company would be very much interested if a commercial deposit is indicated by the exploration work.

There is submitted herewith the following material:

1. Maps of the Bear Valley property on which the location of the drill holes completed is shown in black. The proposed location of 115 drill holes to be put down in 1952 is shown in red.

2. A tabulation consisting of 2 sheets showing the results of laboratory work thus far completed. The U_3O_8 and monazite determinations were furnished by Mr. M. M. Kline of SMI branch of the Bureau of Mines at Bluemont, Virginia. All other data shown was prepared by The Galigher Company at their Salt Lake City Laboratory.

3. Copy of letter dated September 6, 1951, from Molybdenum Corporation of America indicating results of their assays for Columbium-tantalum and titanium oxides on concentrate samples furnished by The Galigher Company.

4. Copy of letter dated October 2, 1951, from Vitro Chemical Company to The Galigher Company indicating results of their assays for U_3O_8 on concentrate samples submitted to them by The Galigher Company.

5. Copy of Supplementary agreement to Mining Lease dated the 31st day of July, 1951.

6. Copy of contract modifying mining lease dated the 1st day of October, 1951.

7. Supplemental information for Questions 7 and 9, Form MF-103.

8. Supplemental information for Question 10(a), Form MF-103.

9. Supplemental information for Question 21, Form MF-103 setting forth proposed additional work.

10. Revised estimate of Requirements and Costs.

We trust this information will be sufficient to expedite handling of our application in order that we may proceed immediately with the laboratory work and assaying and to prepare ourselves for the actual drilling in the field next spring. If any additional information is desired, please advise us and we will furnish it promptly.

We appreciate the courtesies extended us while in Washington and the cooperation of the various departments in assisting us in preparing this data.

Yours very truly,

PORTER BROS. CORPORATION

R. P. Porter

R. P. Porter
President

RPP:mel

C O P Y

MOLYBDENUM CORPORATION OF AMERICA
Washington
Pennsylvania

September 6, 1951

E. A. Lucas
Executive Vice President

Porter Bros. Corporation
41 Paulsen Building
Spokane, Washington

Gentlemen:

We now report as follows on samples received from you and referred to in wires of 8/20 and 8/21:

Sample No.	% Columbium & Tantalum Oxide	% Titanium Oxide	% Uranium Oxide
Test #1 855A-65 Cl. Table Conc.	3.80	8.40	None
Test #1 855C-65 Cl. Table Conc. 665	2.90	8.50	None
Test #1 855A-35/65 Cl. Table. Conc.	4.60	8.20	None
Test #1 855C-20/35 Cl. Table Conc. #2	5.50	13.00	None
Test #1 855C-35 65/Cl. Table Conc.	4.70	14.00	None

Very truly yours,

E. A. Lucas

EAL:wfb
cc-Mr. Marx Hirsch

VITRO CHEMICAL COMPANY
600 W. 33rd So. St.
Salt Lake City 15, Utah

c
o
p
y

P.O. Box 67
South Salt Lake Station

Tel: 8-1942

October 2, 1951

The Galigher Company
545 W. 8th South St.
Salt Lake City 4, Utah

Attention: Mr. Harold Wright

Dear Harold:

Our laboratory reports the following results upon the samples you submitted to us from Porter Brothers.

Our Sample No.		Your No.	Date	% U_3O_8
1488	(863A-20 plus 35)	377	8-21	0.067
1489	(863Bminus 20 plus 35)	538	8-22	0.054
1490	(863A minus 65)	810	8-21	0.052
1491	(863Aminus 35 plus 65)	1135	8-21	0.060
1492	(863B minus 35plus 65)	1507	8-22	0.071
1493	(863B minus 65)	1618	8-22	0.090

We hope these results are of some help to you. The above-numbered pulps are being returned in a separate container. If we can be of further assistance please call on us.

Yours very truly,

VITRO CHEMICAL COMPANY

M. G. McGrath

RFW:irs

Table No. 1

COPY

Hole No.	Lot No.	Test No.	Footage Tab.	Wt. in Lbs -3/8" +3/8"	Wt. in Lbs -3/8" +20 M	Wt. in Lbs -3/8" -20M	Wt. in Lbs -3/8" Total	% Wt. -3/8" +3/8"	% Wt. -3/8" +20 M	% Wt. -3/8" -20 M	-3/8" Feed to Screen Wt.	-3/8" Feed to Screen % of -3/
88-D	855-A	1	0'-21'	13.0	98.0	105.0	216.0	6.02	45.37	48.61	213.0	100.0
103-D	855-B	1	0'-18'	14.5	110.0	182.0	306.5	4.73	35.84	59.43	292.0	100.0
103-B	855-C	1	0'-18'	17.5	87.0	106.5	211.0	8.29	41.21	50.50	193.5	100.0
57-D	863-A	1	0'-24'	57.5	230.5	232.5	520.5	11.03	44.34	44.63	463.0	100.0
57-I	863-B	1	0'33'	79.5	293.0	395.0	767.5	10.37	38.14	51.49	688.0	100.0
57-K	863-C	1	0'31'	72.5	228.5	289.0	590.5	12.27	38.65	49.08	518.0	100.0
44-Q	867-A	1	0'-50'	131.5	414.5	462.5	1008.5	13.0	41.1	45.9	224.0	25.5
44-C	867-B	1	0'-82'	154.0	691.0	689.0	1534.0	10.1	45.0	44.9	348.5	25.2
44-J	867-C	1	0'-61'	111.0	470.0	433.5	1014.5	10.94	46.36	42.70	230.75	25.5
44-J	867-C	2	0'-61'	111.0	470.0	433.5	1014.5	10.94	46.36	42.70	221.0	24.5
44-J	867-D	1	61'-92'	76.0	245.5	267.0	588.5	12.9	41.7	45.4	257.0	50.2
44-2U	867-E	1	0'-88'	54.0	406.5	765.0	1225.5	4.41	33.19	62.4	289.25	24.7
44-2N	867-F	1	0'61'	34.0	368.5	591.5	994.0	3.42	37.10	59.48	299.5	31.2
44-2N	867-G	1	61'-105'	23.5	183.0	401.0	607.5	3.87	30.14	65.99	294.0	50.5
44-2G	867-H	1	0'-795'	72.5	492.5	803.9	1368.9	5.30	36.0	58.7	328.8	25.4
44-2Y	867-I	1	0'-81'	67.5	474.0	872.5	1414.0	4.77	33.50	61.73	328.0	24.4

Holes 88-D, 103-D, 103-B - Plus 3/8" fraction actually plus 1/2"

Table No. 2

C O P Y

Hole No.	Test No.	Wt. of Con. Prod.	Wt. of Con from Hole (calc)	Con % Total Wt.	Con lbs/yd.	Con U_3O_8%	lbs. U O per yd.	lbs. Monazite per cu. yd.
88-D	1	2.464	2.464	1.1411	30.8	0.012	0.0037	1.03
103-D	1	4.572	4.572	1.490	40.23	0.043	0.0173	1.92
103-B	1	2.785	2.785	1.320	35.64	0.043	0.0153	1.63
57-D	1	5.108	5.108	0.981	26.49	0.011	0.0029	0.77
57-I	1	8.059	8.059	1.050	28.35	0.022	0.0061	1.36
57-K	1	5.892	5.892	0.997	26.92	0.026	0.0050	0.84
44-Q	1	2.296	8.99	0.892	24.08	0.019	0.0046	0.50
44-C	1	2.738	10.83	0.706	19.06			0.42
44-J	1	1.637	6.215	0.613	16.55			0.38
44-J	2	1.505	6.150	0.606	16.36			
44-J	1	1.580	3.150	0.535	14.44	0.029	0.0042	0.49
44-2U	1	2.251	9.135	0.745	20.11	0.020	0.0040	0.53
44-2N	1	1.938	6.210	0.625	16.87	0.017	0.0029	0.42
44-2M	1	3.142	9.120	1.502	40.55			1.01
44-2G	1	2.891	11.390	0.832	22.46			
44-2Y	1	3.317	13.600	0.964	26.03			

Wt. of Conc. Produced is weight of conc obtained from tabling the -20 mesh portion of the -3/8" feed to screen (Table No. 1)

* If all the radioactivity were attributed to monazite.

Porter Bros. Corporation
Hill Paulson Building
Spokane 1, Washington

DMA docket-1692
Prospecting-Bear Valley, Idaho
Columbite-tantalite, uranium, monazite, rare earths

Supplemental information in connection with data furnished with the following forms previously submitted:

(1) Form MF-100 dated June 27, 1951
(2) Form MF-103 dated July 26, 1951

THE ARRANGEMENT

Form MF-103 Question 7

The lease submitted with Form MF-103 has been modified in certain respects and copies are furnished herewith of the supplementary agreement dated July 31, 1951, and of the modifying agreement dated October 1, 1951.

The lease is in good standing.

Form MF-103 Question 9

Approximately $20,000 has thus far been invested by this company in the project. The company is prepared to invest an additional $9,200.00 which is sufficient to pay the company's part of the project as detailed in Question 23.

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE EXPLORATION
(Supplemental Information)

Form MF-103 Question 21

Form MF-103, as filed, detailed the then proposed work and methods to be used. The company proceeded with the drilling program during the 1951 season and put down 34 drill holes as indicated in black on the accompanying maps.

Drill samples from 15 holes have been shipped to The Gallagher Company at Salt Lake City where they were concentrated to determine the weight of black minerals per cubic yard and other pertinent information. After several holes had been processed we were instructed to forward representative samples of the concentrates to the laboratory of the Special Minerals Branch of the Bureau of Mines at Bluemont, Virginia, for determinations of radio-active materials. Results of the work thus far completed by The Gallagher Company and the Bureau of Mines at Bluemont are shown on tabulations furnished herewith.

The further work proposed to be done on this project and for which aid is requested consists of the following:

1. Preparation and shipping of concentrate samples now on hand at The Gallagher Company to the following for assaying:

   (a) Bureau of Mines, Bluemont, Virginia
   (b) Atomic Energy Commission, New York, N. Y.
   (c) Union Carbide and Carbon Company, New York, N.Y.
   (d) Ledoux and Company, New York, N. Y.
   (e) Such other laboratories as may seem advisable.

2. Handling and shipping the balance of the past season's drill hole samples from our warehouse to The Gallagher Company at Salt Lake City.

3. Concentrating and laboratory determinations by The Gallagher Company on the past season's drill hole samples which have not yet been completed.

4. Preparation and shipping of concentrate samples from above drill hole samples to the various laboratories listed in 1 above.

5. Opening of roads to the property in the spring of 1952 to permit early resumption of the drilling program.

6. Proceeding with a drilling program in 1952 designed to determine the value and extent of the deposits on the leased property with a view to install a mining operation thereon. The proposed location of 115 drill holes is indicated in red on the maps furnished herewith.

7. All necessary sacking, transporting and delivery of the drill hole samples to The Gallagher Company in the same manner as handled in the 1951 season.

8. All concentrating and laboratory determinations on the samples by The Gallagher Company.

9. Preparation and shipping of concentrate samples to the various laboratories listed in 1 above.

It is estimated that the time required for the project in the field will be approximately 150 working days for two drills. It is estimated that the laboratory and assay work will require an additional 90 days after completion of the drilling in the field.

The uncertainty of weather conditions in the project area which may delay opening up the ward in the spring and curtail it in the fall makes it impossible at this time to state that the field work can be completed in the 1952 season. Furthermore, the complexity of the material and the fact that most assay laboratories are overcrowded with work may extend the time required to complete the project beyond that now anticipated. In any event, however, it is estimated that the entire program will be completed by October 31, 1953.

[illegible] Corporation
[illegible] Building
[illegible] Washington

THE [illegible] AND COSTS
(Revised)

Summary of Estimated Costs

(a)	Labor	[illegible]
(b)	Supervisors	[illegible]
(c)	Repairs to existing facilities (none)	[illegible]
(d)	Construction of additional facilities	[illegible]
(e)	Equipment to be purchased (none)	[illegible]
(f)	Equipment rental	[illegible]
(g)	Rental value of equipment owned	[illegible]
(h)	Materials and supplies	[illegible]
(i)	Laboratory and miscellaneous	[illegible]
	Total	[illegible]

Details of Estimated Costs

(a) Labor

2,400 hrs. drillers (2) @ [illegible]	[illegible]
2,400 hrs. drill helpers (2) @ $1.50	3,600.00
2,400 hrs. panners (2) @ $1.75	4,200.00
4,800 hrs. labor (4) @ $1.50	7,200.00
	[illegible]
Board for 10 men @ [illegible] per day each for 150 days	6,000.00
3 cabins @ $5 per day each for 150 days	2,250.00
Total labor cost	$ 28,050.00

(b) Supervisors

1-Engineer-supervisor - 5 months @ $500	$ 2,500.00
Board @ $4 per day for 150 days	600.00
1-Clerk-5 months @ $300	1,500.00
Total supervisors	$ 4,600.00

(c) Repairs to existing facilities — none

(d) Additional facilities

No plans have been made to provide housing and boarding facilities for the drill crews. During the past season the men were housed and boarded at Deadwood Lodge, a commercial establishment located 14 miles from the project. The Company paid $4 per day per man for board and $5 per day for a cabin.

Should it be deemed advisable to provide board and sleeping accommodations on the project next spring, it is estimated that the cost of such facilities would be approximately $3,500 which sum is included in the summary above.

(e) Equipment to be purchased — none

(f) Cost of rental for equipment proposed to be rented

In order to commence operations as early as possible next season, it will be necessary to rent a caterpillar tractor to clear the snow from the road to the property. It is estimated that this work will require 15 days of 8 hours per day. Rental of the equipment is estimated at $12 per hour.

Total rental 120 hours @ $15	1,800.00

(g) Rental value of equipment owned

1 - Keystone #71 drill, self-propelled on caterpillar tracks, including pipe, bits, tools and accessories	$ 350.00 per month
1 - Hillman Prospector drill, mounted on Studebaker 6 x 6 truck, including pipe, bits, tools and accessories	350.00 per month
1 - GMC 1/2 ton flat bed truck	150.00 per month
1 - International 2½ ton flat bed truck	150.00 per month
1 - International 1 ton pickup truck	100.00 per month
1 - GMC 1 ton flat bed truck	100.00 per month
1 - GMC 3/4 ton pick-up truck	100.00 per month
1 - Ford 1/2 ton pick-up truck	100.00 per month
	~~$1,100.00~~ per month 7900
Total rental value 5 months	~~7,000.00~~ 3,860.00

(h) All materials and supplies required for operation of drills and trucks and for the handling, transporting and shipping of drill hole samples and concentrates $ 12,000.00 (3)

(i) 1. Cost of loading, shipping and delivery to the project of 1-Hillman Prospector Drill now at Nogales, Arizona. 950.00 (4)

2. Cost of trucking and freight charges on drill hole samples from field to warehouse and from warehouse to The Gallagher Company at Salt Lake City. 3,100.00 (5)

3. Rental of warehouse not owned - 10 months @ 50 × 500.00 (6)

4. Cost of charges by The Gallagher Company for concentrating and laboratory determinations on drill hole samples and concentrates, preparation of and shipment of samples to laboratories - Total estimated cost 23,000.00

5. Assaying costs - Total estimated 7,500.00

Total estimated cost item (i) 35,050.00

115 - New samples
21 - old "
136 - repeat "

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

EXHIBIT A

The exploration project and work to be performed consists of churn drilling to determine the value and extent of placer deposits of uranium-bearing ores, samarskite, euxenite, columbium-tantalum, monazite and rare earth ores. The churn drill samples will be sacked and shipped to the Galigher Company at Salt Lake City for exhaustive laboratory work. The Galigher Company has arranged to work in cooperation with the Bureau of Mines at Salt Lake City in the determinations relative to radioactive material. Costs of the project will include preparation and loading of equipment for shipment to the property, the cost of drilling, sacking and shipping of samples and the laboratory work to be performed by the Galigher Company. In the summary below the estimated cost of the laboratory work and the preliminary work prior to the commencement of drilling, including the transportation of equipment to the property, in addition to the actual drilling costs, is included in the estimated cost per foot of drilling.

Summary of Estimated Costs:

8,000 ft. of churn drill holes at $5.00	$40,000
Equipment cost	6,500
Facilities for housing drill crews	3,500
Total	$50,000

Porter Bros. Corporation
411 Paulsen Building
Spokane, 1, Washington

EXHIBIT B

Facilities and Buildings

At the present time with but one drill crew in the field, it would be uneconomical to provide housing and boarding facilities for such a small number of men. Should it be decided to increase the number of drill crews, it might then be desirable to provide sleeping and boarding facilities. The estimated cost for such facilities is $3,500.

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

EXHIBIT C

Equipment Required:

(a) No equipment will be purchased for the project.

(b) No equipment will be rented for the project.

(c) Equipment owned by the company and employed on the project with rental value is as follows:

1-Keystone #71 Drill, self-propelled on Caterpillar tracks, including pipe, drill bits, tools and accessories	$350.00	per	month
1-GMC four ton flat bed truck	100.00	"	"
1-International 1 ton pickup truck	100.00	"	"
1-Ford 1/2 ton pickup truck	100.00	"	"
Total	$650.00	"	"

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

EXHIBIT D

Each drill crew will consist of the following classifications:

1-driller at $1.75 per hour, plus board and room.
1-Drill helper at $1.50 per hour, plus board and room.
1-Panner at $350 per month, plus board and room.

Employees on an hourly basis are paid time and one half for hours worked in excess of 40 hours per week. One engineer is employed on the project. His salary is not included in the costs set forth above, however, his board, room and travelling expense will be charged to the cost of the project.

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

EXHIBIT E

All existing facilities on the property and the property itself will be used in the project without cost to the Government, however, at the present time with but one drill crew in the field, arrangements have been made to board and house the men at Deadwood Lodge, located approximately 14 miles from the property. The company pays $5.00 per day for the cabin in which the men are housed and $4.00 per day per man for meals furnished by the Lodge. As stated in Exhibit D, the men receive their board and lodging in addition to the wages and salaries set forth in such Exhibit.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

AUG 1 7 1951

Mr. [illegible] L. Skidmore, [illegible]retary
[illegible]rter Brothers [illegible]poration
[illegible]11 [illegible]alsen Building
Spokane 1, Washington

Re: [illegible]our Valley
Columbite-[illegible]ite [illegible]acer
[illegible] Docket - 1[illegible]99

Dear Mr. Skidmore:

Your application, [illegible] Docket 1[illegible] [illegible] July 26 [illegible] an exploration project in the amount of [illegible] has been received by the Minerals and Rare Metals Branch.

Since Porter Brothers has already done considerable exploration work in Bear Valley, including drilling, it would be most helpful to us if we could have the results of this work before proceeding further.

Mr. [illegible] Kline will be in the vicinity of Boise, Idaho, including Bear Valley, from August 21 to September 4 and would like to discuss this proposal with you on behalf of [illegible]. Therefore I suggest that you get in touch with Mr. Kline, c/o W. [illegible] [illegible] at [illegible], Bluemont, Virginia, [illegible] in the Boise area.

Yours very truly,

/s/ Theodore Bourret

Weston Bourret, [illegible]
Minerals and Metals Branch

WBourret/ch 8-15-51
cc: Adm. Head. File
Reports and Records
Lyon
Bourret
Kline
Morton
Field Team II
Files

August 2, 1951

Mr. D. L. Skidmore
Secretary & Treasurer
Porter Brothers Corporation
411 Paulsen Building
Spokane 1, Washington

Subject: DMA-1899
Re: Exploration Loan - Atom Bomb, Bear Valley No. 1 to 16, Buzzard, Cache Creek, Canyon, etc.

My dear Mr. Skidmore:

Receipt is acknowledged of your application and attachments of July 26, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1899 and referred to Mr. Weston G. Bourret, Chief, Minor and Rare Metals Branch on August 1, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1899.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Reports & Records Unit

R. E. Adams:jc
cc: Adams
File
✓Bourret
Lyon

21
115
136
1350
6800
136
20400
2600
23,000

115
34
149
150
7450
149
22,350

149
50
7450

115
21
14

19.94 35¼

Jan. 26 1945
A.E.C.
U.S. B.M.
Great Forces

4772a – Wood

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

December 12, 1951

Memorandum

To: Director, Production Expansion Division

From: Chief Counsel

Subject: Porter Brothers Corp., Exploration Project Contract, Docket No. DMA-1899

The subject contract, submitted to this office in draft form, needs the following corrections:

1. If the applicant is the lessee of the property, strike out Article 2(a) of the contract form.

2. I have indicated in pencil revisions of Exhibit "A" to put it under two main heads "Description of the Work" and "Estimate of Costs" to be written across the middle of the page.

Under the heading "Estimate of Costs" I have indicated two subheads "Summary" and "Details of Costs."

The Summary sets forth an estimate of the total cost at $89,184. It would be much preferable if the "Details of Costs" could be so set forth and organized that the total will balance with the Summary in the sum of $89,184. To do this it will be necessary to fill in the amount to be applied to labor, materials, and supplies, and perhaps for some of the other items in the Summary. The point is, that the Summary should be derived from the detailed statement, and the two amounts should be equal.

In the Summary is an item "Housing and Boarding facilities." One cannot ascertain just from this item whether this refers to constructing and equipping a building or just what the item is. It should be referred to in the "Description of the Work," and described there with sufficient certainty to ascertain what it is.

In the Summary is an item "Materials and supplies for all field work -- $12,000.00." This seems to me rather

sketchy for such a large item. If possible, it should be set forth in the "Details" to show at least what the principal items are.

In the Summary is an item "Processing of samples by the Galigher Company -- $23,000.00." If possible, this item also should be shown in the "Details" with some reasonable detail as to its elements.

It seems anomalous to set forth in the "Details" the precise manner of arriving at the depreciation to be allowed on the Operator's equipment in the amount of $3,860, and to set forth in the Summary only, without any detail at all, such large items as $12,000 and $23,000.

Please refer to the pending circular entitled "Exhibit 'A' -- Form of Statement", a copy of which can be supplied here if you do not have one available.

3. Under the title "Operating Equipment", subtitle "To be rented", is an item "D-8 Bulldozer, 120 hours at $15 per hour -- $1,800.00." Assuming that this means "with operator and including all fuel, supplies, and other costs", it should be so stated. Also, if "per hour" means "per hour of actual operation", it should be so stated.

J. L. Hofflund
Chief Counsel

Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

December 12, 1951

Memorandum

To: Director, Production Expansion Division

From: Chief Counsel

Subject: Porter Brothers Corp., Exploration Project Contract, Docket No. DMA-1899

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sketchy for such a large item. If possible, it should be set forth in the "Details" to show at least what the principal items are.

In the Summary is an item "Processing of samples by the Galigher Company -- $23,000.00." If possible, this item also should be shown in the "Details" with some reasonable detail as to its elements.

It seems anomalous to set forth in the "Details" the precise manner of arriving at the depreciation to be allowed on the Operator's equipment in the amount of $3,860, and to set forth in the Summary only, without any detail at all, such large items as $12,000 and $23,000.

Please refer to the pending circular entitled "Exhibit 'A' -- Form of Statement", a copy of which can be supplied here if you do not have one available.

3. Under the title "Operating Equipment", subtitle "To be rented", is an item "D-8 Bulldozer, 120 hours at $15 per hour -- $1,800.00." Assuming that this means "with operator and including all fuel, supplies, and other costs", it should be so stated. Also, if "per hour" means "per hour of actual operation", it should be so stated.

J. L. Hofflund

J. L. Hofflund
Chief Counsel

Attachment

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

REFERRED TO: DATE 12/5/51

1. Mr. Hoffland
2.
3.
4.

FOR:

- Action
- Approval
- Comment
- Conference
- Consideration
- Filing
- Instructions
- Investigation
- Initials
- Mailing
- Previous correspondence
- Recommendation
- Record
- Referring of ____ to ____
- Reply for signature of ____
- Rewriting
- Signature
- Suggestions
- Your information

RECEIVED
DEC 5 1951
GENERAL COUNSEL
DEFENSE MINERALS ADMINISTRATION

REMARKS: For review.
Please return to E. R. Gordon,
Room 3538, for finalizing.

Check (X) before the items needing attention.

E. R. Gordon
Initials of sender.

GPO 16—63815-1

MF-200
(June 1951)

Docket No. DMA 1899
Commodity Monazite
Cb, U

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

It is agreed this ..... day of ....., 195..., between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and[2] Porter Brothers Corp. (Incorporated) 411 Paulson Building Spokane 1, Washington hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Idaho, County of Valley described as follows:[3] 34 placer mining claims located in Sections 2,3,10,15,22 of T11N, R8E; Sections 25,34,35,36 of T12N, R8E; Sections 3,4,9,10,16,17,20,29,30 of T12N, R9E; Sections 23,24,26,27,34,35 of T13N, R9E; all of the Boise Meridian and recorded in Book 5 of Placer Mining Records in the office of the County Recorder, with names and description on attached "Annex". with respect to which the Operator represents and undertakes:[4]

~~(a) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:~~

(b) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor ~~is attached~~.

3. *Exploration project.* The Operator, within thirty days from the date of this contract shall commence work on a project of exploration for[5] Monazite, Columbium, Uranium; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of[6] two years from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Any additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* An itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project is set forth in Exhibit "A" attached hereto.

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

10. *Allowable costs of the project.* The costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, analytical work, accounting, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in this contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, taxes, or any other indirect costs not expressly allowed by these provisions, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 90 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $80,265.60, which is 90 percent of the agreed estimated total cost of this project, $89,184.00.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

15. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter, shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent for each additional full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the mineral deposit which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

16. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

17. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

Porter Brothers Corp. (Incorporated)
(Operator)

By _____

Acting Administrator, DMEA

By _____

U. S. GOVERNMENT PRINTING OFFICE 16—64066-2

ANNEX

CLAIMS	Placer Book	Original Page	Placer Book	Amended Page
Atom Bomb	5	177		
Bear Valley No. 1	5	580	5	69
Bear Valley No. 2	5	581	5	70
Bear Valley No. 3	5	582	5	72
Bear Valley No. 4	5	583	5	73
Bear Valley No. 5	5	584	5	74
Bear Valley No. 6	5	600	5	78
Bear Valley No. 7	5	601	5	79
Bear Valley No. 8	5	602	5	80
Bear Valley No. 9	5	603	5	82
Bear Valley No. 10	5	604	5	83
Bear Valley No. 11	5	605	5	84
Bear Valley No. 12	5	606	5	86
Bear Valley No. 13	5	607	5	87
Bear Valley No. 14	5	608	5	88
Bear Valley No. 15	5	195		
Bear Valley No. 16	5	196		
Buzzard	5	185		
Cache Creek	5	176		
Canyon	5	184		
Cub Creek	5	186		
Cook Creek	5	170		
Duke	5	182		
Elk Creek	5	169		
Frosty	5	179		
Lot 4	5	183		
Pole Creek	5	171		
Sack Creek	5	178		
Sheep Trail Creek	5	181		
South Forty	5	172		
Transfer	5	180		
White Hawk No. 1	11N-8E 5	609	5	76
White Hawk No. 3	" " 5	197		
White Hawk No. 4	" " 5	198		

EXHIBIT A

Description of the Work

~~Exploration Project~~

Explore a large area of placer ground, where drilling has indicated the presence of monazite together with some columbium-tantalum and uranium bearing minerals, by drilling 115 churn drill holes of approximately 6" diameter and estimated average depth of 50 feet, for an estimated total of 5,750 feet of drill hole. Lines for the holes are to be approximately 1,500 feet apart, with holes spaced at 200 feet or more along the lines, as outlined on accompanying map. The minus 3/8" material from the 115 drill holes, together with similar material from 21 drill holes drilled on the site during preliminary exploration work, is to be sacked and shipped to the Galigher Company, Salt Lake City, for drying, concentration and testing, following which samples will be sent elsewhere for assaying. Allowance is made for assaying samples from all above mentioned work plus fourteen samples already processed by the Galigher Company. Snow must be cleared from the 72 mile road leading to the property to permit starting work as early as possible next season. No work is to be done on ground withdrawn by the Government from entry unless the withdrawal is revoked.

Time Schedule. It is estimated that 150 days or five months of field work plus a further three months to complete processing the drill-hole samples, a total of eight months, will be required to complete the project. However, because of extreme weather conditions, start of drilling might be delayed until after June 1, 1952, and completion of drilling only be possible in the 1953 season. Processing of samples

from the previously drilled holes may commence promptly. In view of the foregoing, it is proposed to start work promptly and to complete the project within two years following approval of the contract. Time schedule (tentative) is as follows:

First Quarter. (Actual working time). Start processing samples of drill-holes; drill approximately 69 drill holes.

Second Quarter. (Actual working time). Drill 46 drill-holes, completing drilling program; continue processing samples from drilling.

Third Quarter. (Actual working time). Complete processing drill-hole samples including assay thereof, submit report to Government with maps, logs of all drill-holes, all sample data and assay returns, and evaluation of results obtained.

~~Estimated Costs~~. Estimate of Costs

Summary

Labor and supervision, including payroll taxes and board.	$32,974.00
Housing and boarding facilities	3,500.00 ?
Rental of warehouse, 10 mo. at $50 monthly	500.00
120 hours, bulldozing snow from road	1,800.00
Depreciation of equipment	3,860.00
Transport of Hillman drill, Arizona to drilling site	950.00
Materials and supplies for all field work	12,000.00
Preparation and shipping samples, field to the Galigher Company, Salt Lake City	3,100.00
Processing of samples by the Galigher Company	23,000.00
Assaying (Cb_2O_5-Ta_2O_5, etc.) approximately 150 samples at $50 each	7,500.00
TOTAL ESTIMATED COST OF PROJECT	$89,184.00

Details of Costs

Fixtures and Improvements

Bunkhouse and boarding facilities	$ 3,500.00 ?

Operating Equipment

To be rented.

D-8 Bulldozer, 120 hours at $15 per hour	1,800.00

To be supplied by operator.

1 Keystone #71 Drill, self-propelled on Caterpillar Tracks, including pipe, bits, tools and accessories	16,415.00
1 Hillman Prospector Drill, mounted on Studebaker 6 x 6 truck, including pipe, bits, tools and accessories	14,220.00
1 GMC 4-ton flat bed truck	3,250.00
1 International 2-1/2 ton flat bed truck, long wheel base	4,080.00
1 International 1-ton pickup truck	2,075.00
1 GMC 1-ton flat bed truck	2,490.00
1 GMC 3/4-ton pickup truck	1,905.00
1 Ford 1/2-ton pickup truck	1,880.00
TOTAL TO BE SUPPLIED BY OPERATOR	$46,315.00
Allowable depreciation, $772.00 per month for five months	3,860.00

To be purchased.

Not applicable.

Labor and Supervision

2 Drillers	$2.00 per hour, plus board
2 Drill helpers	1.50 per hour, plus board
2 Panners	1.75 per hour, plus board
4 General	1.50 per hour, plus board

Labor and Supervision (Continued)

1 Engineer - Supervisor	$500 per month, plus board
1 Clerk, part time, up to	300 per month

Rehabilitation and Repairs

Not applicable.

Form MF-168
(April 1951)

U. DEPARTMENT OF THE INTERI
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma-1899

Date received 7/30/51

Participation

Porter Bros. Corporation
411 Paulsen Bldg.
Spokane 1, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 30 1951
LAMON R. CORBEL
Executive Secretary

Name and address of applicant

Date July 26, 1951

FILL IN THIS BLOCK

Date of application July 26, 1951

Estimated cost $50,000.00

Mineral or metal Uranium, Columbium-tantalum, Monazite, rare earth ores.

Percentage of Government participation 90%

Location of mine Bear Valley, Valley County (Idaho)

Date of filing MF-100 June 27, 1950

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT (See Sheets Attached)

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY (See Sheets Attached)

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION (See Sheets Attached)

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS (See Sheets Attached)

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

PORTER BROS. CORPORATION
(Name of company)

By D L Skidmore
(Signature of authorized official)

July 26, 1951
(Date)

D. L. Skidmore
Secretary and Treasurer
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Porter Bros. Corporation
411 Paulsen Bldg.
Spokane 1, Washington

THE APPLICANT

1. See MF-100

2. See MF-100

3. See MF-100

4. See MF-100

5. Lessee - See MF-100

6. Lessee

7. Copy of lease is attached. The lease is in good standing.

8. Financial statement as of July 10, 1951 is attached. As the company is not operating at the present time, but is engaged in exploration work only, no profit and loss statement is available.

9. The company is prepared to invest $5,000 in the proposed project. This sum is sufficient to pay the company's part of the cost of the project as detailed in question 23 of this application.

PORTER BROS. CORPORATION
BALANCE SHEET AS OF JULY 10, 1951

ASSETS

CASH		
On Deposit in Banks	$ 2,436.37	
On Hand	25.00	$ 2,461.37
ACCOUNTS RECEIVABLE		
Due within 30 days	$ 3,843.52	
Insurance Deposits	300.00	
Other	2,500.00	6,643.52
SUPPLIES ON HAND		6,757.10
PREPAID INSURANCE		1,813.28
PLANT AND EQUIPMENT		
Buildings	$ 14,222.25	
Dredge and Equipment	196,375.77	
Office Equipment	5,514.89	
Prospecting Equipment	14,962.24	
Surveying Equipment	1,033.78	
Shop Equipment - Machinery	7,939.43	
Shop Equipment - Small Tools	238.03	
Autos and Trucks	12,662.10	
Water Supply System	12,075.75	
Water Supply Machinery	2,855.49	
Gas Line	11,534.18	
		279,413.91
MINE PROPERTIES - HELENA, MONTANA		
Lands and Leases	$202,902.10	
Prospecting	43,270.51	246,172.61
EXPLORATION - OTHER PROPERTIES		8,686.25
TOTAL ASSETS		$551,948.04

LIABILITIES AND CAPITAL

LIABILITIES		
Accrued Taxes Payable	$ 41.09	
Accrued Compensation Insurance	7.31	
Advances by stockholders	27,844.79	
Miscellaneous Accounts Payable	1,425.84	
TOTAL LIABILITIES		$ 29,319.03
RESERVES		
Reserve for Depreciation	$269,990.26	
Reserve for Depletion	506,429.91	
TOTAL RESERVES		776,420.17
CAPITAL		
Capital Stock Outstanding - 1,100 shares @ $100		110,000.00
		$915,739.20
SURPLUS ACCOUNT - Deficit		363,791.16
		$551,948.04

Note: See Note re Balance Sheet Attached

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

NOTE RE BALANCE SHEET

In reviewing the attached balance sheet it is to be noted that the amounts shown as "Reserve for Depreciation" and "Reserve for Depletion" have been taken from the ledger accounts and reflect the figures used in prior years to determine net income for income tax purposes.

The company was permitted to write its equipment down on prior operations to a small salvage value. Depletion was taken on the percentage basis.

The sum of $269,990.26 shown as "Reserve for Depreciation" when applied to the cost of the equipment results in a net depreciated value of $9,423.65, whereas it is considered that the equipment has a utility value of not less than $150,000.00. Therefore, excess depreciation in the sum of $140,576.35 should be taken into account.

The sum of $506,429.91 shown as "Reserve for Depletion" represents percentage depletion as taken and allowed on mining properties which cost $246,172.61. Therefore, excess depletion in the sum of $260,257.30 should be taken into account.

In order to properly determine the company's net worth, the following adjustments in the "Surplus Account" would be appropriate:

Surplus account as per statement - Deficit		($363,791.16)
Adjust for excess depreciation	$140,576.35	
Adjust for excess depletion	260,257.30	400,833.65
Surplus account as adjusted		$ 37,042.49

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE PROPERTY

10. (a) The property consists of 34 placer mining claims located in Sections 2, 3, 10, 15, Tp. 11 N, R. 8 E; Sections 26, 30, 34, 35, 36, Tp. 12 N, R. 8 E; Sections 3, 4, 9, 10, 16, 17, 20, 29, Tp. 12 N, R. 9 E; Sections 23, 24, 26, 27, 34, 35, Tp. 13 N, R. 9 E, of the Boise Meridian.
The placer claims located in the above Sections are recorded in the office of the County Recorder of Valley County, Idaho, in Book 5 of Placer Mining Records. At the pages hereinafter designated the names of the claims and the pages at which the location certificates are recorded in Book 5 of Placer Mining Records are as follows:

CLAIMS	Original Placer Book	Original Page	Amended Placer Book	Amended Page
Atom Bomb	5	177		
Bear Valley No. 1	5	580	5	69
Bear Valley No. 2	5	581	5	70
Bear Valley No. 3	5	582	5	72
Bear Valley No. 4	5	583	5	73
Bear Valley No. 5	5	584	5	74
Bear Valley No. 6	5	600	5	78
Bear Valley No. 7	5	601	5	79
Bear Valley No. 8	5	602	5	80
Bear Valley No. 9	5	603	5	82
Bear Valley No. 10	5	604	5	83
Bear Valley No. 11	5	605	5	84
Bear Valley No. 12	5	606	5	86
Bear Valley No. 13	5	607	5	87
Bear Valley No. 14	5	608	5	88
Bear Valley No. 15	5	195		
Bear Valley No. 16	5	196		
Buzzard	5	185		
Cache Creek	5	176		
Canyon	5	184		
Cub Creek	5	186		
Cook Creek	5	170		
Duke	5	182		
Elk Creek	5	169		
Frosty	5	179		
Lot 4	5	183		
Pole Creek	5	171		
Sack Creek	5	178		
Sheep Trail Creek	5	181		
South Forty	5	172		
Transfer	5	180		
White Hawk No. 1	5	609	5	76
White Hawk No. 3	5	197		
White Hawk No. 4	5	198		

10. (b) Same as 10. (a)

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE PROPERTY (Cont)

11. See MF-100

12. See MF-100

13. See MF-100

14. See MF-100

15. At present it is planned to ship dredge concentrates by truck to Cascade, Idaho where a separation plant will be installed to further concentrate and separate the various minerals. The concentrates from this plant will be shipped from Cascade by Union Pacific Railroad to the ultimate purchasers.

16. See MF-100

17. See MF-100

18. See MF-100

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411 Paulsen Building
Spokane 1, Washington

THE EXPLORATION

20. The minerals for which the exploration is to be conducted are uranium-bearing ores, samarskite, euxenite, columbium-tantalum, monazite and rare earth ores in placer deposits.

21. The prospecting work is being done by churn drilling to determine the value and extent of such deposits. This company has made arrangements with the Galigher Company at Salt Lake City for exhaustive laboratory work on the churn drill, samples which will be shipped direct from the property to the Galigher Laboratory. The Galigher Company has arranged to work in cooperation with the Bureau of Mines at Salt Lake City in the determinations relative to radio-active material. It is estimated that it will require ten months of active exploration work to complete the project.

22. Surface samples taken from this property in the fall of 1950 by the Bureau of Mines acting for the Atomic Energy Commission indicated the presence of several of the above minerals. Extensive laboratory work was performed on this material during the past winter by the Bureau of Mines for the Atomic Energy Commission. The laboratory work was carried on at the Bureau of Mines at Mt. Weather, Bluemont, Virginia, under the direction of Mr. M. H. Kline, Chief of the Special Minerals Branch.

Results of the research work at Bluemont were of such nature that the Atomic Energy Commission has appropriated a considerable sum of money to be expended by the Bureau of Mines to carry out an extensive program of churn drilling on the property and further laboratory research during the summer of 1951.

The work to be performed by the Bureau of Mines will determine in a general way the extent and value of the deposit. The work which has been undertaken by this company is for the purpose of definitely blocking out mining areas with a definite plan to install a dredge, or dredges, or other digging equipment and a separation plant, or plants, which might be necessary to re-cover the minerals contained in the deposit.

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE
REQUIREMENTS AND COSTS

Summary of Estimated Costs

8,000 ft. of churn drill holes at $5.00	$40,000
Equipment cost	6,500
Facilities for housing drill crews	3,500
Total	$50,000

23. (a) One drill crew consists of one driller at $1.75 per hour, plus board and room.
One drill helper at $1.50 per hour, plus board and room.
One panner at $350.00 per month, plus board and room.
Employees on a hourly rate basis are paid time and one half for hours worked in excess of 40 hours per week. The work performed by the panner consists of screening and sacking the drill hole samples.

One drill only is now employed on the operation. If results from the first few holes indicate the advisability of putting on two shifts on this drill, such action will be taken. Furthermore, the company owns and has available a second drill which will be employed on the project if results indicate it is desirable.

23. (b) One engineer is in charge of the project. His salary is not included in the costs set forth above, however, his board, room, and travelling expense will be charged to the cost of the project.

23. (c) None

23. (d) At the present time with only one drill crew in the field, it would be uneconomical to provide housing and boarding facilities for such a small number of men. Therefore, no provision has been made to construct such facilities at this time. The men are living at Deadwood Lodge, located approximately 14 miles from the property. A charge of $5.00 per day is made for the cabin in which the men are housed and meals are furnished by the Lodge at $4.00 per day per man.

Should it be decided to increase the number of drill crews, it might then be desirable to provide sleeping and boarding facilities. The estimated costs for such facilities are included in the summary above.

23. (e) None

23. (f) None

23. (g)

1 - Keystone #71 Drill, self-propelled on Caterpillar tracks including pipe, drill bits, tools and accessories	$350.00	per	month
1 - GMC four ton flat bed truck	100.00	"	"
1 - International 1 ton pickup truck	100.00	"	"
1 - Ford 1/2 ton pickup truck	100.00	"	"
Total	$650.00	"	"

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE REQUIREMENTS AND COSTS (Cont.)

23. (h) Materials, supplies and repairs are estimated to cost approximately $40.00 per shift per drill.

23. (i) In the summary of the estimated costs shown above, the cost of $5.00 per foot for drill holes is intended to include, in addition to the cost of actual drilling, the cost of sacking, handling, transportation and laboratory work to be performed by the Galigher Company at Salt Lake City. Preparation and loading of equipment for shipment to the property began on June 16, 1951 and actual drilling operations commenced June 25, 1951. The cost of the preliminary work and cost of freight and truck transportation to the property are included in the estimate of cost per foot of drill holes, and is intended to be made a part of the total cost of the exploration project.

24. It is expected that a period of 10 months exploration work will be required to obtain information sufficient to determine if the property contains sufficient mineral to justify installation of mining, concentrating and separating equipment. It is estimated that the monthly expenditures will average approximately $5,000 during this period. The amount expended monthly will depend upon the number of drill crews employed on the property. It is expected that severe winter weather conditions may force suspension of the exploration work for a period of several months during the coming winter. However, it is expected that the entire exploration program will be completed by the end of the 1952 season.

FILE COPY
SURNAME:
Docket
F.L. Knouse
Notentry

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Mr. E. P. Porter, President
Porter Bros. Corporation
411 Paulsen Building
Spokane 8, Washington

Re: Docket No. DMA-1899X (Monazite, Tantalum, Columbium, Uranium)
Deep Valley Placer
Valley County, Idaho

Dear Mr. Porter:

Reference is made to the captioned application and also our letters to you dated December 16, 1952, and April 23, 1953, in which we requested certain data required to process your application.

Mr. W. L. Skidmore, Secretary and Treasurer of your company, acknowledged our letter of April 23, advising that these communications would receive your attention upon your return to Spokane.

Nothing further has been received from you and we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data has not been received by July 31, 1953, we will then consider the docket closed.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

FLKnouse/gla/db
7-3-53
cc to: Adm. Reading File
Docket
Messrs: E.J.Carlson, Rm. 3649
D.M.Larrabee, Rm.G-232,CSA
R.F.Griffith, Rm. 3641-A
H.D.Keiser, Rm. 3641
A.P.Butler,Jr., Rm.3206,CSA
Ellis
Knouse
DMEA Field Team, Region II (2)

5/19/53 gle

PORTER BROS. CORPORATION

411 PAULSEN BUILDING
SPOKANE 8, WASHINGTON

ROBERT P. PORTER, PRESIDENT
REUEL G. PHILLIPS, VICE-PRESIDENT
DAVID L. SKIDMORE, SECRETARY AND TREASURER

TELEPHONE
RIVERSIDE 0658

May 7, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 12 1953

Mr. Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
United States Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Docket No. DMA-1899X (Monazite,
Tantalum, Columbium, Uranium)
Bear Valley Placer
Valley County, Idaho

Dear Mr. Ellis:

Your letter of April 23, 1953 has been received.

Mr. Porter has been away from Spokane for several weeks, and is not expected to return before May 18, at which time, your letter will be referred to him for a reply.

Yours very truly,

PORTER BROS. CORPORATION

D. L. Skidmore

D. L. Skidmore,
Secretary and Treasurer

DLS:cr

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

APR 23 1953

Mr. [illegible] Porter, President
Porter Bros. Corporation
[illegible] Nelson Building
Spokane [illegible], Washington

Re: Docket No. [illegible] (Scheelite, Beryl, Columbite, Uranium)
Bear Valley Lease
Valley County, Idaho

Dear Mr. Porter:

Reference is made to your letter dated January [illegible], 1953, in which you advise additional geologic and analytical work has been done since our last correspondence; also, as the results of this work are not complete, you request that we hold the case at open until this data can be accumulated and submitted for consideration.

In order that we may keep our records current, please advise whether or not we can expect to receive this data.

Sincerely yours,

SIGNED

Ernest [illegible] Ellis, Chief
Area [illegible] Office, Metals Division

FLEnhouse/[illegible]
4-23-53
cc to: [illegible] File
Docket
Messrs. JCarl[illegible] [illegible] 1347
DMLarabee [illegible] -232
Ellis
Enhouse
[illegible] 4 Field Team, Region II (2)

4/23/53

1/19/53 gen

PORTER BROS. CORPORATION

ROBERT P. PORTER, PRESIDENT
REUEL G. PHILLIPS, VICE-PRESIDENT
DAVID L. SKIDMORE, SECRETARY AND TREASURER

411 PAULSEN BUILDING
SPOKANE 8, WASHINGTON

TELEPHONE
RIVERSIDE 0658

January 16, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1953

AIR MAIL

Mr. Ernest W. Ellis, Chief
Rare and Misc. Metals Division
United States Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Mr. Ellis:

Re: Docket No. DMEA-1899 (Monazite Tantalum, Columbium, Uranium)
Porter Bros. Corporation
Bear Valley Placer, Idaho

Please excuse the delay in replying to your letter of December 19, 1952. I have been in Salt Lake City, working on the recovery methods of the Bear Valley Black Sands.

Since our last correspondence with you, we have proceeded to do a considerable amount of prospecting and analytical work. Our results are not completed at this time, but should be in the near future.

We would appreciate it if you would hold our docket open until all of this data can be accumulated and ready to submit to you, as we feel that Bear Valley warrants substantial consideration.

Yours very truly,

PORTER BROS. CORPORATION

R. P. Porter

R. P. Porter,
President

RPP:cr

FILE COPY
SURNAME:

F. L. Kaus

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEC 19 1952

Mr. H. P. Porter, President
Porter Bros. Corporation
411 Davison Building
Spokane 1, Washington

Re: Work Proc. No. -1 79 (Contain
Tantalum, Columbium, Uranium,
Porter Bros. Corporation
Red Valley Placer, Idaho

Dear Mr. Porter:

Reference is made to the captioned application and also to our letter to you dated May 6, 1952, concerning the analytical work to be done by the U. S. Bureau of Mines. We understand that a substantial quantity of the analytical work has been completed by the Bureau of Mines; also that you have had additional analytical and research work done by private laboratories.

Please inform us whether your company desires to proceed with the subject application. If such is the case, what is the present status of the title or control of all the land included in the proposed exploration project?

In order to keep our records current we would appreciate hearing from you at your earliest convenience.

Sincerely yours,

SIGNED

Ernest S. Ellis, Chief
Core and Misc. Metals Division

12-19-52

FLKnouse/jem
12/18/52
cc to: Adm. Rec. File
Docket
Messrs. Masterison-1347
Johnston-U-232
Ellis
Knouse
Cir. Com. Hosted
Field Team, Region II (2)

FILE COPY
SURNAME:
700

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

F. Knoppe
Ellis
Mat

OCT 6 1952

. eirsenborn
ve Office
ield Team, Region II
157 Howard Street
e 8, Washington

Re: Docket No. [illegible]-1599 (Monazite
Tantalum, Columbium, Uranium)
Porter Bros. Corporation
Bear Valley Placer, Idaho

Dear r. Weirsenborn:

ur reply to r. Gillespard's letter of September 11, 1952 was delayed until the problems could be discussed with the commodity engineers and the .C. Engineer who was on a field trip.

he analysis of the 19 drill hole samples referred to in our letter of ay 8, 1952, to Mr. Porter have been partially completed by the Bureau of Mines, and a further mineralogical study is in process by both Mr. Porter and the Bureau of Mines to determine the feasibility of recovering these minerals.

hen these studies are completed and made available to this agency we will make the findings available to you.

Sincerely yours,

(signed) FRANK E. JOHNSON

F.E. 10.6.52
(B. H.)

Chairman, Operating Committee
FEKnouse/jem 10/2/52
cc to: Adm. Reading File
Docket
Messrs. E.J.Carlson-1347
J.J.Norton-G-232
Ellis Knouse
Opr. Committee
Field Team, Region II

APPROVED:
J. H. Hedges (B. H.)
Member, Bureau of Mines
A. R. Kinkel, Jr.
Member, Geological Survey (B. H.)

9/17/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

September 11, 1952

Mr. Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Through: DMEA Operating Committee

Re: Docket No. DMEA-1899
Porter Bros. Corporation
Monazite

Dear Mr. Ellis:

We are holding the captioned docket in our files for further information but as it has been some time since we have received notice on it, we wonder if the application has been withdrawn or perhaps denied. If you have any information concerning the status of this application we would appreciate being informed.

Sincerely,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

So. 257 Howard Street
Spokane 4, Washington

September 11, 1952

Mr. Ernest A. Ellis, Chief
Mars and Mine, Metals Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Through: F M Operating Committee

Re: Docket No. DMA-1677
Porter Bros. Corporation
Mercedita

Dear Mr. Ellis:

We are holding the captioned docket in our files for further information but as it has been some time since we have received notice on it, we wonder if the application has been withdrawn or perhaps denied. If you have any information concerning the status of this application we would appreciate being informed.

Sincerely,

Ingar H. Kildegaard
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

TWR/ial

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Mr. Krause

DATE:

FROM : E. S. Carlson

SUBJECT : Porter — Bear Valley — Bureau Drill Holes

Enclosed are copies some information for your confidential file

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

August 18, 1952

Mr. R. P. Porter, President
Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

Dear Mr. Porter:

It was nice to hear from you again and please accept my appologies for not having sent the data on your black-sand samples earlier.

As always with the concentrates from Bear Valley, we have had difficulties, and we still are not too confident of our results. However, rather than keep you waiting longer, I will give you the information available at this time. Kindly remember that at this stage we question our results but believe they will at least indicate the order of magnitude of the contents of the ground. When we are able to arrive at more exact figures, I will send those along, but perhaps in the meantime these analyses may be of some help.

Assuming a 5 percent ThO_2 content for the pure monazite, an arithmetic average of 19 samples indicates 1.061 pounds of monazite equivalent per cu. yd. The term "equivalent" is used to indicate that this mineral content per cu. yd. is based on the radiometric analyses which interprets all of the radioactivity being due to the ThO_2 in the monazite. Of course, we both know that on this sand that assumption does not hold true. On the basis of 4 samples tested mineralogically, the gravels may contain some 1/4 to 1/2 pound monazite and some 1/2 to 7 oz. of radioactive black minerals per cu. yd.

In fact, after very considerable petrographic work on these samples, we have found that, in addition to the radioactive black opaques which were recognized earlier, many of the grains of monazite contain small inclusions of the radioactive black opaques. With this explanation, I am sure you will understand why we are having difficulties interpreting our results and why it has taken so much time to arrive at even the approximate figures which are enclosed. It certainly will require many months and maybe a year or more before many of these problems can be resolved.

There are attached the radiometric and petrographic results obtained to date on the 19 samples submitted. I believe these data will help temporarily, but again let me warn you that the analytical results are only the best approximation we are able to make until further studies of these concentrates have been made.

I will look forward to receiving the results on your tests of the very large sample you are sending to Dings. I believe that we may have to resort to taking much larger samples from Bear Valley before we will know the answers to our many problems.

If you will kindly send me the original letter granting me permission to give you the information on the Harris property, I will try to obtain permission from the Atomic Energy Commission to send you the data on the drilling conducted by the Bureau on the several properties. These results, too, are questionable for the same reasons that have already been pointed out.

Kindest personal regards,

Sincerely yours,

M. H. Kline, Chief
Rare and Precious Metals Branch

Enclosure

BEAR VALLEY DRILL HOLE DATA

Hole No.	Black Sands lbs. per cu/yd	Radio Assay & ThO_2 equiv.	Chemical % ThO_2	Chemical %U_3O_8	Mineralogical % Monazite	Mineralogical % Xenotime	Pounds per cubic yard based on Mineralogical combined Monazite Xenotime	Radioactive Blacks % in Black Sands Calculated	Radioactive Blacks oz. per cubic yd. calculated	% Monazite Xenotime equiv. in Black Sands Based on Radio Assay	lbs. Monazite equiv. per cubic yard	Sample Depth of Drill Hole in feet
BV [illegible]	16.8	.745								13.4	2.3	10
BV 2	11.3	1.016								18.3	2.1	20
BV 3	50.4	.682								12.3	6.2	15
BV 4	18.7	.691								12.5	2.3	18
BV 5	10.5	.955								17.2	1.8	7.5
BV 6	39.5	.686			2.1	.14	0.88	.76	5 oz.	12.4	4.9	40
BV 7	48.4	.833								15.0	7.3	15
BV 8	42.6	1.626	.148	.35						29.2	12.4	25
BV 9	51.9	.755			.7	.1	0.34	.42	3 oz.	13.6	7.1	66
BV 10	50.2	.795								14.3	7.2	15
BV 12	50.1	.878								15.8	7.9	11
BV 14	46.9	.691								12.5	5.9	20
BV 16	43.2	.708			.78	.1	0.38	.89	6 oz.	12.8	5.5	40
BV 18	28.7	.845								15.2	4.4	45
BV 19	48.1	.702								12.6	6.1	20
BV 20	30.5	.721								14.0	4.3	48
BV [illegible]	15.7	1.422								25.6	4.0	20
BV [illegible]	21.8	.346								6.2	1.4	83
BV 29	18.2	.630								11.4	2.1	25
BV 30	18.1	.726								13.1	2.4	15
BV 34	13.3	.598								10.8	2.5	25
BV 35	28.7	.448								11.5	1.5	10
BV 39	7.6	.544								8.1	2.3	70
BV 40	17.5	.730								9.8	0.7	15

Jig Samples

BV 7-3J	1.07
BV 9-14J	.655
BV 16-17J	.531

) Sample weights of concentrates so very small that these warrant no consideration

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

MAY 8 1952

Mr. R. P. Porter, President
Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

Re: Docket No. DMEA-1899, (Monazite, Tantalum, Columbium, Uranium)
Porter Bros. Corporation
Bear Valley Placer, Idaho

Dear Mr. Porter:

This will acknowledge receipt of your letter of April 29, 1952, with attached data of the drill hole samples.

In answer to your question regarding the expense for analytical work to be done on the samples from the 69 drill holes put down on reports controlled by the Bureau of Reclamation, and included in your application for exploration aid, Mr. J. O. Hosted's letter dated April 25, 1952, to Mr. J. J. Whitmore of your company, has offered to have this work done at the laboratory of the U. S. Bureau of Mines. If this arrangement is satisfactory to your company and the work proves the drill holes contain encouraging mineral values your application for the release of the land areas could then be made to the Bureau of Reclamation. When this release is effected and the land areas relocated and under your control, kindly advise us so we can proceed with processing your application.

This agency is not authorized to allocate funds for exploring property which is not controlled by an applicant, therefore, funds could only be allocated to explore the small disconnected parts of land controlled by your company along the valley.

Sincerely yours,

5/8

Ernest M. Hill, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

FLKnouse/jem
5/6/52
cc to: Adm. Reading File
Docket
Messrs. E.J. Carlsonk Rm. 1347
J.J. Norton, Rm. 6-232 GS
J.O.Hosted, Rm. 3204
Ellis Knouse
Field Team, Region II (2)

Sd

700
FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Ala M/I

JAN 10 1952

Mr. Robert E. Porter
Porter Bros. Corporation
411 Paulsen Building
Spokane 8, Washington

Re: DMA Docket 1199
(Monazite Tantalum Columbium Uranium)
Porter Bros. Corporation
Exploration - Valley Co., Idaho

Dear Mr. Porter:

From records in Washington, D.C., it appears that most of the land to be explored by the above project has been withdrawn from mineral entry.

When you have established a valid claim to the ground in question the processing of your application can be completed.

This letter is to confirm our telephone conversation of January 8, 1952 with Mr. David L. Kilmore.

Sincerely yours,

1-10-52

Ernest M. Ellis, Acting Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

SAFeitler/jem
1-9-52
cc to: Adm. Reading File
Mails & Files Br.
Docket
Messrs. Ellis
Carlson, E.J., Rm. 1347
Norton, J.J. Rm. G-228 G.S.
Feitler
Field Team, Region II (2)

FILE COPY
SURNAME:

Gathers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

December 12, 1951

Memorandum

To: Director, Production Expansion Division

From: Chief Counsel

Subject: Porter Brothers Corp., Exploration Project Contract, Docket No. DMA-1899

N.S
R+R

The subject contract, submitted to this office in draft form, needs the following corrections:

1. If the applicant is the lessee of the property, strike out Article 2(a) of the contract form.

2. I have indicated in pencil revisions of Exhibit "A" to put it under two main heads "Description of the Work" and "Estimate of Costs" to be written across the middle of the page.

Under the heading "Estimate of Costs" I have indicated two subheads "Summary" and "Details of Costs."

The Summary sets forth an estimate of the total cost at $89,184. It would be much preferable if the "Details of Costs" could be so set forth and organized that the total will balance with the Summary in the sum of $89,184. To do this it will be necessary to fill in the amount to be applied to labor, materials, and supplies, and perhaps for some of the other items in the Summary. The point is, that the Summary should be derived from the detailed statement, and the two amounts should be equal.

In the Summary is an item "Housing and Boarding facilities." One cannot ascertain just from this item whether this refers to constructing and equipping a building or just what the item is. It should be referred to in the "Description of the Work," and described there with sufficient certainty to ascertain what it is.

In the Summary is an item "Materials and supplies for all field work -- $12,000.00." This seems to me rather

BL

sketchy for such a large item. If possible, it should be set forth in the "Details" to show at least what the principal items are.

In the Summary is an item "Processing of samples by the Galigher Company -- $23,000.00." If possible, this item also should be shown in the "Details" with some reasonable detail as to its elements.

It seems anomalous to set forth in the "Details" the precise manner of arriving at the depreciation to be allowed on the Operator's equipment in the amount of $3,860, and to set forth in the Summary only, without any detail at all, such large items as $12,000 and $23,000.

Please refer to the pending circular entitled "Exhibit 'A' -- Form of Statement", a copy of which can be supplied here if you do not have one available.

3. Under the title "Operating Equipment", subtitle "To be rented", is an item "D-8 Bulldozer, 120 hours at $15 per hour -- $1,800.00." Assuming that this means "with operator and including all fuel, supplies, and other costs", it should be so stated. Also, if "per hour" means "per hour of actual operation", it should be so stated.

J. L. Hofflund

J. L. Hofflund
Chief Counsel

Attachment

RRGuthrie/JLHofflund/em
Copy to: Reports & Records
J. L. Hofflund
R. R. Guthrie
chron.

4/29/52 gla

DMA-1899

April 25, 1952

Mr. D. L. Skidmore
Secretary and Treasurer
Porter Bros. Corporation
411 Paulsen Building
Spokane 8, Washington

Dear Mr. Skidmore:

I have received your letter of April 15.

If you will deliver the 19 drill hole samples, at your expense from your warehouse at Baker, Oregon to the Bureau of Mines at Salt Lake City, we will have them concentrated there and have the concentrates shipped to the Bureau of Mines laboratory at Raleigh, North Carolina for assaying.

Please write to Mr. M. H. Kline advising him of the date of shipment to Salt Lake City. These samples should be addressed to:

Mr. Bruce Clemmer
Chief, Metallurgical Division
Region IV, U. S. Bureau of Mines
1600 S. First South Street
Salt Lake City, Utah

Yours very truly,

Joseph J. Hosted

cc: P. L. Merritt
m. H. Kline
F. L. Knouse

Hosted:gm

COPY

April 25, 1952

Mr. D. L. Skidmore
Secretary and Treasurer
Porter Bros. Corporation
411 Paulsen Building
Spokane 8, Washington

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Salt Lake City, Utah

Yours very truly,

Joseph O. Hosted

cc: P. L. Merritt
M. H. Kline
F. L. Knouse

Hosted:gm

4-22-52

Discussed [illegible] claim w/ Joe Hartford [illegible] - contract w/ Porter Bros - Exploration on land controlled by them

Joe will discuss w/ Mitch Klein position of R.E.C. doing analytical work on samples (19 samples from 19 drill holes) now stored at Baker, Oregon for account of R.E.C.

He further proposes no contract with Porter Bros until results of samples are obtained.

J He

Received

PORTER BROS. CORPORATION

411 PAULSEN BUILDING

SPOKANE 1, WASHINGTON

ROBERT P. PORTER, PRESIDENT
REUEL G. PHILLIPS, VICE-PRESIDENT
DAVID L. SKIDMORE, SECRETARY AND TREASURER

TELEPHONE
RIVERSIDE 0658

April 19, 1952

Mr. Ernest M. Ellis, Acting Chief
Rare and Misc. Metals Division
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Re: Docket No. DMEA 1399
(Monazite, Tantalum,
Columbite, Uranium)

Dear Mr. Ellis:

We are enclosing schedules setting forth the results of the drilling, preparation of samples and assays on the test holes drilled by Porter Bros. Corporation in Bear Valley, Idaho during the year 1951. There are also attached to this letter two tabulations of comparisons of number of pounds per yard of U_3O_8 and columbium-tantalum oxides as computed from the various assays.

Of the 34 holes drilled, 19 were not washed or prepared for assay or assayed, while 15 holes have been prepared and assayed by various laboratories. The 19 holes not prepared or assayed are stored at our warehouse at Baker, Oregon.

Our observations of the results are as follows:

1. There is considerable discrepancy in the various determinations of U_3O_8 columbium-tantalum oxides and monazite.

2. Basing the number of pounds per yard on the above assays, there is a very wide variation in the pounds per yard of U_3O_8, columbium-tantalum oxides and monazite.

Very few people realize that dredging operations are based on large quantity production and that even with the results thus far obtained and which are far from complete, a substantial quantity of the materials would be recovered. There is tabulated below estimated daily production based on 6,000 and 10,000 cubic yards per day with 80% recovery.

	6,000 cu. yds. per day		10,000 cu. yds. per day	
	Lbs. per day U_3O_8	Lbs. for 300 days per year	Lbs. per day U_3O_8	Lbs. for 300 days per year
SMIB	34.08	10224	56.8	16940
AEC	26.8	8040	48.0	14400
Vitro	70.08	21024	116.8	35040

Columbium and Tantalum Oxides

	6,000 cu. yds. per day		10,000 cu. yds. per day	
	Lbs. per day	Lbs. for 300 days per year	Lbs. per day	Lbs. for 300 days per year
Union Carbide & Carbon Co.	432	129,600	720	216,000
Molybdenum Corporation	6,186	1,855,872	10,310	3,093,120

Monazite

Estimated at 1/2¢ to 1¢ per yard	2,400 to 4,800	720,000 to 1,440,000	4,000 to 8,000	1,200,000 to 2,400,000

We feel that enough work has been done thus far to indicate that a profitable operation may be developed at Bear Valley and that the following steps should be taken at once:

1. The samples from the remaining 19 holes should be washed and prepared for assaying.

2. Arrangements should be made to have these samples assayed for uranium and monazite by both the Atomic Energy Commission laboratory in New York and the BMB at Mt. Weather, Va.

3. Arrangements should be made for the columbium-tantalum assays on the remaining samples to be run by Ledoux & Co. and also for Ledoux & Co. to run check assays on two or three of the samples assayed by Union Carbide and Carbon Company, especially on those where on identical samples Union Carbide and Carbon Company showed "traces" and Molybdenum Corporation showed high results.

Bear Valley weather still precludes getting on the property. Last reports indicate there is 6 to 7 feet of snow in the area. It is therefore impossible for us to file with the Bureau of Land Management to have the claims opened for mineral location or released from the first reclamation withdrawal, as we would be unable to get to the property to restake the claims.

Our application with DMA for assistance in the exploration program requested $92,000.00. This amount was estimated as the total expenditure required to carry out the complete program as outlined in the application and as shown on the maps included therewith. It was expected this total amount would be expended only if results as we proceeded warranted continuation. In other words, at any time that the government might feel that the property did not warrant further investigation, the work would be discontinued and no further cost entailed. We are dredge operators and are not interested in prospecting alone, but only as a means to develop a dredging project.

We have spent on this work at the present time approximately $20,000 and we estimate it would cost approximately $5,000 to complete washing, preparing and assaying the remaining drill hole samples.

In view of the amount we have expended to date, we do not feel that we should proceed with the additional work on the samples at our own expense and we feel that DMEA should pay for this work and tie the loan to the property not withdrawn. This would facilitate completing the assays to get the full benefit from the work we have performed to date.

We feel that a contract should be entered into where the $5,000 would be available to us immediately. Should the assays of the remaining 19 holes be satisfactory, we would immediately file with the Department of Interior, Land Management, an application to have the land removed from the withdrawal restrictions. When this has been accomplished, the balance of the funds necessary for the continuation of the prospecting should be made available to us.

We will await hearing from you as to your reaction in this matter and wish to state that we will be available at any time to come to Washington to discuss it more fully with you. If you feel there is any further information you may require, please call upon us and we will be glad to furnish it to you at once.

Yours very truly,

SONAR MFG. CORPORATION

D. P. Porter,
President

DPP:dms

BEAR VALLEY, IDAHO

AVERAGE POUNDS OF COLUMBIUM & TANTALUM OXIDES PER YARD

POTTER BROS. CORPORATION
411 PAULSEN BUILDING
SPOKANE, WASHINGTON

			UNION CARBIDE AND CARBON COMPANY				MOLYBDENUM CORPORATION OF AMERICA			
HOLE NO.	LOT NO.	DEPTH	LBS. Cb_2O_5 + Ta_2O_5 PER YD.	LBS. X DEPTH	TOTAL LBS. X DEPTH	AVERAGE LBS. Cb_2O_5 + Ta_2O_5 PER YD.	LBS. Cb_2O_5 + Ta_2O_5 PER YD.	LBS. X DEPTH	TOTAL LBS. X DEPTH	AVERAGE LBS. Cb_2O_5 + Ta_2O_5
103-D	855-B	18.0	0.0880	1.5840	1.5840	0.0880				
103-B	855-C	18.0	TR.			0.0440	1.372	24.6960	24.6960	1.3720
57-D	863-A	24.0	0.0663	1.5912	3.1752	0.0694				
57-E	863-C	31.0	0.1614	5.0034	8.1786	0.0900				
*44-2H	867-D	88.0	0.0349	3.0712	10.3520					
*44-3K	867-I	81.0	TR.							
89-B	855-A	21.0					1.217	25.5570	50.2530	1.2833

(*) Holes outside of proposed drilling area for 1952.

Comparison	Lbs. of Cb_2O_5 + Ta_2O_5 per yd.
Union Carbide & Carbon Company	0.0900
Molybdenum Corp. of America	1.2833

SNAKE VALLEY, IDAHO

AVERAGE POUNDS U_3O_8 PER CUBIC YARD

PORTER BROS. CORPORATION
411 PAULSEN BUILDING, SPOKANE, WN.

			SMIB BUREAU OF MINES				SALT LAKE CITY BUREAU OF MINES				VERO CHEMICAL COMPANY				ATOMIC ENERGY COMMISSION, NEW YORK, N. Y.			
HOLE NO.	LOT NO.	DEPTH	LBS. U_3O_8 PER YD.	LBS. X DEPTH	TOTAL LBS. X DEPTH	AVERAGE LBS. U_3O_8	LBS. U_3O_8 PER YD.	LBS. X DEPTH	TOTAL LBS. X DEPTH	AVERAGE LBS. U_3O_8	LBS. U_3O_8 PER YD.	LBS. X DEPTH	TOTAL LBS. X DEPTH	AVERAGE LBS. U_3O_8	LBS. U_3O_8 PER YD.	LBS. X DEPTH	TOTAL LBS. X DEPTH	AVERAGE LBS. U_3O_8
83-D	855-A	21.0'	0.0036	0.0756	0.0756	0.0036	0.0058	0.1218	0.1218	0.0058					0.0024	0.0504	0.0504	0.0024
103-D	855-B	13.0	0.0181	0.3253	0.4014	0.0120									0.0097	0.1746	0.2250	0.0058
103-B	855-C	18.0	0.0153	0.2754	0.6768	0.0118	0.0213	0.3834	0.5052	0.0130								
57-D	863-A	24.0	0.0029	0.0696	0.7464	0.0092					0.0154	0.3696	0.3696	0.0154	0.0048	0.1152	0.2402	0.0054
57-I	863-B	33.0	0.0062	0.2046	0.9510	0.0083					0. 0218	0.7194	1.0890	0.0191	0.0082	0.2706	0.6108	0.0063
57-K	863-C	31.0	0.0070	0.2170	1.1680	0.0080					0.0065	0.2015	1.2905	0.0146	0.0046	0.1426	0.7534	0.0060
44-2	867-A	50.0	0.0460	0.2300	1.3980	0.0071												
44-C	867-B	82.0																
44-C-1	867-C-1	61.0																
44-J	867-D	31.0	0.0042	0.1302														
*44-2S	867-E	88.0	0.0040	0.3520	1.7500	0.0062									0.0024	0.2112	0.9646	0.0045
*44-2N	867-F	61.0	0.0029	0.1769														
44-2W	867-G	44.0																
44-2E	867-H	79.0																
*44-3N	867-I	81.0													0.0026	0.2106		
*36-F	867-J	92.0	0.0032	0.2944														
*44-3-O	867-K	88.0	0.0045	0.3960														

(*) Holes outside of proposed drilling area for 1952

Comparison of Results:

SMIB to hole 44-J	0.0071
AEC to hole 44-2S	0.0060
SMIB to hole 103B	0.0118
Salt Lake City to hole 103B	0.0130
AEC to hole 103B	0.0058
SMIB to Hole 57-D to 57-K	0.0075
Vitro to Hole 57-I to 57-K	0.0146
AEC 57-D to 57-K	0.0060

3/6/52 glm

PORTER BROS. CORPORATION

411 PAULSEN BUILDING
SPOKANE 8, WASHINGTON

ROBERT P. PORTER, PRESIDENT
REUEL G. PHILLIPS, VICE-PRESIDENT
DAVID L. SKIDMORE, SECRETARY AND TREASURER

TELEPHONE
RIVERSIDE 0658

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 6 1952

March 1, 1952

Mr. Ernest Wm. Ellis, Acting Chief
Rare and Misc. Metals Division
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Re: Docket No. DMEA 1899
(Monazite, Tantalum,
Columbite, Uranium)

Dear Mr. Ellis:

In reply to your letter dated February 19, 1952, we wish to advise that as soon as it is made available to us we will furnish you with a copy of the results of the analytical work being done on our churn-drill samples by Union Carbide and Carbon Company. We have been informed that delay in getting this work out has been caused by prior commitments and extremely heavy work-load at the laboratory.

Our application to the District Office, Bureau of Reclamation, Boise, Idaho is not entirely completed as yet. As soon as this is accomplished and a decision has been reached by the Bureau, we will immediately advise you.

As requested by Mr. Knouse of your office, six copies of recording data relative to dates, page numbers and approximate acreage of the Wilson, Kimball, et al claims are enclosed herewith.

We thank you for your interest in this matter and assure you of our wish to expedite the information you require.

Yours very truly,

PORTER BROS. CORPORATION

D. L. Skidmore

D. L. Skidmore,
Secretary and Treasurer

DLS:dms

Enc. 6

CLAIMS	RECORDED NUMBER	DATE FILED	DATE POSTED	APPROX. ACRES
Atom Bomb	41-717	10-2-50	10-1-50	160
Bear Valley No. 1	41 642	9-18-50	9-12-50	160
Bear Valley No. 2	41 643	9-18-50	9-12-50	160
Bear Valley No. 3	41-644	9-18-50	9-13-50	160
Bear Valley No. 4	41-645	9-18-50	9-14-50	160
Bear Valley No. 5	41-646	9-18-50	9-14-50	160
Bear Valley No. 6	41-772	10-11-50	10-2-50	160
Bear Valley No. 7	41-773	10-11-50	10-2-50	160
Bear Valley No. 8	41-774	10-11-50	10-2-50	160
Bear Valley No. 9	41-775	10-11-50	10-2-50	160
Bear Valley No. 10	41-776	10-11-50	10-3-50	160
Bear Valley No. 11	41-777	10-11-50	10-3-50	160
Bear Valley No. 12	41-778	10-11-50	10-3-50	160
Bear Valley No. 13	41-779	10-11-50	10-4-50	160
Bear Valley No. 14	41-780	10-11-50	10-4-50	160
Bear Valley No. 15	41-768	10-11-50	10-5-50	160
Bear Valley No. 16	41-769	10-11-50	10-5-50	160
Buzzard	41-725	10-2-50	10-1-50	160
Cache Creek	41-716	10-2-50	10-1-50	160
Canyon	41-724	10-2-50	10-1-50	160
Cub Creek	41-726	10-2-50	10-1-50	160
Cook Creek	41-639	9-18-50	9-13-50	160
Duke	41-722	10-2-50	10-1-50	160
Elk Creek	41-638	9-18-50	9-3-50	160
Frosty	41-719	10-2-50	10-1-50	160
Lot 4	41-723	10-2-50	10-1-50	40
Pole Creek	41-640	9-18-50	9-14-50	20
Sack Creek	41-718	10-2-50	10-1-50	160
Sheep Trail Creek	41-721	10-2-50	10-1-50	160
South Forty	41-641	9-18-50	9-14-50	40
Transfer	41-720	10-2-50	10-1-50	160
White Hawk No. 1	41-715	10-2-50	9-23-50	160
White Hawk No. 3	42-994	7-19-51	7-16-51	160
White Hawk No. 4	41-771	10-11-50	9-15-50	160

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Bear Valley No. 4	41-645	9-18-50	9-14-50	160
Bear Valley No. 5	41-646	9-18-50	9-14-50	160
Bear Valley No. 6	41-772	10-11-50	10-2-50	160
Bear Valley No. 7	41-773	10-11-50	10-2-50	160
Bear Valley No. 8	41-774	10-11-50	10-2-50	160
Bear Valley No. 9	41-775	10-11-50	10-2-50	160
Bear Valley No. 10	41-776	10-11-50	10-3-50	160
Bear Valley No. 11	41-777	10-11-50	10-3-50	160
Bear Valley No. 12	41-778	10-11-50	10-3-50	160
Bear Valley No. 13	41-779	10-11-50	10-4-50	160
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Cub Creek	41-726	10-2-50	10-1-50	160
Cook Creek	41-639	9-18-50	9-13-50	160
Duke	41-722	10-2-50	10-1-50	160
Elk Creek	41-638	9-18-50	9-3-50	160
Frosty	41-719	10-2-50	10-1-50	160
Lot 4	41-723	10-2-50	10-1-50	40
Pole Creek	41-640	9-18-50	9-14-50	20
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Bear Valley No. 3	41-644	9-18-50	9-13-50	160
Bear Valley No. 4	41-645	9-18-50	9-14-50	160
Bear Valley No. 5	41-646	9-18-50	9-14-50	160
Bear Valley No. 6	41-772	10-11-50	10-2- 50	160
Bear Valley No. 7	41-773	10-11-50	10-2-50	160
Bear Valley No. 8	41-774	10-11-50	10-2-50	160
Bear Valley No. 9	41-775	10-11-50	10-2-50	160
Bear Valley No. 10	41-776	10-11-50	10-3-50	160
Bear Valley No. 11	41-777	10-11-50	10-3-50	160
Bear Valley No. 12	41-778	[illegible]-50	10-3-50	160
Bear Valley No. 13	41-779	[illegible]-50	10-4-50	160
Bear Valley No. 14	41-780	10-[illegible]-50	10-4-50	160
Bear Valley No. 15	41-768	10-11-50	10-5-50	160
Bear Valley No. 16	41-769	10-11-50	10-5-50	160
Buzzard	41-725	10-2-50	10-1-50	160
Cache Creek	41-716	10-2-50	10-1-50	160
Canyon	41-724	10-2-50	10-1-50	160
Cub Creek	41-726	10-2-50	10-1-50	160
Cook Creek	41-639	9-18-50	9-13-50	160
Duke	41-722	10-2-50	10-1-50	160
Elk Creek	41-638	9-18-50	9-3-50	160
Frosty	41-719	10-2-50	10-1-50	160
Lot 4	41-723	10-2-50	10-1-50	[illegible]
Pole Creek	41-640	9-18-50	9-14-50	[illegible]
Sack Creek	41-718	10-2-50	10-1-50	160
Sheep Trail Creek	41-721	10-2-50	10-1-50	160
South Forty	41-641	9-18-50	9-14-50	40
Transfer	41-720	10-2-50	10-1-50	160
White Hawk No. 1	41-715	10-2-50	9-23-50	160
White Hawk No. 3	42-994	7-19-51	7-16-51	160
White Hawk No. 4	41-771	10-11-50	9-15-50	160

CLAIMS	RECORDED NUMBER	DATE FILED	DATE POSTED	APPROX. ACRES
Atom Bomb	41-717	10-2-50	10-1-50	160
Bear Valley No. 1	41 642	9-18-50	9-12-50	160
Bear Valley No. 2	41 643	9-18-50	9-12-50	160
Bear Valley No. 3	41-644	9-18-50	9-13-50	160
Bear Valley No. 4	41-645	9-18-50	9-14-50	160
Bear Valley No. 5	41-646	9-18-50	9-14-50	160
Bear Valley No. 6	41-772	10-11-50	10-2- 50	160
Bear Valley No. 7	41-773	10-11-50	10-2-50	160
Bear Valley No. 8	41-774	10-11-50	10-2-50	160
Bear Valley No. 9	41-775	10-11-50	10-2-50	160
Bear Valley No. 10	41-776	10-11-50	10-3-50	160
Bear Valley No. 11	41-777	10-11-50	10-3-50	160
Bear Valley No. 12	41-778	10-11-50	10-3-50	160
Bear Valley No. 13	41-779	10-11-50	10-4-50	160
Bear Valley No. 14	41-780	10-11-50	10-4-50	160
Bear Valley No. 15	41-768	10-11-50	10-5-50	160
Bear Valley No. 16	41-769	10-11-50	10-5-50	160
Buzzard	41-725	10-2-50	10-1-50	160
Cache Creek	41-716	10-2-50	10-1-50	160
Canyon	41-724	10-2-50	10-1-50	160
Cub Creek	41-726	10-2-50	10-1-50	160
Cook Creek	41-639	9-18-50	9-13-50	160
Duke	41-722	10-2-50	10-1-50	160
Elk Creek	41-638	9-18-50	9-3-50	160
Frosty	41-719	10-2-50	10-1-50	160
Lot 4	41-723	10-2-50	10-1-50	40
Pole Creek	41-640	9-18-50	9-14-50	20
Sack Creek	41-718	10-2-50	10-1-50	160
Sheep Trail Creek	41-721	10-2-50	10-1-50	160
South Forty	41-641	9-18-50	9-14-50	40
Transfer	41-720	10-2-50	10-1-50	160
White Hawk No. 1	41-715	10-2-50	9-23-50	160
White Hawk No. 3	42-994	7-19-51	7-16-51	160
White Hawk No. 4	41-771	10-11-50	9-15-50	160

700 FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

FEB 19 1952

Mr. W. . Porter, President
Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

Re: Docket No. [illegible]-199
(Monazite, Tantalum, Columbite, Uranium)
Porter Bros. Corporation
Valley County, Idaho

Dear Mr. Porter:

We wish to acknowledge receipt of your letter dated February 13, 1952, with attachments.

When you receive the results of the analytical work being done on the churn-drill samples by the Union Carbide Corporation, please send a copy to this office.

At the time you were in Washington, it was our understanding that you planned to apply to the District Office, Bureau of Reclamation, Boise, Idaho, for a release of the land controlled by them on which you propose to do the exploration work. Please advise us of the decision of the Bureau of Reclamation so we can continue processing your application.

Sincerely yours,

Signed

F.N. 2-19-52

Ernest W. Ellis, Acting Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

FLKnouse/jem
2/18/52
cc to: Adm. Reading File
Docket
Messrs. Carlson, E.J. Rm. 1347
Norton, J.J. Rm. G-228 G.S.
Knouse
Ellis
Field Team, Reg. II (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
MT. WEATHER, BLUEMONT, VA.

February 11, 1952

Memorandum

To: F. L. Knouse, DMEA

From: E. J. Carlson, SMIB, U. S. Bureau of Mines

Subject: Application, DMA Docket No. 1899, from Porter Brothers Corp. for exploration of Bear Valley, Idaho

During the summer of 1951, the Special Minerals Investigation Branch of the U. S. Bureau of Mines completed 62 drill holes for a total footage of over 3,600 feet in Bear Valley, which is located in the central part of Valley County, Idaho. Most of these churn-drill holes were located in the upper part of the valley, above the drilling of Porter. No holes were drilled near Porter's exploration; so we have no check on any of their work.

In one part of the upper valley, we have found the black sands to contain as high as 10 percent monazite. Other parts show almost no monazite, but some columbium-tantalum-uranium minerals were contained in the sands. This information was obtained from rough field estimates and checking with field counters. Our Mt. Weather laboratory has not run any of the drill-hole samples to date, and they are not scheduled to be run until after the middle of this calendar year. About all we can say is that some parts of the valley contain monazite and/or radioactive heavy black sands.

Mr. M. H. Kline, Chief, SMIB, discussed this particular Docket with Mr. Weston G. Bourret, Chief, Minor and Rare Metals Branch, DMA, some months ago. Their opinion was that the application should be given favorable consideration, at least until such time as the analyses of the drill samples prove to the contrary. Further, because of the short summer season available for drilling in Bear Valley, a loan should be approved for a limited amount of exploration. This could be increased or extended if the analyses are favorable. If, in the opinion of Porter Bros. or the DMEA field engineer, the drilling results and analyses were not promising, then the work should be stopped.

It is recommended that:

1. The remaining samples, now being held by The Galigher Company in Salt Lake City, be analyzed for U_3O_8, columbium-tantalum, and for monazite.

2. If these analyses show promise, a loan be granted on a month-to-month basis and not for any fixed lump sum of money.

E. J. Carlson

E. J. Carlson

FILE COPY
SURNAME:

Bourret

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

AUG 17 1951

Mr. D. L. Skidmore, Secretary
Porter Brothers Corporation
411 Paulsen Building
Spokane 1, Washington

Re: Bear Valley
Columbite-Monazite Placer
DMA docket - 1899

Dear Mr. Skidmore:

Your application, DMA docket 1899 of July 26 for an exploration project in the amount of $50,000.00 has been received by the Minor and Rare Metals Branch.

Since Porter Brothers has already done considerable exploration work in Bear Valley, including drilling, it would be most helpful to us if we could have the results of this work before proceeding further.

Mr. H. H. Kline will be in the vicinity of Boise, Idaho, including Bear Valley, from August 21 to September 4 and would like to discuss this proposal with you on behalf of DMA. Therefore I suggest that you get in touch with Mr. Kline, c/o U.S. Bureau of Mines, Bluemont, Virginia, and arrange for a meeting in the Boise area.

Yours very truly,

/s/ Weston Bourret

8/17

Weston Bourret, Chief
Minor and Rare Metals Branch

WBourret/ch 8-15-51
cc: Adm. Read. File
Reports and Records
Lyon
Bourret
Kline
Norton
Field Team II
Files

How many [illegible] ? [illegible] get?

What are the [illegible] for tools & the [illegible] 1 per ..

charges ~~[illegible]~~ of [illegible] ?

Need ~~[illegible]~~ [illegible] an [illegible] of [illegible], [illegible] of samples [illegible] "i-4"

Materials & supplies ~~[illegible]~~ (item 4) [illegible]

[illegible] in 4800 [illegible] (general) at [illegible]/hr ?

Bat rental 15 [illegible] per hour ? D-8 BD [illegible], [illegible] for large [illegible]

How many miles of road to be cleared off ? (snow) ? ~~[illegible]~~ 72 miles

Total length of hole 5750? ✓

50-55 ~~[illegible]~~

[illegible] when project [illegible] start – [illegible] – 1st of June –

~~[illegible] during the completion of drilling?~~

[illegible] drilling season in [illegible] Valley? 4 months

[illegible] application [illegible] ? [illegible] shipping of [illegible] samples [illegible] – [illegible] cost of trucking, freight charges and [illegible] samples from [illegible] to [illegible] Company.

~~[illegible]~~ [illegible] of items of applicant and equipment.

[illegible] holes on [illegible] Black claims ?

Social security laws.

opr 24

19 [illegible]

15 [illegible] 6. 90,000

$ 170 per hole

Social

1911 / 30,100 22,922 7978 [illegible]

149 / 4572 4472 1020 1003 3.07 [illegible]

767.5 [illegible]

132 / 2785 2 33

Mr. Kline:-

8/10/51

AUG 11 1951

Would appreciate your comments & advices on this, DMA 1899K.

Enclosing:- Weissenborns letter 7/27/51
original of MF 103 + exhibits for contract, map & lease copy.
Morton's comment.
" referred to field, for any additions you may care to make.

Now MF-100s received by us - are in → Reports & Records, or in Files, or in Speaker's office.

ER S.

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. D.M.A. 1899

Commodity U, cb-ta, rare earths

Total Amount 50,000

Govt. Participation 90 percent

1. Name and Address of Applicant Porter Brothers Corporation

2. Location of Property Bear Valley, Valley County, Idaho

T 11, 12, and 13 N. R8 and 9E.

3. Mineral or metal _____ Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good _____

b) Poor _____

c) None _____

d) Don't know—needs field examination ✓ Unless U. S. B. M. has complete data

e) Is there an alternative and favorable project? _____
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? _____
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? _____

Does the lease have sufficient time to run to cover a future

productive period? _____

*question numbers are those of MF-103

7. Are subordination agreements necessary?_____

   a) MF-201?_____

   b) MF-202_____

8. From the data presented, does the proposed project appear feasible from the point of view of:

   a) Available manpower_____

   b) Equipment and supplies_____
      (Question 14 plus general knowledge of availability)*

   c) Accessibility (question 12)*_____

   d) Water (question 13)*_____

   e) Power (question 13)*_____

   Is a field check needed on any of these points?_____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)*_____

   _____

   Is a field check needed on this point?_____

10. Exhibit A. (questions 21 and 22)*

    a) Is the project adequately described?_____

       If not, are there sufficient data given so that you can describe the project?_____ If so, attach a draft.

    b) Is there an adequate map or sketch of the proposed work?_____

       _____

    c) Is the proposed work "exploration" under the definition of Section 8, MO-5?_____

       If not, what part of it is?_____

       _____

       _____

       _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant?_____

g) Is a field examination necessary to complete Exhibit A?_____

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable?_____

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____ _____

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable?_____

b) Sufficient data?_____

c) Reasonable?_____

d) Field check needed?_____

15. In your judgment, can the proposed work be done in the proposed time?_____

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Is there hope of finding a deposit that will provide significant production?

Reviewed by: J. J. Norton

Date_____

INT.-DUP. SEC., WASH., D.C. 99009

FILE COPY
G-MD-JJN Surname:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

Norton

Memorandum

To: Wooton Dourret, DMA

From: J. J. Norton, USGS

Subject: Application DMA-1399 from Porter Brothers Corporation to explore a placer deposit in Idaho

The Geological Survey has no data on the Bear Valley placer deposit, for which the Porter Brothers Corporation, DMA-1399, has asked $50,000 of exploration money.

I suggest that the application be referred to the U. S. Bureau of Mines, which apparently has done work in this area. Unless the Bureau of Mines data show that the application should be denied, a field examination probably will be necessary.

J. J. Norton

cc: Dir. Reading, 4212
Branch Reading, 4212
DMA files
Norton (2)

JJNorton:rw
G: 8/8/51

Sent to Klim - 8/10/51

Original MF 1038 replies, lease & map
exhibits for contract
Weissenborns submittal letter of 7/27/51
copy Nortons comment
original, " field referral form.

All returned

FILE COPY
SURNAME:

210

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

August 2, 1951

Mr. D. L. Skidmore
Secretary & Treasurer
Porter Brothers Corporation
411 Paulsen Building
Spokane 1, Washington

Subject: DMA-1899
Re: Exploration Loan - Atom Bomb, Bear Valley No. 1 to 16, Buzzard, Cache Creek, Canyon, etc.

My dear Mr. Skidmore:

Receipt is acknowledged of your application and attachments of July 26, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1899 and referred to Mr. Weston G. Bourret, Chief, Minor and Rare Metals Branch on August 1, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1899.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Reports & Records Unit

R. E. Adams:jc
cc: Adams
✓File
Bourret
Lyon

Form MF-103
(April 195[illegible])

U. DEPARTMENT OF THE INTER[illegible]
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1899

Date received 7/30/51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 30 1951
LINDSEY F. STRABEL
Executive Secretary

Porter Bros. Corporation
411 Paulsen Bldg.
Spokane 1, Washington

Name and address of applicant

Date July 26, 1951

FILL IN THIS BLOCK

Date of application July 26, 1951

Estimated cost $50,000.00

Mineral or metal Uranium, Columbium-tantalum, Monazite, rare earth ores.

Percentage of Government participation 90%

Location of mine Bear Valley, Valley County Idaho

Date of filing MF-100 June 27, 1950

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT (See Sheets Attached)

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY (See Sheets Attached)

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION (See Sheets Attached)

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS (See Sheets Attached)

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

PORTER BROS. CORPORATION
(Name of company)

By D. L. Skidmore
(Signature of authorized official)

July 26, 1951
(Date)

D. L. Skidmore
Secretary and Treasurer
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Porter Bros. Corporation
411 Paulsen Bldg.
Spokane 1, Washington

THE APPLICANT

1. See MF-100

2. See MF-100

3. See MF-100

4. See MF-100

5. Lessee - See MF-100

6. Lessee

7. Copy of lease is attached. The lease is in good standing. 2

8. Financial statement as of July 10, 1951 is attached. As the company is not operating at the present time, but is engaged in exploration work only, no profit and loss statement is available.

9. The company is prepared to invest $5,000 in the proposed project. This sum is sufficient to pay the company's part of the cost of the project as detailed in question 23 of this application.

PORTER BROS. CORPORATION
BALANCE SHEET AS OF JULY 10, 1951

ASSETS

CASH		
On Deposit in Banks	$ 2,436.37	
On Hand	25.00	$ 2,461.37
ACCOUNTS RECEIVABLE		
Due within 30 days	$ 3,843.52	
Insurance Deposits	300.00	
Other	2,500.00	6,643.52
SUPPLIES ON HAND		6,757.10
PREPAID INSURANCE		1,813.28
PLANT AND EQUIPMENT		
Buildings	$ 14,222.25	
Dredge and Equipment	196,375.77	
Office Equipment	5,514.89	
Prospecting Equipment	14,962.24	
Surveying Equipment	1,033.78	
Shop Equipment - Machinery	7,939.43	
Shop Equipment - Small Tools	238.03	
Autos and Trucks	12,662.10	
Water Supply System	12,075.75	
Water Supply Machinery	2,855.49	
Gas Line	11,534.18	
		279,413.91
MINE PROPERTIES - HELENA, MONTANA		
Lands and Leases	$202,902.10	
Prospecting	43,270.51	246,172.61
EXPLORATION - OTHER PROPERTIES		8,686.25
TOTAL ASSETS		$551,948.04

LIABILITIES AND CAPITAL

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

NOTE RE BALANCE SHEET

In reviewing the attached balance sheet it is to be noted that the amounts shown as "Reserve for Depreciation" and "Reserve for Depletion" have been taken from the ledger accounts and reflect the figures used in prior years to determine net income for income tax purposes.

The company was permitted to write its equipment down on prior operations to a small salvage value. Depletion was taken on the percentage basis.

The sum of $269,990.26 shown as "Reserve for Depreciation" when applied to the cost of the equipment results in a net depreciated value of $9,423.65, whereas it is considered that the equipment has a utility value of not less than $150,000.00. Therefore, excess depreciation in the sum of $140,576.35 should be taken into account.

The sum of $506,429.91 shown as "Reserve for Depletion" represents percentage depletion as taken and allowed on mining properties which cost $246,172.61. Therefore, excess depletion in the sum of $260,257.30 should be taken into account.

In order to properly determine the company's net worth, the following adjustments in the "Surplus Account" would be appropriate:

Surplus account as per statement - Deficit		($363,791.16)
Adjust for excess depreciation	$140,576.35	
Adjust for excess depletion	260,257.30	400,833.65
Surplus account as adjusted		$ 37,042.49

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Spokane 1, Washington

THE PROPERTY

10. (a) The property consists of 34 placer mining claims located in Sections 2, 3, 10, 15, Tp. 11 N, R. 8 E; Sections 26, ~~30,~~ 34, 35, 36, Tp. 12 N, R. 8 E; Sections 3, 4, 9, 10, 16, 17, 20, 29, Tp. 12 N, R. 9 E; Sections 23, 24, 26, 27, 34, 35, Tp. 13 N, R. 9 E, of the Boise Meridian.

The placer claims located in the above Sections are recorded in the office of the County Recorder of Valley County, Idaho, in Book 5 of Placer Mining Records. At the pages hereinafter designated the names of the claims and the pages at which the location certificates are recorded in Book 5 of Placer Mining Records are as follows:

CLAIMS	Placer Book	Original Page	Placer Book	Amended Page
Atom Bomb	5	177		
Bear Valley No. 1	5	580	5	69
Bear Valley No. 2	5	581	5	70
Bear Valley No. 3	5	582	5	72
Bear Valley No. 4	5	583	5	73
Bear Valley No. 5	5	584	5	74
Bear Valley No. 6	5	600	5	78
Bear Valley No. 7	5	601	5	79
Bear Valley No. 8	5	602	5	80
Bear Valley No. 9	5	603	5	82
Bear Valley No. 10	5	604	5	83
Bear Valley No. 11	5	605	5	84
Bear Valley No. 12	5	606	5	86
Bear Valley No. 13	5	607	5	87
Bear Valley No. 14	5	608	5	88
Bear Valley No. 15	5	195		
Bear Valley No. 16	5	196		
Buzzard	5	185		
Cache Creek	5	176		
Canyon	5	184		
Cub Creek	5	186		
Cook Creek	5	170		
Duke	5	182		
Elk Creek	5	169		
Frosty	5	179		
Lot 4	5	183		
Pole Creek	5	171		
Sack Creek	5	178		
Sheep Trail Creek	5	181		
South Forty	5	172		
Transfer	5	180		
White Hawk No. 1	5	609	5	76
White Hawk No. 3	5	197		
White Hawk No. 4	5	198		

10. (b) Same as 10. (a)

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Spokane 1, Washington

THE PROPERTY (Cont)

11. See MF-100

12. See MF-100

13. See MF-100

14. See MF-100

15. At present it is planned to ship dredge concentrates by truck to Cascade, Idaho where a separation plant will be installed to further concentrate and separate the various minerals. The concentrates from this plant will be shipped from Cascade by Union Pacific Railroad to the ultimate purchasers.

16. See MF-100

17. See MF-100

18. See MF-100

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE EXPLORATION

20. The minerals for which the exploration is to be conducted are uranium-bearing ores, samarskite, euxenite, columbium-tantulum, monazite and rare earth ores in placer deposits.

21. The prospecting work is being done by churn drilling to determine the value and extent of such deposits. This company has made arrangements with the Galigher Company at Salt Lake City for exhaustive laboratory work on the churn drill samples which will be shipped direct from the property to the Galigher Laboratory. The Galigher Company has arranged to work in cooperation with the Bureau of Mines at Salt Lake City in the determinations relative to radio-active material. It is estimated that it will require ten months of active exploration work to complete the project.

22. Surface samples taken from this property in the fall of 1950 by the Bureau of Mines acting for the Atomic Energy Commission indicated the presence of several of the above minerals. Extensive laboratory work was performed on this material during the past winter by the Bureau of Mines for the Atomic Energy Commission. The laboratory work was carried on at the Bureau of Mines at Mt. Weather, Bluemont, Virginia, under the direction of Mr. M. H. Kline, Chief of the Special Minerals Branch.

Results of the research work at Bluemont were of such nature that the Atomic Energy Commission has appropriated a considerable sum of money to be expended by the Bureau of Mines to carry out an extensive program of churn drilling on the property and further laboratory research during the summer of 1951.

The work to be performed by the Bureau of Mines will determine in a general way the extent and value of the deposit. The work which has been undertaken by this company is for the purpose of definitely blocking out mining areas with a definite plan to install a dredge, or dredges, or other digging equipment and a separation plant, or plants, which might be necessary to re-cover the minerals contained in the deposit.

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Spokane 1, Washington

THE
REQUIREMENTS AND COSTS

Summary of Estimated Costs

8,000 ft. of churn drill holes at $5.00	$40,000
Equipment cost	6,500
Facilities for housing drill crews	3,500
Total	$50,000

23. (a) One drill crew consists of one driller at $1.75 per hour, plus board and room.
One drill helper at $1.50 per hour, plus board and room.
One panner at $350.00 per month, plus board and room.
Employees on a hourly rate basis are paid time and one half for hours worked in excess of 40 hours per week. The work performed by the panner consists of screening and sacking the drill hole samples.

One drill only is now employed on the operation. If results from the first few holes indicate the advisability of putting on two shifts on this drill, such action will be taken. Furthermore, the company owns and has available a second drill which will be employed on the project if results indicate it is desirable.

23. (b) One engineer is in charge of the project. His salary is not included in the costs set forth above, however, his board, room, and travelling expense will be charged to the cost of the project.

23. (c) None

23. (d) At the present time with only one drill crew in the field, it would be uneconomical to provide housing and boarding facilities for such a small number of men. Therefore, no provision has been made to construct such facilities at this time. The men are living at Deadwood Lodge, located approximately 14 miles from the property. A charge of $5.00 per day is made for the cabin in which the men are housed and meals are furnished by the Lodge at $4.00 per day per man.

Should it be decided to increase the number of drill crews, it might then be desirable to provide sleeping and boarding facilities. The estimated costs for such facilities are included in the summary above.

23. (e) None

23. (f) None

23. (g)

1 - Keystone #71 Drill, self-propelled on Caterpillar tracks including pipe, drill bits, tools and accessories	$350.00	per	month
1 - GMC four ton flat bed truck	100.00	"	"
1 - International 1 ton pickup truck	100.00	"	"
1 - Ford 1/2 ton pickup truck	100.00	"	"
Total	$650.00	"	"

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411 Paulsen Building
Spokane 1, Washington

THE REQUIREMENTS AND COSTS (Cont.)

23. (h) Materials, supplies and repairs are estimated to cost approximately $40.00 per shift per drill.

23. (i) In the summary of the estimated costs shown above, the cost of $5.00 per foot for drill holes is intended to include, in addition to the cost of actual drilling, the cost of sacking, handling, transportation and laboratory work to be performed by the Galigher Company at Salt Lake City. Preparation and loading of equipment for shipment to the property began on June 16, 1951 and actual drilling operations commenced June 25, 1951. The cost of the preliminary work and cost of freight and truck transportation to the property are included in the estimate of cost per foot of drill holes, and is intended to be made a part of the total cost of the exploration project.

24. It is expected that a period of 10 months exploration work will be required to obtain information sufficient to determine if the property contains sufficient mineral to justify installation of mining, concentrating and separating equipment. It is estimated that the monthly expenditures will average approximately $5,000 during this period. The amount expended monthly will depend upon the number of drill crews employed on the property. It is expected that severe winter weather conditions may force suspension of the exploration work for a period of several months during the coming winter. However, it is expected that the entire exploration program will be completed by the end of the 1952 season.

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MINING LEASE

PARTIES

THIS MINING LEASE, Made and entered into this 13th day of June, 1951, by and between EARL KIMBALL, an unmarried man, A. W. KIMBALL and MINDA KIMBALL, Husband and Wife, HARMON KIMBALL and VELDORA KIMBALL, Husband and Wife, ROBERT L. WILSON, sometimes known as ROBT. L. WILSON, and ELLEN M. WILSON, Husband and Wife, FRANCES ROBERTA WILSON, sometimes known as ROBERTA WILSON, a single woman, and GRACE ELEANOR CANTRALL, sometimes known as GRACE CANTRALL, and unmarried woman, all of Cascade, Valley County, Idaho, and ROBERT R. JOHNSON, sometimes known as BOB JOHNSON, and ALVINA A. JOHNSON, Husband and Wife, of Missoula, Montana, Parties of the First Part, hereinafter referred to and designated as "LESSORS", and the PORTER BROS. CORPORATION, a corporation, organized and existing under and by virtue of the laws of the State of Delaware, and duly qualified to do business in the State of Idaho by virtue of full and complete compliance with the laws of the State of Idaho relative to foreign corporations doing business in Idaho, and whose post office address is 411 Paulsen Building, Spokane 8, Washington, Party of the Second Part, hereinafter referred to and designated as "LESSEE",

W I T N E S S E T H:

FOR AND IN CONSIDERATION of the premises and of the covenants and agreements of the respective Parties hereto

herein set forth, it is mutually covenanted and agreed by and between the Parties hereto as follows:

SECTION I.

DEFINITIONS

(a) "Lessors" -- The Word "Lessors" as used throughout this lease means the Parties of the First Part above-named, and their respective heirs, personal representatives and assigns; that the marital status of each of said Lessors has not changed since he or she acquired his or her interest in the premises hereby leased;

(b) "Lessee" -- The word "Lessee" as used throughout this lease means the PORTER BROS. CORPORATION, a corporation, its successors and assigns, whether by actual assignment or by merger or consolidation, and includes any corporation with which it may be merged or consolidated.

(c) "Leased Premises" -- By "leased premises", as used herein, is meant those certain placer mining claims located in Bear Valley, Valley County, Idaho, and more fully described in the certificates of location thereof recorded in the office of the County Recorder of Valley County, Idaho, in Book 5 of Placer Mining Records, and at the pages hereinafter designated. The figures opposite the name of a claim designates the page or pages in said Book 5 of said Placer Mining Records where the certificate of location of said claim is recorded; the word 'original' above the left-hand column indicates the original certificate of location, and the word 'amended' above the right-hand column indicates an amended certificate of location.

The names of the claims and the pages at which said location certificates are recorded in said Book 5 of said Placer Mining Records are as follows:

CLAIMS	PLACER	ORIGINAL BOOK	ORIGINAL PAGE	PLACER	AMENDED BOOK	AMENDED PAGE
Atom Bomb	"	5	177			
Bear Valley No. 1	"	5	580	"	5	69
Bear Valley No. 2	"	5	581	"	5	70
Bear Valley No. 3	"	5	582	"	5	72
Bear Valley No. 4	"	5	583	"	5	73
Bear Valley No. 5	"	5	584	"	5	74
Bear Valley No. 6	"	5	600	"	5	78
Bear Valley No. 7	"	5	601	"	5	79
Bear Valley No. 8	"	5	602	"	5	80
Bear Valley No. 9	"	5	603	"	5	82
Bear Valley No. 10	"	5	604	"	5	83
Bear Valley No. 11	"	5	605	"	5	84
Bear Valley No. 12	"	5	606	"	5	86
Bear Valley No. 13	"	5	607	"	5	87
Bear Valley No. 14	"	5	608	"	5	88
Bear Valley No. 15	"	5	195			
Bear Valley No. 16	"	5	196			
Buzzard	"	5	185			
Cache Creek	"	5	176			
Canyon	"	5	184			
Cub Creek	"	5	186			
Cook Creek	"	5	170			
Duke	"	5	182			
Elk Creek	"	5	169			

	CLAIMS	PLACER	ORIGINAL BOOK	ORIGINAL PAGE	PLACER	AMENDED BOOK	AMENDED PAGE
	Frosty	"	5	179			
	Lot 4	"	5	183			
	Pole Creek	"	5	171			
	Sack Creek	"	5	178			
	Sheep Trail Creek	"	5	181			
	South Forty	"	5	172			
	Transfer	"	5	180			
	White Hawk No. 1	"	5	609	"	5	76
R.L.W.	~~White Hawk No. 2~~	"	~~5~~	~~610~~	No.		
	White Hawk No. 3	"	5	197			
	White Hawk No. 4	"	5	198			

35-1.2-39

The descriptions contained in said records are hereby by this reference incorporated herein, and said records are hereby referred to for a more detailed description of said claims.

The "leased premises" also includes and there is also included in this lease any and all placer mining property within 1500 feet of the exterior boundaries of said placer mining claims which have or may hereafter be acquired by any of the Parties hereto under the mining

(d) "Products" -- By "Products" as used herein is meant, but not limited to, any and all gold, minerals, values, ores, sands, rare earths, uranium, monazite, thorium, zircon, ilmenite, magnetite, columbite, zirconium, titanium, and any and all other materials of every kind and nature removed from, on, in, or under said leased premises.

(e) "Processing" -- By the term "Processing" as used herein is meant, but not limited to, mining, milling, dredging, collecting, saving, separating, sizing, jigging, reducing, smelting, or otherwise beneficiating any products to such extent as may be necessary to prepare the same in final condition for marketing.

(f) "Additional Consideration for Lease" -- By the term "Additional Consideration for Lease" as used herein is meant the amounts to be paid by the Lessee to the Lessors on or before December 31, 1951.

(g) "Guaranteed Annual Royalty" -- By the term "Guaranteed Annual Royalty" as used herein, is meant the guaranteed minimum annual payments to be made by the Lessee to the Lessors.

(h) "Mining Royalty" -- By the term "Mining Royalty" as used herein is meant any sums paid or to be paid by the Lessee to the Lessors from actual operations upon the leased premises as provided herein.

(i) "Sales Returns" -- By the term "Sales Returns" as used herein, and upon which a ten per cent (10%) royalty is to be paid by the Lessee to the Lessors, is meant the gross amount of money, in whatever form received, including any and all bonuses, premiums and rewards, directly or indirectly received from the sale by Lessee of any products removed by the Lessee from the leased premises, or any part thereof; Lessee at its own expense to transport the same to such processing plant or plants as may be necessary to put the same in final condition for marketing by Lessee. Neither any part of the cost or expense of mining, dredging, collecting, saving, separating, sizing, jigging, nor otherwise removing the products and values from said leased premises, nor any part of the cost or expense of transporting to any mill, reduction works, smelter, beneficiating plant or works, processing plant, nor any part of the cost or expense of treating, milling, processing, reducing or smelting, or otherwise treating, or beneficiating the same by the Lessee or by any person, firm or corporation controlled by or in which Lessee is financially interested, or by any person, firm or corporation in which the stockholders of the Lessee own more than a twenty-five per cent (25%) interest, nor any cost or expense of marketing any product after the same shall have been placed by Lessee in such final condition for marketing: EXCEPT That after the same shall have been placed in such final condition for marketing by Lessee, the cost of transportation and

insurance shall be deducted before said royalty of ten per cent (10%) shall be computed. As to any products sold to a United States Mint, or any branch or agency thereof, the said ten per cent (10%) royalty shall be computed and paid upon the net returns thereof; and, likewise, as to any product sold to a smelter, or other purchaser, in which the Lessee does not have any financial interest, and in which Lessee's stockholders do not own more than a twenty-five per cent (25%) interest, the said ten per cent (10%) royalty shall be computed and paid upon the net returns thereof.

RIGHTS GRANTED TO LESSEE

SECTION 2. The Lessors, for and in consideration of the rentals and royalties to be paid, and the covenants and agreements to be observed, kept and performed by the Lessee, for the term hereinafter stated, and upon the terms and conditions hereinafter set forth, do hereby lease, demise and let unto the Lessee the said demised premises.

It is further understood and agreed by and between the Lessors and the Lessee that the mining claims and property hereinbefore described are unpatented mining claims, paramount title to the same being in the United States of America, and such title and right of possession as Lessors have in said property is subject to all the reservations, restrictions, and conditions imposed by existing State and Federal laws and regulations.

SECTION 3. This Lease and Agreement shall take effect on the date hereinabove first written and shall continue in full force and effect for a period of fifteen (15) years thereafter. The Lessee shall have the right and privilege of renewing this agreement for three (3) further periods of five (5) years each from and after the expiration of said fifteen (15) year period, making a total of thirty (30) years. Any of said renewals above provided for may be effected by the Lessee by serving written notice of its desire for such renewal on the Lessors not less than ninety (90) days before the expiration of any of said leasehold periods.

EFFECTIVE DATE OF LEASE--TERM

SECTION 4. Lessee shall, from the date hereof, have the right and privilege to enter upon said leased premises and test the same for placer gold and other minerals, ores, values and metals, by drilling holes, sinking shafts, or otherwise, upon said lands during a period extending to August 1, 1951. Said right of prospecting may be continued by Lessee for the period herein provided for by Lessee complying with the terms and conditions herein set forth.

When said testing and prospecting is completed, all drill holes, shafts and excavations shall be left in a reasonably safe condition.

RIGHTS TO PROSPECT AND TEST

SECTION 5. Lessee shall have the right to use the surface of said leased premises and may select and use camp sites on the leased premises and may construct thereon such buildings, shops and concentrating plants as may be

RIGHT TO USE OF PREMISES

necessary in connection with its dredging and mining operations, and shall have the right of ingress to and egress from the leased premises, or any part thereof, for the purpose of constructing and using roads, ditches, pipe lines and power lines. The Lessee shall have the right to use its facilities located upon the leased premises to mine and treat the products taken from any lands adjoining the leased premises. Such rights shall continue in effect during the period of this lease.

It is understood and agreed, however, that the leased premises are located within the Boise National Forest, and the rights herein granted are subject to all lawful regulations and restrictions imposed by the Federal Forestry Administration. The buildings or other improvements erected by Lessee shall be so located as not to conflict with administrative sites and other areas (if any) reserved for National Forest uses.

RUNS WITH THE LAND

SECTION 6. It is agreed that this Mining Lease shall run with the above described real property and be binding upon the successors in title or in interest thereto, and shall be binding upon and shall also inure to the benefit of the respective heirs, personal representatives, executors, administrators, successors and assigns of the Parties hereto.

SECTION 7. It is agreed that the Lessors have ordered an abstract of title covering the said demised premises and that the same will be delivered to the Lessee at the earliest possible date, and that the Lessee shall have the same examined by its Attorney or Attorneys, and that the Lessee shall on or before August 1, 1951, decide and determine as to whether the possessory title of the Lessors in and to the said demised premises is satisfactory to the Lessee.

PROOF OF TITLE -- ABSTRACT

It is agreed that the Lessee has or will pay for the cost of said abstract of title for the said leased premises, and in the event that it elects to make the payment hereinafter called for on or before August 1, 1951, that the Lessee shall receive credit for said payment for the cost of said abstract of title, and in the event it elects not to make said payment and not to proceed hereunder that it shall bear the entire cost and expense of said abstract of title, but shall deliver the same to the Lessors.

SECTION 8. If Lessee, after prospecting and testing said leased premises, and after examination of the abstract of title, shall elect to proceed further under this lease, it shall on or before August 1, 1951, give Lessors written notice of its election so to do, and shall pay to the Lessors the sum

ADDITIONAL CONSIDERATION FOR LEASE

of SIX THOUSAND DOLLARS ($6,000.00), and upon the payment of said sum shall have the right thereafter to continue to prospect, test, mine and dredge said property, but not beyond January 1, 1952.

If the Lessee, on or before January 1, 1952, elects to continue its operations hereunder it shall notify the Lessors in writing of such election, and shall on or before said date pay to the Lessors the additional sum of NINETEEN THOUSAND DOLLARS ($19,000.00), and then, but not otherwise, the said Lessee may proceed to continue its prospecting, testing and mining operations under the terms and conditions herein provided.

GUARANTEED ANNUAL ROYALTY

SECTION 9. So long as the Lessee continues hereunder it shall pay to the Lessors as a guaranteed annual royalty the following sums: On or before December 31, 1952, the additional sum of ONE HUNDRED THOUSAND DOLLARS ($100,000.00); and beginning with the calendar year 1953 and thereafter during each calendar year the Lessee shall pay to the Lessors as a guaranteed annual royalty the sum of ONE HUNDRED THOUSAND DOLLARS ($100,000.00), per year, payable on or before December 31st of each and every year.

Any mining royalty payments made hereunder shall apply upon said guaranteed annual royalty. On the due date of each payment of guaranteed annual royalty as above specified Lessee shall pay to the Lessors such amount as, together with the mining royalties paid to

Lessors by Lessee since the preceding payment on the guaranteed annual royalty shall equal the sum becoming due as herein provided. After the crediting of the mining royalty to the amounts paid as guaranteed royalty, the remaining mining royalty shall be paid to Lessors.

In the event that the mining royalty paid during the year 1952 does not equal the guaranteed royalty of $100,000.00 paid on or before December 31, 1952, then the amount which the Lessee shall pay in addition to such mining royalty to make up said $100,000.00 shall be recouped and retained by Lessee from any mining royalty in excess of $100,000.00 payable in the year 1953. After the said amount is recouped the balance of the mining royalty earned during the year 1953, if any, shall be paid over to the Lessors; after 1953 there shall be no recoupment of any guaranteed annual royalty.

Mining royalty payments made in any one year in excess of the annual guaranteed royalty payments herein provided for shall not be carried over to apply on the guaranteed annual royalty payments for any future years.

MINING ROYALTY

SECTION 10. As Mining Royalty (referred to herein as such), the Lessee does hereby agree to pay to the Lessors a sum of money equivalent to ten per cent (10%) of the sale returns, as defined herein, received from all products recovered by the Lessee through mining or other operations upon the leased premises and sold and

SECTION 12. LESSEE HEREBY AGREES as follows:

PAYMENT OF TAXES AND ASSESSMENTS

(a) The Lessee agrees to pay all property taxes levied and assessed upon the machinery, equipment, buildings and other property placed upon the leased premises by the Lessee, and further agrees to pay the Mines License Tax of the State of Idaho and any other licenses, severance or use taxes which may be levied, either by the United States of America or the State of Idaho, or other governmental agency, upon the products produced from the leased premises during the operations of the Lessee.

The Lessee further agrees to carry Workmen's Compensation Insurance upon its employees as required by the statutes of the State of Idaho, and to pay all Unemployment Compensation and Social Security Taxes, and all other taxes, license fees and charges, required by Federal or State of Idaho statutes or regulations to be paid by the Lessee as an employer; PROVIDED, HOWEVER, Lessee shall not be required to pay any State or Federal income taxes levied against Lessors, or any of them.

In the event the validity of any tax herein required to be paid by the Lessee shall be tested by litigation in Court, the failure of the Lessee to pay any such tax at the time the same shall become due and prior to the determination of the validity of the tax in such litigation, shall not constitute a violation of the terms of this Mining Lease.

(b) The Lessee shall perform any and all assessment work and annual labor required by law to be performed upon each of the mining claims included in the leased premises in order to hold said mining claims for the year beginning July 1, 1951, and for each and every year thereafter during the term of this lease, and complete the performance thereof and file the affidavits showing the performance thereof at least three (3) months before the expiration of the period allowed by law for the performance of said annual labor and assessment work.

ANNUAL LABOR

(c) The Lessors, their agents or representatives, shall have access at all reasonable times to the workings of the Lessee on said premises and shall, upon demand, be furnished with copies of assay and test reports, and Lessors shall have the right to have a representative or representatives present at all times during the prospecting, drilling, testing, and working of said property.

RECORDS, INSPECTIONS, AND DATA

The Lessee agrees to keep accurate records of all minerals and mining products which shall be mined and removed by it from the leased premises, to which records, including processing records, and all original papers, documents and supporting data, the Lessors, and their agents or representatives, shall have access at all reasonable times for the purpose of determining that the

Lessee has complied with the terms and provisions of this Mining Lease, and that Lessors are receiving all the payments to which they are entitled hereunder.

Lessee shall furnish to the Lessors the results of their sampling, testing and drilling upon said property.

LOCATION OF LODES

(d) Lessee agrees that during its mining operations, if it discovers any deposits containing merchantable values, and in veins, and other than those usually called 'placers', it will promptly notify the Lessors who may locate the same in the names of the Lessors, and such veins shall not be covered by this lease.

PAYMENT FOR LABOR AND MATERIALS

(e) Lessee shall be solely responsible for payment of all labor, materials, equipment and supplies contracted by it or furnished at its instance and request in connection with the conduct of mining operations upon the leased premises; and the Lessee agrees to indemnify and hold the Lessors harmless from and against any and all claims of creditors for such labor, material, equipment or supplies furnished the Lessee.

The Lessee agrees to conduct its mining operations upon the leased premises in conformity with the laws and regulations of the United States and of the State of Idaho now in force or as they may be from time to time amended, and to comply with the statutes of the State of Idaho respecting recording and posting of notices.

(f) The Lessee further agrees to indemnify and hold the Lessors harmless against all loss, damage, liability, liens, claims, expenses, costs, causes of action, suits at law or in equity, attorneys' fees, and any and all liability therefor sustained or incurred by the Lessors by reason of or on account of any claim, action, suit or proceedings against the Lessors in any way growing out of or connected with the operations of the Lessee under this lease.

INDEMNITY :

(g) All operations conducted by the Lessee upon the leased premises shall be conducted in a good and miner-like manner. If the dredging or other mining operations of the Lessee shall be suspended or prohibited by any State or Federal governmental order, and if the Lessee shall be without fault or blame therefor this Lease shall not be terminated because of any such suspension, but shall be extended beyond the term hereinabove set forth for the added period of time covered by such suspension. In any calendar year in which such suspension shall be in effect the mining royalty only need be paid.

CONDUCT OF MINING OPERATIONS :

The suspension or prohibition above referred to is not intended to include any suspension or prohibition by the Federal government, or any department or agency thereof, founded upon any claim by it that a portion of the leased premises is not or has not been subject to valid mining locations by reason of classification or withdrawal by the government for power or reclamation purposes. But in case Lessee's operations are prohibited or suspended by the Federal government or by any department or agency thereof upon a claim so founded the guaranteed annual royalty payable by Lessee hereunder during the calendar year, or calendar years, during which such suspension or prohibition shall be in effect shall be reduced in the proportion that the acreage embraced in the mining claims with respect to which such contention by the government is asserted bears to the total acreage of the mining claims leased hereunder.

SECTION 13.

IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

MINING PATENTS

(a) The Lessee shall have the right and privilege of obtaining United States patents to any and all of the demised premises. The cost of obtaining such patents shall be borne by the Lessee and the Lessors shall cooperate and assist in the obtaining of said patents. Said patents shall be obtained in the names of the Lessors.

CONDEMNATION

(b) It is agreed that if the whole or any part of the above described lands are taken by condemnation proceedings in any manner whatsoever, that the division of any award between the respective Parties herein shall be determined by a Board of Arbitration, the Lessors to appoint one Arbitrator, the Lessee to appoint another, and the two so selected to appoint a third Arbitrator; said arbitration proceedings to be conducted in the manner prescribed by the laws of the State of Idaho.

BANKRUPTCY

(c) It is agreed that the filing of a petition in bankruptcy by the Lessee, or the adjudication that the Lessee is a bankrupt, or an assignment for the benefit of creditors, or the levy of any execution against the interest of the Lessee in said leased premises herein

described to enforce or realize upon any judgment against the Lessee not stayed within sixty (60) days by an appeal bond shall permit the Lessors to cancel this lease and the Lessee shall forfeit all its rights to the possession of the leased premises, and that neither this lease nor any of Lessee's rights hereunder shall ever be an asset of the estate of the Lessee in the event it is bankrupt or files a petition in bankruptcy under the bankruptcy laws of the United States, or makes an assignment for the benefit of creditors.

TIME OF ESSENCE

(d) It is agreed that time is of the essence of this Lease. In the event the Lessee shall fail, refuse or neglect to make any payment of money as required herein, or shall fail, refuse or neglect to perform any other covenant hereof incumbent upon the Lessee to be kept and performed, then, and in that event, the Lessors shall have the option to declare this Lease forfeited, which option shall be exercised in the manner following: The Lessors shall give written notice to the Lessee specifying the particulars wherein the Lessee is in default. Should the matter in default as specified in such notice not be corrected, or shown not to exist, within a period of thirty (30) days from the date of mailing such notice in the case of non-payment of money, or within a period of sixty (60) days from the date of mailing such notice in all other instances, then the Lessors shall have the

right at their option to declare this lease terminated and all the interest of the Lessee in this lease and the demised premises terminated and forfeited, and said option to so terminate and forfeit shall be exercised by the Lessors giving written notice to Lessee, and in the event notice of their election to terminate and forfeit is given by Lessors the said termination and forfeiture shall be complete ten (10) days after the mailing of the same, and all the rights of Lessee hereunder shall be deemed terminated and forfeited.

In the event of and upon forfeiture or termination of this lease, the Lessors shall be entitled to retain all sums of money theretofore paid to them under the terms hereof and shall be entitled to collect and receive all sums of money which were payable to them under the terms of this lease as of the date of such forfeiture or termination. Further, in the event of forfeiture or termination of this lease, the Lessors shall be entitled to resume possession of the leased premises and the Lessee agrees to quit and surrender up the possession thereof immediately to the Lessors, subject to the privilege herein provided to remove therefrom all buildings, structures, mining plants, machinery, equipment, and supplies from said real property.

(e) Lessee shall have the right at any time during 1951 to cancel this lease, and thereafter shall upon

SURRENDER OF PROPERTY

thirty (30) days written notice to the Lessors have the right at any time to cancel this lease, and upon the termination of this agreement for any cause the Lessee shall immediately surrender unto the Lessors all of the premises herein demised without delay or hindrance, and the Lessors shall have the right, immediately upon the expiration or termination howsoever of this agreement, to enter upon the premises aforesaid and to take immediate possession thereof.

In case of the abandonment of this lease by Lessee, or in case of its cancellation or termination for any cause, Lessee will at once pay to Lessors any and all royalties due them hereunder. In case this lease is forfeited or terminated in any manner and Lessee shall make the payments in this subsection (e) provided for, it shall not be obligated to pay any guaranteed royalty thereafter.

REMOVAL OF EQUIPMENT

(f) As long as the Lessee is not in default in any of the payments herein provided to be made by the Lessee, it shall have the right during the term hereof and for a period of twelve (12) months from the termination hereof, to remove from the demised premises all machinery, tools, dredges, buildings, pipe lines, power lines and other equipment placed thereon by it, and unless so removed within said period of time the same shall immediately become the property of the Lessors.

(g) All notices given or required to be given under the terms of this agreement by Lessee to Lessors shall be in writing, sent by United States mail, postage prepaid, to the following persons:

NOTICES

ROBERT L. WILSON
P O Box 529
Cascade, Idaho

A. W. KIMBALL
P O Box 81
Cascade, Idaho

ROBERT R. JOHNSON
660 North Avenue East
Missoula, Montana

(being some of the Lessors) and said persons are hereby designated by all the said Lessors as their agents for such purpose; and such notices shall be addressed to said persons at their addresses as above given, unless and until Lessee is notified in writing of any change in any of such addresses.

Any notices given by Lessors to Lessee may be given on behalf of the Lessors by their agents above-named, or a majority of them; such notices shall likewise be in writing and sent by United States mail, postage prepaid, addressed to Lessee at:

411 Paulsen Building
Spokane 8, Washington

All such notices shall be deemed to be given on the date when they are deposited in any United States post office.

(h) After said leased premises shall have been worked out the provision herein as to the payment of the guaranteed annual royalty shall not apply, but the Lessee shall have the right to use said premises and keep and use its facilities thereon in treating the products taken from any other property of Lessors, and also any products taken from lands adjoining the leased premises.

(i) This agreement shall be binding upon and inure to the benefit of the Parties hereto, their successors, administrators, executors, heirs and assigns.

ASSIGNMENT

SECTION 14. The marginal captions contained herein are inserted only as a matter of convenience, and for reference, and in no way define, limit, or describe the scope or intent of this Mining Lease, nor in any way affect this lease.

MARGINAL CAPTIONS

IN WITNESS WHEREOF, The Parties hereto have hereunto set their hands and seals the day and year first above written.

Earl Kimball (SEAL)
EARL KIMBALL

A. W. Kimball (SEAL)
A W KIMBALL

Veldora Kimball (SEAL)
VELDORA KIMBALL

Robert L. Wilson (SEAL)
ROBERT L. WILSON

Ellen M. Wilson (SEAL)
ELLEN M WILSON

Frances Roberta Wilson (SEAL)
FRANCES ROBERTA WILSON

Grace Eleanor Cantrall (SEAL)
GRACE ELEANOR CANTRALL

Robert R. Johnson (SEAL)
ROBERT R. JOHNSON

Alvina A. Johnson (SEAL)
ALVINA A JOHNSON

PARTIES OF THE FIRST PART -- "LESSORS"

PORTER BROS. CORPORATION
a corporation

By R. P. Porter
President

ATTEST:

(SEAL)

D. L. Skidmore
Secretary

PARTY OF THE SECOND PART -- "LESSEE"

STATE OF IDAHO)
(SS.
COUNTY OF VALLEY)

On this 21 day of June, in the year 1951, before me, the Undersigned Notary Public in and for said County and State, personally appeared EARL KIMBALL, an unmarried man, A. W. KIMBALL and MINDA KIMBALL, husband and wife, ROBERT L. WILSON, sometimes known as Robt. L. Wilson, and ELLEN M. WILSON, Husband and Wife, and GRACE ELEANOR CANTRALL, an unmarried woman, sometimes known as Grace Cantrall, known to me to be the persons whose names are subscribed to the within and foregoing instrument, and who acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

J. C. Lefever (SEAL)

Notary Public for Idaho
Residence: Cascade, Valley
County, Idaho,
My Commission expires: 5-1-52

STATE OF IDAHO)
(SS.
COUNTY OF VALLEY)

On this 21 day of June, in the year 1951, before me, the Undersigned Notary Public in and for said County and State, personally appeared ROBERT L. WILSON, known to me to be the person whose name is subscribed to the within instrument as Attorney in Fact of ROBERTA WILSON, and acknowledged to me that he subscribed the name of FRANCES ROBERTA WILSON thereto as principal, and his own name as Attorney-in-fact.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

J. C. Lefever (SEAL)

Notary Public for Idaho
Residence: Cascade, Valley
County, Idaho
My Commission expires: 5-1-52

STATE OF IDAHO)
(SS.
COUNTY OF IDAHO)

On this 21st day of June, in the year 1951, before me, the undersigned Notary Public in and for said County and State, personally appeared HARMON KIMBALL and VELDORA KIMBALL, Husband and Wife, known to me to be two of the persons whose names are subscribed to the within and foregoing instrument, and who acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

(SEAL)

William J. Dee

Notary Public for Idaho
Residence: Grangeville, Idaho
My Commission expires: 8/17/54

STATE OF IDAHO)
(SS.
COUNTY OF ADA)

On this 13th day of June, in the year 1951, before me, D. O. Wilcox, a Notary Public in and for said County and State, personally appeared ROBERT R. JOHNSON, sometimes known as BOB JOHNSON, and ALVINA A. JOHNSON, Husband and Wife, known to me to be two of the persons whose names are subscribed to the within and foregoing instrument, and who acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

(SEAL)

D. O. Wilcox
Notary Public for Idaho
Residence: Boise, Idaho
My Commission expires: 6-3-52

STATE OF WASHINGTON)
(SS.
COUNTY OF SPOKANE)

On this 22nd day of June, in the year 1951, before me, L. G. Musser, a Notary Public in and for said County and State, personally appeared R. P. PORTER and D. L. SKIDMORE, known to me to be the President and Secretary, respectively, of PORTER BROS. CORPORATION, the corporation that executed the within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

(SEAL)

L. G. Musser
Notary Public for Washington
Residence: Spokane, Spokane County, Washington
My Commission expires: Mar. 26, 1954

700

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

August 3, 1953

Memorandum

To: Mails and Files

From: Ernest Wm. Ellis, Chief
Rare and Miscellaneous Metals Division

Subject: Docket No. DMA-1899X
(Monazite, tantalum, columbium, uranium)
Porter Bros. Corporation
Bear Valley Placer
Valley County, Idaho

On July 6, 1953, the Applicant was advised that this docket would be closed on July 31, 1953, if no response was received to requests for sufficient information to enable DMEA to proceed with the processing of the above-docketed application. No response has been received.

Accordingly, it is recommended that this docket be closed, and the docket file is returned herewith.

Ernest Wm. Ellis

Ernest Wm. Ellis

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1899

Date received 7/30/51

Participation

Porter Bros. Corporation
411 Paulsen Bldg.
Spokane 1, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 30 1951

Name and address of applicant

Date July 26, 1951

FILL IN THIS BLOCK

Date of application July 26, 1951

Estimated cost $50,000.00

Mineral or metal Uranium, Columbium-tantalum, Monazite, rare earth ores.

Percentage of Government participation 90%

Location of mine Bear Valley, Valley County Idaho

Date of filing MF-100 June 27, 1950

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT (See Sheets Attached)

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY (See Sheets Attached)

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION (See Sheets Attached)

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS (See Sheets Attached)

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

PORTER BROS. CORPORATION
(Name of company)

By D. L. Sidmore
(Signature of authorized official)

July 26, 1951
(Date)

D. L. Sidmore
Secretary and Treasurer
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Porter Bros. Corporation
411 Paulsen Bldg.
Spokane 1, Washington

THE APPLICANT

1. See MF-100

2. See MF-100

3. See MF-100

4. See MF-100

5. Lessee - See MF-100

6. Lessee

7. Copy of lease is attached. The lease is in good standing.

8. Financial statement as of July 10, 1951 is attached. As the company is not operating at the present time, but is engaged in exploration work only, no profit and loss statement is available.

9. The company is prepared to invest $5,000 in the proposed project. This sum is sufficient to pay the company's part of the cost of the project as detailed in question 23 of this application.

PORTER BROS. CORPORATION
BALANCE SHEET AS OF JULY 10, 1951

ASSETS

CASH		
On Deposit in Banks	$ 2,436.37	
On Hand	25.00	$ 2,461.37
ACCOUNTS RECEIVABLE		
Due within 30 days	$ 3,843.52	
Insurance Deposits	300.00	
Other	2,500.00	6,643.52
SUPPLIES ON HAND		6,757.10
PREPAID INSURANCE		1,313.28
PLANT AND EQUIPMENT		
Buildings	$ 14,222.25	
Dredge and Equipment	196,375.77	
Office Equipment	5,514.89	
Prospecting Equipment	14,962.24	
Surveying Equipment	1,033.78	
Shop Equipment - Machinery	7,939.43	
Shop Equipment - Small Tools	238.03	
Autos and Trucks	12,662.10	
Water Supply System	12,075.75	
Water Supply Machinery	2,855.49	
Gas Line	11,534.18	
		279,413.91
MINE PROPERTIES - HELENA, MONTANA		
Lands and Leases	$202,902.10	
Prospecting	43,270.51	246,172.61
EXPLORATION - OTHER PROPERTIES		8,686.25
TOTAL ASSETS		$551,948.04

LIABILITIES AND CAPITAL

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

NOTE RE BALANCE SHEET

In reviewing the attached balance sheet it is to be noted that the amounts shown as "Reserve for Depreciation" and "Reserve for Depletion" have been taken from the ledger accounts and reflect the figures used in prior years to determine net income for income tax purposes.

The company was permitted to write its equipment down on prior operations to a small salvage value. Depletion was taken on the percentage basis.

The sum of $269,990.26 shown as "Reserve for Depreciation" when applied to the cost of the equipment results in a net depreciated value of $9,423.65, whereas it is considered that the equipment has a utility value of not less than $150,000.00. Therefore, excess depreciation in the sum of $140,576.35 should be taken into account.

The sum of $506,429.91 shown as "Reserve for Depletion" represents percentage depletion as taken and allowed on mining properties which cost $246,172.61. Therefore, excess depletion in the sum of $260,257.30 should be taken into account.

In order to properly determine the company's net worth, the following adjustments in the "Surplus Account" would be appropriate:

Surplus account as per statement - Deficit		($363,791.16)
Adjust for excess depreciation	$140,576.35	
Adjust for excess depletion	260,257.30	400,833.65
Surplus account as adjusted		$ 37,042.49

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE PROPERTY

10. (a) The property consists of 34 placer mining claims located in Sections 2, 3, 10, 15, Tp. 11 N, R. 8 E; Sections 26, 30, 34, 35, 36, Tp. 12 N, R. 8 E; Sections 3, 4, 9, 10, 16, 17, 20, 29, Tp. 12 N, R. 9 E; Sections 23, 24, 26, 27, 34, 35, Tp. 13 N, R. 9 E, of the Boise Meridian.

The placer claims located in the above Sections are recorded in the office of the County Recorder of Valley County, Idaho, in Book 5 of Placer Mining Records. At the pages hereinafter designated the names of the claims and the pages at which the location certificates are recorded in Book 5 of Placer Mining Records are as follows:

CLAIMS	Placer Book	Original Page	Placer Book	Amended Page
Atom Bomb	5	177		
Bear Valley No. 1	5	580	5	69
Bear Valley No. 2	5	581	5	70
Bear Valley No. 3	5	582	5	72
Bear Valley No. 4	5	583	5	73
Bear Valley No. 5	5	584	5	74
Bear Valley No. 6	5	600	5	78
Bear Valley No. 7	5	601	5	79
Bear Valley No. 8	5	602	5	80
Bear Valley No. 9	5	603	5	82
Bear Valley No. 10	5	604	5	83
Bear Valley No. 11	5	605	5	84
Bear Valley No. 12	5	606	5	86
Bear Valley No. 13	5	607	5	87
Bear Valley No. 14	5	608	5	88
Bear Valley No. 15	5	195		
Bear Valley No. 16	5	196		
Buzzard	5	185		
Cache Creek	5	176		
Canyon	5	184		
Cub Creek	5	186		
Cook Creek	5	170		
Duke	5	182		
Elk Creek	5	169		
Frosty	5	179		
Lot 4	5	183		
Pole Creek	5	171		
Sack Creek	5	178		
Sheep Trail Creek	5	181		
South Forty	5	172		
Transfer	5	180		
White Hawk No. 1	5	609	5	76
White Hawk No. 3	5	197		
White Hawk No. 4	5	198		

10. (b) Same as 10. (a)

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE PROPERTY (Cont)

11. See MF-100

12. See MF-100

13. See MF-100

14. See MF-100

15. At present it is planned to ship dredge concentrates by truck to Cascade, Idaho where a separation plant will be installed to further concentrate and separate the various minerals. The concentrates from this plant will be shipped from Cascade by Union Pacific Railroad to the ultimate purchasers.

16. See MF-100

17. See MF-100

18. See MF-100

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE EXPLORATION

20. The minerals for which the exploration is to be conducted are uranium-bearing ores, samarskite, euxenite, columbium-tantulum, monazite and rare earth ores in placer deposits.

21. The prospecting work is being done by churn drilling to determine the value and extent of such deposits. This company has made arrangements with the Galigher Company at Salt Lake City for exhaustive laboratory work on the churn drill samples which will be shipped direct from the property to the Galigher Laboratory. The Galigher Company has arranged to work in cooperation with the Bureau of Mines at Salt Lake City in the determinations relative to radio-active material. It is estimated that it will require ten months of active exploration work to complete the project.

22. Surface samples taken from this property in the fall of 1950 by the Bureau of Mines acting for the Atomic Energy Commission indicated the presence of several of the above minerals. Extensive laboratory work was performed on this material during the past winter by the Bureau of Mines for the Atomic Energy Commission. The laboratory work was carried on at the Bureau of Mines at Mt. Weather, Bluemont, Virginia, under the direction of Mr. M. H. Kline, Chief of the Special Minerals Branch.

Results of the research work at Bluemont were of such nature that the Atomic Energy Commission has appropriated a considerable sum of money to be expended by the Bureau of Mines to carry out an extensive program of churn drilling on the property and further laboratory research during the summer of 1951.

The work to be performed by the Bureau of Mines will determine in a general way the extent and value of the deposit. The work which has been undertaken by this company is for the purpose of definitely blocking out mining areas with a definite plan to install a dredge, or dredges, or other digging equipment and a separation plant, or plants, which might be necessary to re-cover the minerals contained in the deposit.

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE
REQUIREMENTS AND COSTS

Summary of Estimated Costs

8,000 ft. of churn drill holes at $5.00	$40,000
Equipment cost	6,500
Facilities for housing drill crews	3,500
Total	$50,000

23. (a) One drill crew consists of one driller at $1.75 per hour, plus board and room.
One drill helper at $1.50 per hour, plus board and room.
One panner at $350.00 per month, plus board and room.
Employees on a hourly rate basis are paid time and one half for hours worked in excess of 40 hours per week. The work performed by the panner consists of screening and sacking the drill hole samples.

One drill only is now employed on the operation. If results from the first few holes indicate the advisability of putting on two shifts on this drill, such action will be taken. Furthermore, the company owns and has available a second drill which will be employed on the project if results indicate it is desirable.

23. (b) One engineer is in charge of the project. His salary is not included in the costs set forth above, however, his board, room, and travelling expense will be charged to the cost of the project.

23. (c) None

23. (d) At the present time with only one drill crew in the field, it would be uneconomical to provide housing and boarding facilities for such a small number of men. Therefore, no provision has been made to construct such facilities at this time. The men are living at Deadwood Lodge, located approximately 14 miles from the property. A charge of $5.00 per day is made for the cabin in which the men are housed and meals are furnished by the Lodge at $4.00 per day per man.

Should it be decided to increase the number of drill crews, it might then be desirable to provide sleeping and boarding facilities. The estimated costs for such facilities are included in the summary above.

23. (e) None

23. (f) None

23. (g)

1 - Keystone #71 Drill, self-propelled on Caterpillar tracks including pipe, drill bits, tools and accessories	$350.00	per month
1 - GMC four ton flat bed truck	100.00	" "
1 - International 1 ton pickup truck	100.00	" "
1 - Ford 1/2 ton pickup truck	100.00	" "
Total	$650.00	" "

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

THE REQUIREMENTS AND COSTS (Cont.)

23. (h) Materials, supplies and repairs are estimated to cost approximately $40.00 per shift per drill.

23. (i) In the summary of the estimated costs shown above, the cost of $5.00 per foot for drill holes is intended to include, in addition to the cost of actual drilling, the cost of sacking, handling, transportation and laboratory work to be performed by the Galigher Company at Salt Lake City. Preparation and loading of equipment for shipment to the property began on June 16, 1951 and actual drilling operations commenced June 25, 1951. The cost of the preliminary work and cost of freight and truck transportation to the property are included in the estimate of cost per foot of drill holes, and is intended to be made a part of the total cost of the exploration project.

24. It is expected that a period of 10 months exploration work will be required to obtain information sufficient to determine if the property contains sufficient mineral to justify installation of mining, concentrating and separating equipment. It is estimated that the monthly expenditures will average approximately $5,000 during this period. The amount expended monthly will depend upon the number of drill crews employed on the property. It is expected that severe winter weather conditions may force suspension of the exploration work for a period of several months during the coming winter. However, it is expected that the entire exploration program will be completed by the end of the 1952 season.

Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington

MINING LEASE

THIS MINING LEASE, Made and entered into this 13th day of June, 1951, by and between EARL KIMBALL, an unmarried man, A. W. KIMBALL and MINNA KIMBALL, Husband and Wife, HARMON KIMBALL and VELMORA KIMBALL, Husband and Wife, ROBERT L. WILSON, sometimes known as ROBT. L. WILSON, and ELLEN M. WILSON, Husband and Wife, FRANCES ROBERTA WILSON, sometimes known as ROBERTA WILSON, a single woman, and GRACE ELEANOR CANTRALL, sometimes known as GRACE CANTRALL, and unmarried woman, all of Cascade, Valley County, Idaho, and ROBERT R. JOHNSON, sometimes known as BOB JOHNSON, and ALVINA A. JOHNSON, Husband and Wife, of Missoula, Montana, Parties of the First Part, hereinafter referred to and designated as "LESSORS", and the PORTER BROS. CORPORATION, a corporation, organized and existing under and by virtue of the laws of the State of Delaware, and duly qualified to do business in the State of Idaho by virtue of full and complete compliance with the laws of the State of Idaho relative to foreign corporations doing business in Idaho, and whose post office address is 411 Paulsen Building, Spokane 8, Washington, Party of the Second Part, hereinafter referred to and designated as "LESSEE",

PARTIES

W I T N E S S E T H:

FOR AND IN CONSIDERATION of the premises and of the covenants and agreements of the respective Parties hereto

herein set forth, it is mutually covenanted and agreed by and between the Parties hereto as follows:

SECTION I.

DEFINITIONS

(a) "Lessors" — The Word "Lessors" as used throughout this lease means the Parties of the First Part above-named, and their respective heirs, personal representatives and assigns; that the marital status of each of said Lessors has not changed since he or she acquired his or her interest in the premises hereby leased;

(b) "Lessee" — The word "Lessee" as used throughout this lease means the PONTIE MINS. CORPORATION, a corporation, its successors and assigns, whether by actual assignment or by merger or consolidation, and includes any corporation with which it may be merged or consolidated.

(c) "Leased Premises" — By "leased premises", as used herein, is meant those certain placer mining claims located in Bear Valley, Valley County, Idaho, and more fully described in the certificates of location thereof recorded in the office of the County Recorder of Valley County, Idaho, in Book 5 of Placer Mining Records, and at the pages hereinafter designated. The figures opposite the name of a claim designates the page or pages in said Book 5 of said Placer Mining Records where the certificate of location of said claim is recorded; the word 'original' above the left-hand column indicates the original certificate of location, and the word 'amended' above the right-hand column indicates an amended certificate of location.

The names of the claims and the pages at which said location certificates are recorded in said Book 5 of said Placer Mining Records are as follows:

CLAIMS	ORIGINAL PLACER	ORIGINAL BOOK	ORIGINAL PAGE	AMENDED PLACER	AMENDED BOOK	AMENDED PAGE
Atom Bomb	"	5	177			
Bear Valley No. 1	"	5	530	"	5	69
Bear Valley No. 2	"	5	531	"	5	70
Bear Valley No. 3	"	5	532	"	5	72
Bear Valley No. 4	"	5	583	"	5	73
Bear Valley No. 5	"	5	584	"	5	74
Bear Valley No. 6	"	5	600	"	5	78
Bear Valley No. 7	"	5	601	"	5	79
Bear Valley No. 8	"	5	602	"	5	80
Bear Valley No. 9	"	5	603	"	5	82
Bear Valley No. 10	"	5	604	"	5	83
Bear Valley No. 11	"	5	605	"	5	84
Bear Valley No. 12	"	5	606	"	5	86
Bear Valley No. 13	"	5	607	"	5	87
Bear Valley No. 14	"	5	608	"	5	88
Bear Valley No. 15	"	5	195			
Bear Valley No. 16	"	5	196			
Buzzard	"	5	185			
Cache Creek	"	5	176			
Canyon	"	5	184			
Cub Creek	"	5	186			
Cook Creek	"	5	170			
Duke	"	5	182			
Elk Creek	"	5	169			

	CLAIMS	PLACER	ORIGINAL BOOK	ORIGINAL PAGE	PLACER	AMENDED BOOK	AMENDED PAGE
	Frosty	"	5	179			
	Lot 4	"	5	183			
	Pole Creek	"	5	171			
	Sack Creek	"	5	178			
	Sheep Trail Creek	"	5	181			
	South Forty	"	5	172			
	Transfer	"	5	180			
	White Hawk No. 1	"	5	609	"	5	76
R.L.W.	~~White Hawk No. 2~~	"	~~5~~	~~610~~			
	White Hawk No. 3	"	5	197			
	White Hawk No. 4	"	5	198			

The descriptions contained in said records are hereby by this reference incorporated herein, and said records are hereby referred to for a more detailed description of said claims.

The "leased premises" also includes and there is also included in this lease any and all placer mining property within 1500 feet of the exterior boundaries of said placer mining claims which have or may hereafter be acquired by any of the Parties hereto under the mining laws of the United States.

(d) "Products" -- By "Products" as used herein is meant, but not limited to, any and all gold, minerals, values, ores, sands, rare earths, uranium, monazite, thorium, zircon, ilmenite, magnetite, columbite, zirconium, titanium, and any and all other materials of every kind and nature removed from, on, in, or under said leased premises.

(e) "Processing" -- By the term "Processing" as used herein is meant, but not limited to, mining, milling, dredging, collecting, saving, separating, sizing, jigging, reducing, smelting, or otherwise beneficiating any products to such extent as may be necessary to prepare the same in final condition for marketing.

(f) "Additional Consideration for Lease" -- By the term "Additional Consideration for Lease" as used herein is meant the amounts to be paid by the Lessee to the Lessors on or before December 31, 1951.

(g) "Guaranteed Annual Royalty" -- By the term "Guaranteed Annual Royalty" as used herein, is meant the guaranteed minimum annual payments to be made by the Lessee to the Lessors.

(h) "Mining Royalty" -- By the term "Mining Royalty" as used herein is meant any sums paid or to be paid by the Lessee to the Lessors from actual operations upon the leased premises as provided herein.

(i) "Sales Returns" -- By the term "Sales Returns" as used herein, and upon which a ten per cent (10%) royalty is to be paid by the Lessee to the Lessors, is meant the gross amount of money, in whatever form received, including any and all bonuses, premiums and rewards, directly or indirectly received from the sale by Lessee of any products removed by the Lessee from the leased premises, or any part thereof; Lessee at its own expense to transport the same to such processing plant or plants as may be necessary to put the same in final condition for marketing by Lessee. Neither any part of the cost or expense of mining, dredging, collecting, saving, separating, sizing, jigging, nor otherwise removing the products and values from said leased premises, nor any part of the cost or expense of transporting to any mill, reduction works, smelter, beneficiating plant or works, processing plant, nor any part of the cost or expense of treating, milling, processing, reducing or smelting, or otherwise treating, or beneficiating the same by the Lessee or by any person, firm or corporation controlled by or in which Lessee is financially interested, or by any person, firm or corporation in which the stockholders of the Lessee own more than a twenty-five per cent (25%) interest, nor any cost or expense of marketing any product after the same shall have been placed by Lessee in such final condition for marketing: EXCEPT That after the same shall have been placed in such final condition for marketing by Lessee, the cost of transportation and

insurance shall be deducted before said royalty of ten per cent (10%) shall be computed. As to any products sold to a United States Mint, or any branch or agency thereof, the said ten per cent (10%) royalty shall be computed and paid upon the net returns thereof; and, likewise, as to any product sold to a smelter, or other purchaser, in which the Lessee does not have any financial interest, and in which Lessee's stockholders do not own more than a twenty-five per cent (25%) interest, the said ten per cent (10%) royalty shall be computed and paid upon the net returns thereof.

RIGHTS GRANTED TO LESSEE

SECTION 2. The Lessors, for and in consideration of the rentals and royalties to be paid, and the covenants and agreements to be observed, kept and performed by the Lessee, for the term hereinafter stated, and upon the terms and conditions hereinafter set forth, do hereby lease, demise and let unto the Lessee the said demised premises.

It is further understood and agreed by and between the Lessors and the Lessee that the mining claims and property hereinbefore described are unpatented mining claims, paramount title to the same being in the United States of America, and such title and right of possession as Lessors have in said property is subject to all the reservations, restrictions, and conditions imposed by existing State and Federal laws and regulations.

EFFECTIVE DATE OF LEASE--TERM

SECTION 3. This Lease and Agreement shall take effect on the date hereinabove first written and shall continue in full force and effect for a period of fifteen (15) years thereafter. The Lessee shall have the right and privilege of renewing this agreement for three (3) further periods of five (5) years each from and after the expiration of said fifteen (15) year period, making a total of thirty (30) years. Any of said renewals above provided for may be effected by the Lessee by serving written notice of its desire for such renewal on the Lessors not less than ninety (90) days before the expiration of any of said leasehold periods.

RIGHTS TO PROSPECT AND TEST

SECTION 4. Lessee shall, from the date hereof, have the right and privilege to enter upon said leased premises and test the same for placer gold and other minerals, ores, values and metals, by drilling holes, sinking shafts, or otherwise, upon said lands during a period extending to August 1, 1951. Said right of prospecting may be continued by Lessee for the period herein provided for by Lessee complying with the terms and conditions herein set forth.

When said testing and prospecting is completed, all drill holes, shafts and excavations shall be left in a reasonably safe condition.

RIGHT TO USE OF PREMISES

SECTION 5. Lessee shall have the right to use the surface of said leased premises and may select and use camp sites on the leased premises and may construct thereon such buildings, shops and concentrating plants as may be

necessary in connection with its dredging and mining operations, and shall have the right of ingress to and egress from the leased premises, or any part thereof, for the purpose of constructing and using roads, ditches, pipe lines and power lines. The Lessee shall have the right to use its facilities located upon the leased premises to mine and treat the products taken from any lands adjoining the leased premises. Such rights shall continue in effect during the period of this lease.

It is understood and agreed, however, that the leased premises are located within the Boise National Forest, and the rights herein granted are subject to all lawful regulations and restrictions imposed by the Federal Forestry Administration. The buildings or other improvements erected by Lessee shall be so located as not to conflict with administrative sites and other areas (if any) reserved for National Forest uses.

RUNS WITH THE LAND

SECTION 6. It is agreed that this Mining Lease shall run with the above described real property and be binding upon the successors in title or in interest thereto, and shall be binding upon and shall also inure to the benefit of the respective heirs, personal representatives, executors, administrators, successors and assigns of the Parties hereto.

SECTION 7. It is agreed that the Lessors have ordered an abstract of title covering the said demised premises and that the same will be delivered to the Lessee at the earliest possible date, and that the Lessee shall have the same examined by its Attorney or Attorneys, and that the Lessee shall on or before August 1, 1951, decide and determine as to whether the possessory title of the Lessors in and to the said demised premises is satisfactory to the Lessee.

PROOF OF TITLE — ABSTRACT

It is agreed that the Lessee has or will pay for the cost of said abstract of title for the said leased premises, and in the event that it elects to make the payment hereinafter called for on or before August 1, 1951, that the Lessee shall receive credit for said payment for the cost of said abstract of title, and in the event it elects not to make said payment and not to proceed hereunder that it shall bear the entire cost and expense of said abstract of title, but shall deliver the same to the Lessors.

SECTION 8. If Lessee, after prospecting and testing said leased premises, and after examination of the abstract of title, shall elect to proceed further under this lease, it shall on or before August 1, 1951, give Lessors written notice of its election so to do, and shall pay to the Lessors the sum

ADDITIONAL CONSIDERATION FOR LEASE

of SIX THOUSAND DOLLARS ($6,000.00), and upon the payment of said sum shall have the right thereafter to continue to prospect, test, mine and dredge said property, but not beyond January 1, 1952.

If the Lessee, on or before January 1, 1952, elects to continue its operations hereunder it shall notify the Lessors in writing of such election, and shall on or before said date pay to the Lessors the additional sum of NINETEEN THOUSAND DOLLARS ($19,000.00), and then, but not otherwise, the said Lessee may proceed to continue its prospecting, testing and mining operations under the terms and conditions herein provided.

GUARANTEED ANNUAL ROYALTY

SECTION 9. So long as the Lessee continues hereunder it shall pay to the Lessors as a guaranteed annual royalty the following sums: On or before December 31, 1952, the additional sum of ONE HUNDRED THOUSAND DOLLARS ($100,000.00); and beginning with the calendar year 1953 and thereafter during each calendar year the Lessee shall pay to the Lessors as a guaranteed annual royalty the sum of ONE HUNDRED THOUSAND DOLLARS ($100,000.00), per year, payable on or before December 31st of each and every year.

Any mining royalty payments made hereunder shall apply upon said guaranteed annual royalty. On the due date of each payment of guaranteed annual royalty as above specified Lessee shall pay to the Lessors such amount as, together with the mining royalties paid to

Lessors by Lessee since the preceding payment on the guaranteed annual royalty shall equal the sum becoming due as herein provided. After the crediting of the mining royalty to the amounts paid as guaranteed royalty, the remaining mining royalty shall be paid to Lessors.

In the event that the mining royalty paid during the year 1952 does not equal the guaranteed royalty of $100,000.00 paid on or before December 31, 1952, then the amount which the Lessee shall pay in addition to such mining royalty to make up said $100,000.00 shall be recouped and retained by Lessee from any mining royalty in excess of $100,000.00 payable in the year 1953. After the said amount is recouped the balance of the mining royalty earned during the year 1953, if any, shall be paid over to the Lessors; after 1953 there shall be no recoupment of any guaranteed annual royalty.

Mining royalty payments made in any one year in excess of the annual guaranteed royalty payments herein provided for shall not be carried over to apply on the guaranteed annual royalty payments for any future years.

MINING ROYALTY

SECTION 10. As Mining Royalty (referred to herein as such), the Lessee does hereby agree to pay to the Lessors a sum of money equivalent to ten per cent (10%) of the sale returns, as defined herein, received from all products recovered by the Lessee through mining or other operations upon the leased premises and sold and

disposed of by the Lessee.

The mining royalty, as defined herein, payable to the Lessors hereunder shall become due and payable on the 20th day of each and every month, and such mining royalty shall be computed on the sales returns, as defined herein, from all products recovered through the mining or other operations of the Lessee on the leased premises for which payment has been received by the Lessee from the sale thereof during the calendar month preceding the month in which such mining royalty payments shall become due. At the time of making each such mining royalty payment, the Lessee shall transmit to the Lessors a true and correct statement of the amount, kind and nature of products recovered by the mining operations of the Lessee upon the leased premises for which mining royalty is then being paid, and with each such mining royalty payment, there shall be transmitted to the Lessors a duplicate mint or smelter return or duplicate statement from any other purchaser or purchasers to whom such mining products shall have been sold.

The aforesaid monthly reports shall be furnished each and every month regardless of whether any mining royalty is to be actually paid.

PAYMENT OF ROYALTIES

SECTION 11. All royalties paid hereunder shall be paid to Lessors by depositing the same to their credit in the McCALL BRANCH of THE IDAHO FIRST NATIONAL BANK, at McCall, Idaho.

SECTION 12. LESSEE HEREBY AGREES as follows:

PAYMENT OF TAXES AND ASSESSMENTS

(a) The Lessee agrees to pay all property taxes levied and assessed upon the machinery, equipment, buildings and other property placed upon the leased premises by the Lessee, and further agrees to pay the Mines License Tax of the State of Idaho and any other licenses, severance or use taxes which may be levied, either by the United States of America or the State of Idaho, or other governmental agency, upon the products produced from the leased premises during the operations of the Lessee.

The Lessee further agrees to carry Workmen's Compensation Insurance upon its employees as required by the statutes of the State of Idaho, and to pay all Unemployment Compensation and Social Security Taxes, and all other taxes, license fees and charges, required by Federal or State of Idaho statutes or regulations to be paid by the Lessee as an employer; PROVIDED, HOWEVER, Lessee shall not be required to pay any State or Federal income taxes levied against Lessors, or any of them.

In the event the validity of any tax herein required to be paid by the Lessee shall be tested by litigation in Court, the failure of the Lessee to pay any such tax at the time the same shall become due and prior to the determination of the validity of the tax in such litigation, shall not constitute a violation of the terms of this Mining Lease.

(b) The Lessee shall perform any and all assessment work and annual labor required by law to be performed upon each of the mining claims included in the leased premises in order to hold said mining claims for the year beginning July 1, 1951, and for each and every year thereafter during the term of this lease, and complete the performance thereof and file the affidavits showing the performance thereof at least three (3) months before the expiration of the period allowed by law for the performance of said annual labor and assessment work.

ANNUAL LABOR

(c) The Lessors, their agents or representatives, shall have access at all reasonable times to the workings of the Lessee on said premises and shall, upon demand, be furnished with copies of assay and test reports, and Lessors shall have the right to have a representative or representatives present at all times during the prospecting, drilling, testing, and working of said property.

RECORDS, INSPECTIONS, AND DATA

The Lessee agrees to keep accurate records of all minerals and mining products which shall be mined and removed by it from the leased premises, to which records, including processing records, and all original papers, documents and supporting data, the Lessors, and their agents or representatives, shall have access at all reasonable times for the purpose of determining that the

Lessee has complied with the terms and provisions of this Mining Lease, and that Lessors are receiving all the payments to which they are entitled hereunder.

Lessee shall furnish to the Lessors the results of their sampling, testing and drilling upon said property.

LOCATION OF LODES

(d) Lessee agrees that during its mining op- operations, if it discovers any deposits containing merchantable values, and in veins, and other than those usually called 'placers', it will promptly notify the Lessors who may locate the same in the names of the Lessors, and such veins shall not be covered by this lease.

PAYMENT FOR LABOR AND MATERIALS

(e) Lessee shall be solely responsible for payment of all labor, materials, equipment and supplies contracted by it or furnished at its instance and request in connection with the conduct of mining operations upon the leased premises; and the Lessee agrees to indemnify and hold the Lessors harmless from and against any and all claims of creditors for such labor, material, equipment or supplies furnished the Lessee.

The Lessee agrees to conduct its mining operations upon the leased premises in conformity with the laws and regulations of the United States and of the State of Idaho now in force or as they may be from time to time amended, and to comply with the statutes of the State of Idaho respecting recording and posting of notices.

(f) The Lessee further agrees to indemnify and hold the Lessors harmless against all loss, damage, liability, liens, claims, expenses, costs, causes of action, suits at law or in equity, attorneys' fees, and any and all liability therefor sustained or incurred by the Lessors by reason of or on account of any claim, action, suit or proceedings against the Lessors in any way growing out of or connected with the operations of the Lessee under this lease.

INDEMNITY :

(g) All operations conducted by the Lessee upon the leased premises shall be conducted in a good and miner-like manner. If the dredging or other mining operations of the Lessee shall be suspended or prohibited by any State or Federal governmental order, and if the Lessee shall be without fault or blame therefor this Lease shall not be terminated because of any such suspension, but shall be extended beyond the term hereinabove set forth for the added period of time covered by such suspension. In any calendar year in which such suspension shall be in effect the mining royalty only need be paid.

CONDUCT OF MINING OPERATIONS :

The suspension or prohibition above referred to is not intended to include any suspension or prohibition by the Federal government, or any department or agency thereof, founded upon any claim by it that a portion of the leased premises is not or has not been subject to valid mining locations by reason of classification or withdrawal by the government for power or reclamation purposes. But in case Lessee's operations are prohibited or suspended by the Federal government or by any department or agency thereof upon a claim so founded the guaranteed annual royalty payable by Lessee hereunder during the calendar year, or calendar years, during which such suspension or prohibition shall be in effect shall be reduced in the proportion that the acreage embraced in the mining claims with respect to which such contention by the government is asserted bears to the total acreage of the mining claims leased hereunder.

SECTION 13.

IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

MINING PATENTS

(a) The Lessee shall have the right and privilege of obtaining United States patents to any and all of the demised premises. The cost of obtaining such patents shall be borne by the Lessee and the Lessors shall cooperate and assist in the obtaining of said patents. Said patents shall be obtained in the names of the Lessors.

CONDEMNATION

(b) It is agreed that if the whole or any part of the above described lands are taken by condemnation proceedings in any manner whatsoever, that the division of any award between the respective Parties herein shall be determined by a Board of Arbitration, the Lessors to appoint one Arbitrator, the Lessee to appoint another, and the two so selected to appoint a third Arbitrator; said arbitration proceedings to be conducted in the manner prescribed by the laws of the State of Idaho.

BANKRUPTCY

(c) It is agreed that the filing of a petition in bankruptcy by the Lessee, or the adjudication that the Lessee is a bankrupt, or an assignment for the benefit of creditors, or the levy of any execution against the interest of the Lessee in said leased premises herein

described to enforce or realize upon any judgment against the Lessee not stayed within sixty (60) days by an appeal bond shall permit the Lessors to cancel this lease and the Lessee shall forfeit all its rights to the possession of the leased premises, and that neither this lease nor any of Lessee's rights hereunder shall ever be an asset of the estate of the Lessee in the event it is bankrupt or files a petition in bankruptcy under the bankruptcy laws of the United States, or makes an assignment for the benefit of creditors.

TIME OF ESSENCE

(d) It is agreed that time is of the essence of this Lease. In the event the Lessee shall fail, refuse or neglect to make any payment of money as required herein, or shall fail, refuse or neglect to perform any other covenant hereof incumbent upon the Lessee to be kept and performed, then, and in that event, the Lessors shall have the option to declare this Lease forfeited, which option shall be exercised in the manner following: The Lessors shall give written notice to the Lessee specifying the particulars wherein the Lessee is in default. Should the matter in default as specified in such notice not be corrected, or shown not to exist, within a period of thirty (30) days from the date of mailing such notice in the case of non-payment of money, or within a period of sixty (60) days from the date of mailing such notice in all other instances, then the Lessors shall have the

right at their option to declare this lease terminated and all the interest of the Lessee in this lease and the demised premises terminated and forfeited, and said option to so terminate and forfeit shall be exercised by the Lessors giving written notice to Lessee, and in the event notice of their election to terminate and forfeit is given by Lessors the said termination and forfeiture shall be complete ten (10) days after the mailing of the same, and all the rights of Lessee hereunder shall be deemed terminated and forfeited.

In the event of and upon forfeiture or termination of this lease, the Lessors shall be entitled to retain all sums of money theretofore paid to them under the terms hereof and shall be entitled to collect and receive all sums of money which were payable to them under the terms of this lease as of the date of such forfeiture or termination. Further, in the event of forfeiture or termination of this lease, the Lessors shall be entitled to resume possession of the leased premises and the Lessee agrees to quit and surrender up the possession thereof immediately to the Lessors, subject to the privilege herein provided to remove therefrom all buildings, structures, mining plants, machinery, equipment, and supplies from said real property.

(e) Lessee shall have the right at any time during 1951 to cancel this lease, and thereafter shall upon

SURRENDER OF PROPERTY

thirty (30) days written notice to the Lessors have the right at any time to cancel this lease, and upon the termination of this agreement for any cause the Lessee shall immediately surrender unto the Lessors all of the premises herein demised without delay or hindrance, and the Lessors shall have the right, immediately upon the expiration or termination howsoever of this agreement, to enter upon the premises aforesaid and to take immediate possession thereof.

In case of the abandonment of this lease by Lessee, or in case of its cancellation or termination for any cause, Lessee will at once pay to Lessors any and all royalties due them hereunder. In case this lease is forfeited or terminated in any manner and Lessee shall make the payments in this subsection (e) provided for, it shall not be obligated to pay any guaranteed royalty thereafter.

REMOVAL OF EQUIPMENT

(f) As long as the Lessee is not in default in any of the payments herein provided to be made by the Lessee, it shall have the right during the term hereof and for a period of twelve (12) months from the termination hereof, to remove from the demised premises all machinery, tools, dredges, buildings, pipe lines, power lines and other equipment placed thereon by it, and unless so removed within said period of time the same shall immediately become the property of the Lessors.

(g) All notices given or required to be given under the terms of this agreement by Lessee to Lessors shall be in writing, sent by United States mail, postage prepaid, to the following persons:

NOTICES

ROBERT L. WILSON
P O Box 529
Cascade, Idaho

A. W. KIMBALL
P O Box 31
Cascade, Idaho

ROBERT R. JOHNSON
660 North Avenue East
Missoula, Montana

(being some of the Lessors) and said persons are hereby designated by all the said Lessors as their agents for such purpose; and such notices shall be addressed to said persons at their addresses as above given, unless and until Lessee is notified in writing of any change in any of such addresses.

Any notices given by Lessors to Lessee may be given on behalf of the Lessors by their agents above-named, or a majority of them; such notices shall likewise be in writing and sent by United States mail, postage prepaid, addressed to Lessee at:

411 Paulsen Building
Spokane 8, Washington

All such notices shall be deemed to be given on the date when they are deposited in any United States post office.

(h) After said leased premises shall have been worked out the provision herein as to the payment of the guaranteed annual royalty shall not apply, but the Lessee shall have the right to use said premises and keep and use its facilities thereon in treating the products taken from any other property of Lessors, and also any products taken from lands adjoining the leased premises.

ASSIGNMENT

(i) This agreement shall be binding upon and inure to the benefit of the Parties hereto, their successors, administrators, executors, heirs and assigns.

MARGINAL CAPTIONS

SECTION 14. The marginal captions contained herein are inserted only as a matter of convenience, and for reference, and in no way define, limit, or describe the scope or intent of this Mining Lease, nor in any way affect this lease.

IN WITNESS WHEREOF, The Parties hereto have hereunto set their hands and seals the day and year first above written.

Earl Kimball (SEAL)
EARL KIMBALL

A. W. Kimball (SEAL)
A W KIMBALL

Minda Kimball (SEAL)
MINDA KIMBALL

Harmon Kimball (SEAL)
HARMON KIMBALL

Veldora Kimball (SEAL)
VELDORA KIMBALL

Robert L. Wilson (SEAL)
ROBERT L. WILSON

Ellen M. Wilson (SEAL)
ELLEN M WILSON

Frances Roberta Wilson (SEAL)
FRANCES ROBERTA WILSON

Grace Eleanor Cantrall (SEAL)
GRACE ELEANOR CANTRALL

Robert R. Johnson (SEAL)
ROBERT R. JOHNSON

Alvina A. Johnson (SEAL)
ALVINA A JOHNSON

PARTIES OF THE FIRST PART -- "LESSORS"

PORTER BROS. CORPORATION
a corporation

By R. P. Porter
President

ATTEST:

(SEAL)

D. L. Skidmore
Secretary

PARTY OF THE SECOND PART -- "LESSEE"

STATE OF IDAHO)
(SS.
COUNTY OF VALLEY)

On this 21 day of June, in the year 1951, before me, the Undersigned Notary Public in and for said County and State, personally appeared PAUL KIMBALL, an unmarried man, A. W. KIMBALL and MINDA KIMBALL, husband and wife, ROBERT L. WILSON, sometimes known as Robt. L. Wilson, and ELLEN M. WILSON, Husband and Wife, and GRACE ELEANOR CANTRALL, an unmarried woman, sometimes known as Grace Cantrall, known to me to be the persons whose names are subscribed to the within and foregoing instrument, and who acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

J. C. Lefever (SEAL)

Notary Public for Idaho
Residence: Cascade, Valley
County, Idaho,
My Commission expires: 5-1-52

STATE OF IDAHO)
(SS.
COUNTY OF VALLEY)

On this 21 day of June, in the year 1951, before me, the Undersigned Notary Public in and for said County and State, personally appeared ROBERT L. WILSON, known to me to be the person whose name is subscribed to the within instrument as Attorney in Fact of ROBENTA WILSON, and acknowledged to me that he subscribed the name of FRANCES ROBENTA WILSON thereto as principal, and his own name as Attorney-in-fact.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

J. C. Lefever (SEAL)

Notary Public for Idaho
Residence: Cascade, Valley
County, Idaho
My Commission expires: 5-1-52

STATE OF IDAHO)
(SS.
COUNTY OF IDAHO)

On this 21st day of June, in the year 1951, before me, the undersigned Notary Public in and for said County and State, personally appeared HARMON KIMBALL and VELMA KIMBALL, Husband and Wife, known to me to be two of the persons whose names are subscribed to the within and foregoing instrument, and who acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

(SEAL)

William J. Bee

Notary Public for Idaho
Residence: Grangeville, Idaho
My Commission expires: 8/17/54

STATE OF IDAHO)
(SS.
COUNTY OF ADA)

On this 13th day of June, in the year 1951, before me, D. O. Wilcox, a Notary Public in and for said County and State, personally appeared ROBERT R. JOHNSON, sometimes known as BOB JOHNSON, and ALVIRA A. JOHNSON, Husband and Wife, known to me to be two of the persons whose names are subscribed to the within and foregoing instrument, and who acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

(SEAL)

D. O. Wilcox
Notary Public for Idaho
Residence: Boise, Idaho
My Commission expires: 6-3-52

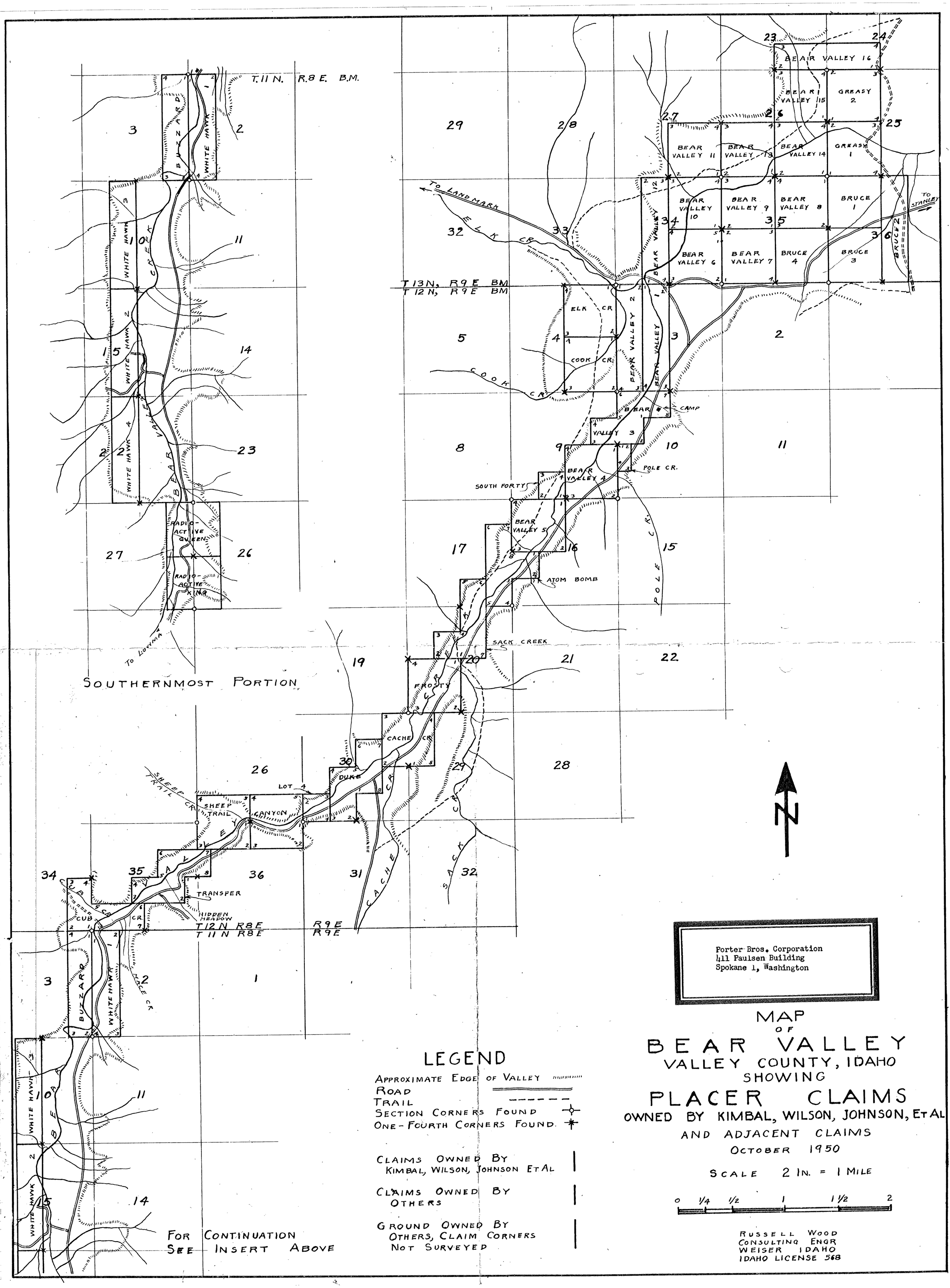
STATE OF WASHINGTON)
(SS.
COUNTY OF SPOKANE)

On this 22nd day of June, in the year 1951, before me, L. G. Musser, a Notary Public in and for said County and State, personally appeared R. P. PORTER and D. L. SKIDMORE, known to me to be the President and Secretary, respectively, of PORTER BROS. CORPORATION, the corporation that executed the within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

(SEAL)

L. G. Musser
Notary Public for Washington
Residence: Spokane, Spokane County, Washington
My Commission expires: Mar. 26, 1954


T.11 N. R.8 E. B.M.
BUZZARD
WHITE HAWK
BEAR VALLEY
RADIO-ACTIVE QUEEN
RADIO-ACTIVE KING
TO LOWMAN
SOUTHERNMOST PORTION
TO LANDMARK
ELK CR
T 13N, R9E BM
T 12N, R9E BM
COOK CR
BEAR VALLEY 16
BEAR VALLEY 15
GREASY 2
BEAR VALLEY 11
BEAR VALLEY 13
BEAR VALLEY 14
GREASY 1
BEAR VALLEY 10
BEAR VALLEY 9
BEAR VALLEY 8
BRUCE 1
BEAR VALLEY 6
BEAR VALLEY 7
BRUCE 4
BRUCE 3
BRUCE 2
TO STANLEY
CAMP
POLE CR.
SOUTH FORTY
BEAR VALLEY 4
BEAR VALLEY 5
ATOM BOMB
SACK CREEK
FROSTY
CACHE CR
DUKE
LOT 4
SHEEP TRAIL CR
SHEEP TRAIL CANYON
TRANSFER
HIDDEN MEADOW
CUB CR
T12N R8E
T11N R8E
R9E
R9E
MACE CR
FOR CONTINUATION SEE INSERT ABOVE
LEGEND
APPROXIMATE EDGE OF VALLEY
ROAD
TRAIL
SECTION CORNERS FOUND
ONE-FOURTH CORNERS FOUND
CLAIMS OWNED BY KIMBAL, WILSON, JOHNSON ET AL
CLAIMS OWNED BY OTHERS
GROUND OWNED BY OTHERS, CLAIM CORNERS NOT SURVEYED
Porter Bros. Corporation
411 Paulsen Building
Spokane 1, Washington
MAP OF BEAR VALLEY
VALLEY COUNTY, IDAHO
SHOWING
PLACER CLAIMS
OWNED BY KIMBAL, WILSON, JOHNSON, ET AL
AND ADJACENT CLAIMS
OCTOBER 1950
SCALE 2 IN. = 1 MILE
0 1/4 1/2 1 1 1/2 2
RUSSELL WOOD
CONSULTING ENGR
WEISER IDAHO
IDAHO LICENSE 568