DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2863

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

EXPLORATION ASSISTANCE

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

CYS TO USBM, USGS.1 cy retained in Rg. II

To:	Ernest Wm. Ellis Room 4640 Code 700	Date	1/29/53
To:	Oper Comm	Date	2-18-53
To:	Oper Com	Date	2-27-53
To:	M & Z	Date	7/28/53
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:

Docker
F. Kuyper
E. J. Carlson
Ferrell
Hedges
S. Savage
Ellis

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

JUL 27 1953

Mr. Alex C. Pattimore
Daily, Pearson & Pattimore
5209 Farrar Street
Seattle 8, Washington

Re: Docket No. [illegible]-2063 (Monazite)
Inkow Flats and Inkow Extension
Group of Placer Claims
Boise County, Idaho

Dear Mr. Pattimore:

Reference is made to your application for Government aid on the proposed capital project estimated to cost $1,500.00.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding material of acceptable grade and in quantities that will significantly improve the mineral supply position for the national defense program.

A careful study of your application and data available to this Agency and an examination of the property concerned reveal that the probability of disclosing minable ore reserves by your proposed exploration program is not believed to be sufficiently promising to justify Government participation. Under these circumstances, we regret to advise that your application for exploration aid is denied.

Your interest in the exploration program of the Defense Minerals Exploration Administration and your willingness to participate therein are appreciated.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FLKnouse/db
7-23-53
cc to: Adm. Reading File
Operating Committee
Docket
Messrs: E.J.Carlson, Rm. 3649
D.M.Larrabee, Rm. G-232, GSA
Ellis
Knouse
DMEA Field Team, Region II (2)

R. C. S.
7-27-53

7/13/52 gla

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

1201 N. Division St.
Spokane 2, Washington
July 3, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Subject: Docket No. DMEA 2863 (monazite)
Lakes Flats Placer
Alex C. Pattimore
Boise County, Idaho

Dear Mr. Selfridge:

Enclosed are the original and three copies of a memorandum report by Frank C. Armstrong, U. S. Geological Survey, and Stephen W. Zoldok, U. S. Bureau of Mines, describing their recent examination of the subject property.

The examining team recommends denial of the application as their sampling and panning indicate that the gravels do not contain monazite in commercial amounts. The Field Team concurs with their recommendations.

By Field Team, Region II

A. L. Weissenborn, Exec. Officer
U. S. Geological Survey

Thomas S. Howard, Acting Member
U. S. Bureau of Mines

Enclosure

Reviewed by
DMEA OPERATING COMMITTEE
7-10-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
1201 E. Division St.
Spokane 2, Washington

June 25, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: Frank C. Armstrong, Geologist, U. S. Geological Survey
Stephen W. Boldok, Mining Engineer, U. S. Bureau of Mines

Subject: Preliminary field examination of Lakow Flats and Lakow Extension Group of Placer Claims, Boise County, Idaho
Docket No. DMEA 2803 (monazite)

INTRODUCTION

This report describes a preliminary field inspection of the Lakow Flats and Lakow Extension Group of Placer Claims, Boise County, Idaho. The examination was made on June 8, 1953, by Stephen W. Boldok, U. S. Bureau of Mines, and Frank C. Armstrong, U. S. Geological Survey. The examining team was accompanied by Mr. Gus Pearson, Idaho City, Idaho, and Mr. Alex C. Pattimore, 5209 Farrar Street, Seattle 8, Wash., applicants. Six hours was spent on the property.

RECOMMENDATIONS

It is recommended that the application for aid in the exploration of the Lakow Flats Placers and Lakow Extension group of placer claims be denied.

PROPERTY AND LOCATION

The Lakow Flats placer claims consist of the Lakow Flats Placers Nos. 1 to 9, inclusive, and the Lakow Extension Nos. 1 to 5, inclusive, claims. The claims are located in Secs. 17, 18, and 19, T. 6 N., R. 6 E., B.M. and Sec. 24, T. 6 N., R. 5 E., B.M., Grassburns Mining District, Boise County, Idaho. The property boundary starts one mile northeast of Idaho City, Idaho, and covers the drainage up Bear Run Creek for a distance of 2.35 miles.

The topography is of gentle relief and covered by sparse growth of pine. The climate is semi-arid. The drainage basin of Bear Creek is very small, consequently, water is available only during the spring run-off.

Reviewed by
DMEA OPERATING COMMITTEE
7-10-53
(date)

HISTORY AND PRODUCTION

The Lakow Flats Placers Nos. 1 to 9, inclusive, are old claims. The Lakow Extension Nos. 1 to 5, inclusive, have just recently been staked. The claims have had no production of gold or monazite. The area around Idaho City, Idaho has had a very large placer gold production in past years.

PHYSICAL DESCRIPTION OF DEPOSIT

The placer deposit is of local origin and represents hillside wash within a small drainage basin. The gravel consists entirely of a highly decomposed granite with the largest percentage passing 1/4 inch.

The lower end of the deposit, covered by the Lakow Extension claims, is 1.65 miles long and seldom exceeds a few yards in width. This section of the placer would naturally have a concentration of heavy sands. Panning in this section indicated a moderately heavy concentration of black sands (mostly ilmenite) with only a trace of very fine-grained monazite. The pan concentrates showed no radioactivity.

The upper end of the deposit, covered by the original Lakow Flats Placers, is 0.70 miles in length and attains a maximum width of about 100 yards. The gravels are estimated to attain a maximum thickness of 25-30 feet in this area. The gravels were tested by panning in the lower, central, and upper areas of the deposit. The largest concentration of black sands was obtained in the lower or downstream side of the deposit. A 16-inch gold pan (17 lbs. gravel) returned about 1/2 teaspoonful of black sands of which about 5 percent was a very fine-grained monazite. This indicates a monazite content of about 15/100 pounds per cubic yard. Near the northern end of the claims the gravel is shallow for bedrock crops out in several places.

SAMPLING

Two bulk samples of 36 pounds each were taken in the lower and central areas of the original Lakow Flats Placer area. These samples were concentrated in the Boise, Idaho laboratory of the Special Minerals Section of the U. S. Bureau of Mines. The sample from the lower area contains 0.07 pounds and the sample from the central area contains 0.09 pounds of monazite sand per cubic yard of gravel.

PROPOSAL

The applicant proposed to test the gravels by means of a churn drill mounted on a four wheel drive truck.

COMPETENCE OF APPLICANT

Mr. Gus Pearson, one of the partners in the venture, has had some experience as a churn driller. Mr. Alex C. Pattimore of Seattle,

Washington, is a promoter and would have no difficulty in raising the necessary funds for exploration.

CONCLUSION

The Lakow Flats Placer Claims and Lakow Flats Extension group of claims are known to contain minor concentrations of monazite sands. The local origin and periodic reworking of the gravels preclude the occurrence of a monazite deposit of sufficient yardage and grade to be economically important. Abandoned sluiceboxes indicate sporadic and unsuccessful attempts to work these placers for gold.

Frank C. Armstrong

Stephen W. Zoldok

CC: Orig. & 3 Wash.
USGS - 2
M/D
DMEA
FOA
SWA

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

JULY 24, 1953

SUMMARY OF PROPOSED PROJECT

Docket No. DMEA-2863
Applicant: Daily, Pearson & Pattimore
5209 Farrar Street
Seattle 8, Washington
Subject: Denial of Application

Commodity: Monazite
Location of property: Lakow Flats Placer Region II
Boise County, Idaho

Amount of Application: $1,500.00
Date of application: January 14, 1953

Outline of project: The applicant proposed to test the gravels by means of a churn drill mounted on a four-wheel drive truck.

Field Team Report: Dated June 25, 1953
by Frank C. Armstrong, Geologist, USGS
Stephen W. Zoldok, Mining Engineer, USBM
dated June 25, 1953.

Field Team, Region II, transmittal letter dated July 3, 1953.

Recommendations: Examining team recommends denial of the application as their sampling and panning indicate that the gravels do not contain monazite in commercial amounts, in which the Field Team concurs.

Commodity Members comments:

Bureau of Mines: E. J. Carlson surnamed denial letter in lieu of comments.

Geological Survey: Arthur P. Butler, Jr., dated July 16, 1953. Concurs in Field Team's recommendation that application be denied.

Rare & Misc. Metals Division Engineer: F. L. Knouse

Comments: Denial letter prepared on basis of above recommendations.

F. L. Knouse

F. L. Knouse
For: Ernest Wm. Ellis, Chief
Rare & Misc. Metals Division

STANDARD FORM NO. 64

7/22/53 file

Office Memorandum • UNITED STATES GOVERNMENT

TO : E. Wm. Ellis, DMEA Member
Uranium Commodity Committee

DATE: July 16, 1953

FROM : Arthur P. Butler, Jr., USGS Member
Uranium Commodity Committee

SUBJECT: Field Team report, DMEA Docket 2863, (monazite); Gus Fearson, Idaho City, Idaho, and Alex C. Pattimore, Seattle, Wash., applicants; Lakow Flats and Lakow Extension Group of placer claims, Secs. 17, 18, and 19, T. 6N., R. 6E., and Sec. 24, T. 6N, R. 5E, Boise County, Idaho.

Review and Comment

The field team report concerning exploration on the property identified above has been reviewed.

As a result of an examination, the geologist and engineer members of the field team found that the local origin and periodic reworking of the gravels on these claims precludes the occurrence of a monazite deposit of sufficient yardage and grade to be economically important. They recommend that the application for exploration assistance be denied.

Recommendations

I concur in the recommendation of the Field Team that Government assistance for exploration be denied.

Arthur P. Butler, Jr.

Copy to E. Wm. Ellis (2)

IN REPLY REFER TO:

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

July 16, 1953

E. Wm. Ellis, DMEA Member
Uranium Commodity Committee
Arthur P. Butler, Jr., USGS Member
Uranium Commodity Committee
Field Team report, DMEA Docket 28[illegible], (monazite); Gus Fearson, Idaho City, Idaho, and Alex C. Pattimore, Seattle, Wash., applicants; Lakow Flats and Lakow Extension Group of placer claims, Secs. 17, 18, and 19, T. 6N., R. 6E., and Sec. 24, T. 6N, R. 5E, Boise County, Idaho.

Review and Comment

The field team report concerning exploration on the property identified above has been reviewed.

As a result of an examination, the geologist and engineer members of the field team found that the local origin and periodic reworking of the gravels on these claims precludes the occurrence of a monazite deposit of sufficient yardage and grade to be economically important. They recommend that the application for exploration assistance be denied.

Recommendations

I concur in the recommendation of the Field Team that Government assistance for exploration be denied.

Copy to E. Wm. Ellis (2)

IN REPLY REFER TO:

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

July 16, 1953

E. Wm. Ellis, DMEA Member
Uranium Commodity Committee
Arthur P. Butler, Jr., USGS Member
Uranium Commodity Committee
Field Team report, DMEA Docket 2863, (monazite); Gus Fearson, Idaho City, Idaho, and Alex C. Pattimore, Seattle, Wash., applicants; Lakow Flats and Lakow Extension Group of placer claims, Secs. 17, 18, and 19, T. 6N., R. 6E., and Sec. 24, T. 6N, R. 5E, Boise County, Idaho.

Review and Comment

The field team report concerning exploration on the property identified above has been reviewed.

As a result of an examination, the geologist and engineer members of the field team found that the local origin and periodic reworking of the gravels on these claims precludes the occurrence of a monazite deposit of sufficient yardage and grade to be economically important. They recommend that the application for exploration assistance be denied.

Recommendations

I concur in the recommendation of the Field Team that Government assistance for exploration be denied.

Copy to E. Wm. Ellis (2)

7-8-53 fa

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

1201 N. Divison St.
Spokane 2, Washington
July 3, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Subject: Docket No. DMEA 2863 (monazite)
Lakow Flats Placer
Alex C. Pattimore
Boise County, Idaho

Dear Mr. Selfridge:

Enclosed are the original and three copies of a memorandum report by Frank C. Armstrong, U. S. Geological Survey, and Stephen W. Zoldok, U. S. Bureau of Mines, describing their recent examination of the subject property.

The examining team recommends denial of the application as their sampling and panning indicate that the gravels do not contain monazite in commercial amounts. The Field Team concurs with their recommendations.

By Field Team, Region II

A E Weissenborn
A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Thomas E Howard
Thomas E. Howard, Acting Member
U. S. Bureau of Mines

Enclosure

Reviewed by
DMEA OPERATING COMMITTEE
7-10-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 N. Division St.
Spokane 2, Washington

RCS 7/27/53

June 25, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: Frank C. Armstrong, Geologist, U. S. Geological Survey
Stephen W. Zoldok, Mining Engineer, U. S. Bureau of Mines

Subject: Preliminary field examination of Lakow Flats and Lakow Extension Group of Placer Claims, Boise County, Idaho Docket No. DMEA 2863 (monazite)

INTRODUCTION

This report describes a preliminary field inspection of the Lakow Flats and Lakow Extension Group of Placer Claims, Boise County, Idaho. The examination was made on June 8, 1953, by Stephen W. Zoldok, U. S. Bureau of Mines, and Frank C. Armstrong, U. S. Geological Survey. The examining team was accompanied by Mr. Gus Pearson, Idaho City, Idaho, and Mr. Alex C. Pattimore, 5209 Farrar Street, Seattle 8, Wash., applicants. Six hours was spent on the property.

RECOMMENDATIONS

It is recommended that the application for aid in the exploration of the Lakow Flats Placers and Lakow Extension group of placer claims be denied.

PROPERTY AND LOCATION

The Lakow Flats placer claims consist of the Lakow Flats Placers Nos. 1 to 9, inclusive, and the Lakow Extension Nos. 1 to 5, inclusive, claims. The claims are located in Secs. 17, 18, and 19, T. 6 N., R. 6 E., B.M. and Sec. 24, T. 6 N., R. 5 E., B.M., Grambinus Mining District, Boise County, Idaho. The property boundary starts one mile northeast of Idaho City, Idaho, and covers the drainage up Bear Run Creek for a distance of 2.35 miles.

The topography is of gentle relief and covered by sparse growth of pine. The climate is semi-arid. The drainage basin of Bear Creek is very small, consequently, water is available only during the spring run-off.

Reviewed by
DMEA OPERATING COMMITTEE
7-10-53
(date)

HISTORY AND PRODUCTION

The Lakow Flats Placers Nos. 1 to 9, inclusive, are old claims. The Lakow Extension Nos. 1 to 5, inclusive, have just recently been staked. The claims have had no production of gold or monazite. The area around Idaho City, Idaho has had a very large placer gold production in past years.

PHYSICAL DESCRIPTION OF DEPOSIT

The placer deposit is of local origin and represents hillside wash within a small drainage basin. The gravel consists entirely of a highly decomposed granite with the largest percentage passing 1/4 inch.

The lower end of the deposit, covered by the Lakow Extension claims, is 1.65 miles long and seldom exceeds a few yards in width. This section of the placer would naturally have a concentration of heavy sands. Panning in this section indicated a moderately heavy concentration of black sands (mostly ilmenite) with only a trace of very fine-grained monazite. The pan concentrates showed no radioactivity.

The upper end of the deposit, covered by the original Lakow Flats Placers, is 0.70 miles in length and attains a maximum width of about 100 yards. The gravels are estimated to attain a maximum thickness of 25-30 feet in this area. The gravels were tested by panning in the lower, central, and upper areas of the deposit. The largest concentration of black sands was obtained in the lower or downstream side of the deposit. A 16-inch gold pan (17 lbs. gravel) returned about 1/2 teaspoonful of black sands of which about 5 percent was a very fine-grained monazite. This indicates a monazite content of about 15/100 pounds per cubic yard. Near the northern end of the claims the gravel is shallow for bedrock crops out in several places.

SAMPLING

Two bulk samples of 38 pounds each were taken in the lower and central areas of the original Lakow Flats Placer area. These samples were concentrated in the Boise, Idaho laboratory of the Special Minerals Section of the U. S. Bureau of Mines. The sample from the lower area contains 0.07 pounds and the sample from the central area contains 0.09 pounds of monazite sand per cubic yard of gravel.

PROPOSAL

The applicant proposed to test the gravels by means of a churn drill mounted on a four wheel drive truck.

COMPETENCE OF APPLICANT

Mr. Gus Pearson, one of the partners in the venture, has had some experience as a churn driller. Mr. Alex C. Pattimore of Seattle,

Washington, is a promoter and would have no difficulty in raising the necessary funds for exploration.

CONCLUSION

The Lakow Flats Placer Claims and Lakow Flats Extension group of claims are known to contain minor concentrations of monazite sands. The local origin and periodic reworking of the gravels preclude the occurrence of a monazite deposit of sufficient yardage and grade to be economically important. Abandoned sluiceboxes indicate sporadic and unsuccessful attempts to work these placers for gold.

Frank C. Armstrong

Stephen W. Zoldok

CC: Orig. & 3 Wash.
USGS - 2
M/D
DMEA
FCA
SWZ

5/26/53 gla.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

May 7, 1953

Air Mail

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 12 1953

Mr. Alex C. Pattimore
5209 Farrar Street
Seattle 6, Washington

Re: Docket No. [illegible]A-2863 (Monazite)
Lakow Flats and Lakow Extension
Group of Placer Claims
Boise County, Idaho

Dear Mr. Pattimore:

Acknowledgement is made of your letter of May 4, 1953, and your telephone call today regarding possible examination of your property in Boise County, Idaho.

Both Mr. Weissenborn, Administrative Officer, and Mr. Armstrong, who is familiar with the monazite deposits, are now in the field. Mr. Weissenborn will return for a few days next week, but Mr. Armstrong won't be in the office again until May 25.

Mr. Armstrong discussed your application with Mr. Weissenborn before he left the office, and he indicated that the earliest date he could schedule an examination would be the week of June 8.

I am sorry this is a later date than you had hoped for, but with the advent of good weather, we are making examinations as rapidly as possible.

Yours very truly,

Harold Kirkemo
for A. [illegible]. Weissenborn
Executive Officer, [illegible]A
Field Team, Region II

cc: [illegible]A(2)
[illegible](2)
Armstrong

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

So. 157 Howard Street
Spokane 4, Washington

May 7, 1953

Air Mail

Mr. Alex C. Pattimore
5209 Farrar Street
Seattle 8, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 12 1953

Re: Docket No. DMA-2063 (Monazite)
Lakow Flats and Lakow Extension
Group of Placer Claims
Boise County, Idaho

Dear Mr. Pattimore:

Acknowledgement is made of your letter of May 4, 1953, and your telephone call today regarding possible examination of your property in Boise County, Idaho.

Both Mr. Weissenborn, Administrative Officer, and Mr. Armstrong, who is familiar with the monazite deposits, are now in the field. Mr. Weissenborn will return for a few days next week, but Mr. Armstrong won't be in the office again until May 25.

Mr. Armstrong discussed your application with Mr. Weissenborn before he left the office, and he indicated that the earliest date he could schedule an examination would be the week of June 8.

I am sorry this is a later date than you had hoped for, but with the advent of good weather, we are making examinations as rapidly as possible.

Yours very truly,

Harold Kirkemo
for A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: DMEA(2)
WSEN(2)
Armstrong

3-4-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
No. 157 Howard Street
Spokane 4, Washington

February 26, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 1953

Mr. Alex C. Pattinson
5209 Tarwar Street
Seattle 6, Washington

Re: Docket DMEA-2663 (Monazite)
Lainow Flats and Lainow Extension
Group of Placer Claims
Boise County, Idaho

Dear Mr. Pattinson:

We are in receipt of a copy of Mr. Rittenhouse's letter to you dated February 19 concerning the above captioned property, and your letter of February 24.

Our geologist will contact Messrs. Daily and Pearson before he makes the examination. Would you please inform us when snow conditions will permit an examination of the property?

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: Dewey Daily, Idaho City, Idaho
Gus Pearson, Idaho City, Idaho

USBM (2)
DMEA (2) ✓
Armstrong

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
~~[illegible]~~
So. 157 Howard Street
Spokane 4, Washington

February 25, 1953

Mr. Alex C. Pattinore
520, Ferrar Street
Seattle 8, Washington

Re: Contract DMEA-306; (Manganese)
Lakow Flats and Lakow Extension
Group of Placer Claims
Boise County, Idaho

Dear Mr. Pattinore:

We are in receipt of a copy of Mr. Mittenstorf's letter to you dated February 1, concerning the above captioned property, and your letter of February 24.

Our geologist will contact Messrs. Daily and Pearson before he makes the examination. Would you please inform us when snow conditions will permit an examination of the property?

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: Lewis Daily, Idaho City, Idaho
Gus Pearson, Idaho City, Idaho

USBM (2)
DMEA (2) ✓
Armstrong

700

FILE COPY
SURNAME:

F. L. Knouse
Ellis
Hedges
Lem Sur

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

Mr. Alex C. Pattimore
5209 Farrar Street
Seattle 8, Washington

FEB 19 1953

BW.

Re: Docket No. DMEA-2863 (Monazite)
Lakow Flats and Lakow Extension
Group of Placer Claims
Boise County, Idaho

J.C. 2/19/53

Dear Mr. Pattimore:

The application for assistance in exploring your property in Boise County, Idaho, under the above-captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. Your application has been referred for a field examination to the Executive Officer of Region II at the following address:

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

The Regional Office will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

GLAult/FLKnouse/gla
2-17-53
cc to: Adm. Reading File
Docket
DMEA Field Team, Region II (2)
Mr. Ellis
Mr. Knouse

700 FILE COPY
SURNAME:

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

FLKnouse
Ellis
Lemmon
Selfridge

Mr. A. L. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

FEB 19 1953

Re: Docket No. DMEA-2863 (Monazite)
Daily, Pearson & Pattimore
Lakow Flats and Lakow Extension
Group of Placer Claims
Boise County, Idaho

J.C. 2/14/53

Dear Mr. Weissenborn:

The captioned application is referred to your office for a field examination.

Copies of memoranda from Mr. J. J. Norton, dated February 6, 1953, and Mr. E. J. Carlson, dated February 2, 1953, outlining questions to be covered in the reports of the examining engineers, are enclosed.

If your office recommends either the proposed program submitted by the Applicant, or an alternate one approved by the Applicant, kindly furnish us with the detailed information required to draft a contract. This information should include any property controlled by the Applicant that will benefit from a recommended exploration program, also the required copies signed by the property owners of Form NF-203 "Owner's Consent to Lien" covering any property to be included in the contract that is not owned by the Applicant for which these forms have not been submitted. Signed "Owner's Consent to Lien" forms were supplied for Lakow Flats Placer Claims Nos. 1, 2, 3, 4, 5, 6, 7, 8 and 9.

We note in your letter of January 16, 1953, transmitting this application to this office, that you retained one copy of the application.

FLKnouse/gla 2-17-53
cc to: Adm. Reading File
Operating Committee
Docket ✓
Messrs. J.J.Norton, Rm. G-232 GSA
E.J.Carlson, Rm. 1347
Ellis Knouse
Enclosures 2

Sincerely yours,

George C. Selfridge (JHS)
Chairman, Operating Committee
DMEA Field Team, Region II

APPROVED:

J. H. Hedges (JHS)
Member, Bureau of Mines

S. M. Lemmon (JHS)
Member, Geological Survey

2/10/53 gla

IN REPLY REFER TO:

G-MD-CNM

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

February 6, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 9 1953

Memorandum

REVIEW OF APPLICATION DMEA-2863 (Monazite)

To: Ernest Wm. Ellis, Defense Minerals Exploration Administration
From: J. J. Norton, U. S. Geological Survey
Applicant: Daily, Pearson and Pattimore (Ltd. partnership), Seattle, Washington.
Name of property: Lakow Flats Placers.
Location of property: Boise County, Idaho. Applicant shows location on topographic map.
Estimated cost of project: $1,500.
Summary of applicant's proposal: Test drilling.
Sources of information on applicant's property: None.
Comments: See DMEA-2690.
RECOMMENDATION:
Field examination in accordance with letters dated October 29, 1952, and January 16, 1953, from the Field Team Region II to the Operating Committee.

J. J. Norton

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 29 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2763
Metal or Mineral
Date Received 1/29/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Daily, Pearson & Pattimore, 5209 Farrar St., Seattle (8) Wash.
Limited partnership, State of Idaho
Dewey Daily; Gus Pearson----Idaho City, Idaho
Alex C. Pattimore, 5209 Farrar St., Seattle (8) Wash.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized. See above

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. X

(*d*) If a partnership, add to the above statement the names and addresses of all partners. See above

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Placer claims No's. 1,2,3,4,5,6,7,8,9 Lakow Flats Placers, and Lakow Extension; claims No's. 1,2,3,4,5 located in Gambrinus Mining District, township 6 N., Range 5 E.B.M. and township 6 N., Range 6 E.B.M., Boise County, Idaho.

(*b*) State any mine name by which the property is known. Lakow Flats Placers

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owners of Lakow Extension; claims 1 to 5. Lessees Lakow Flats Placers claims 1 to 9.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Copy of Lease; Lakow Flats Placers enclosed herewith.

(*e*) If you own the land, describe any liens or encumbrances on it None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Book and page number listed page 1, supplement attached.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See supplement

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. See supplement

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See supplement and area map enclosed.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See supplement

5. *The exploration project.*—(a) State the mineral or minerals for which you wish to explore Monazite and other rare earth values.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 30 days and be completed within 2 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See supplement

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. See supplement

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See supplement

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. See supplement

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. None

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. See supplement

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes

(*b*) How do you propose to furnish your share of the costs?

[X] Money [X] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper. See supplement

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated January 14th, 1953

DAILY, PEARSON & PATTIMORE
(Applicant)

By Alex C. Pattimore Partner
for himself and as attorney in fact
for Dewey Daily and Gus Pearson

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.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

SUPPLIMENT TO FORM MF-103
Submitted by
Daily, Pearson & Pattimore
5209 Farrar St., Seattle 8, Wash.

3. Applicant's property rights:
Book and page numbers of recorded location notices:

Lakow	Flats	Placer	Claim	No.	1	Book	12	page	193
"	"	"	"	"	2	"	12	"	194
"	"	"	"	"	3	"	12	"	195
"	"	"	"	"	4	"	12	"	196
"	"	"	"	"	5	"	12	"	197
"	"	"	"	"	6	"	12	"	198
"	"	"	"	"	7	"	12	"	620
"	"	"	"	"	8	"	12	"	621
"	"	"	"	"	9	"	13	"	91
Lakow	Flats	Extension					13	"	258
"	"	"	"	"	1	"	13	"	259
"	"	"	"	"	2	"	13	"	260
"	"	"	"	"	3	"	13	"	261
"	"	"	"	"	4	"	13	"	262
"	"	"	"	"	5	"	13	"	263

Recorded in office of County Auditor, Boise County, Idaho

4. Physical description:
   (a) Fifteen contiguous placer claims (See sketch enclosed)
   (b) Operated as placer gold mines (not dredged) years ago. Applicants had no interest. Reportedly yielded the usual gold values of the Idaho City Pay Streak District.
   (c) Enclosed sketch sets forth, in a general way, the geological features of the property as determined by a number of pit-tests made by Mr. Chas. M. Lovenstein according to copy of letter enclosed which is self explanatory and supports applicant's belief that the area contains Monazite and reason for wishing to explore.
   (d) Property is adjacent to Idaho City, Idaho, about 38 miles distant from Boise, on a paved highway open the year around, easy access to all claims.
   (e) Manpower, materials, supplies, equipment available, perennial creek (water) on the land. Electric power available, not required for exploration.

5. The exploration project:
   (a) Monazite and other rare earth values.
   (b) It is proposed to drill tests to bedrock, the number contingent upon monazite values indicated as drill-tests progress. Would be guided by recommendation and advice of Government engineers as to location and number of tests if such recommendation and advice is available.
   (d) Mr. Gus Pearson, an experienced dredge operator and test-driller will have general supervision of the drilling operations, assisted by Mr. Dewey Daily an experienced drill operator and placer miner, both residents of Idaho City. Alex C. Pattimore will have charge of accounting; purchasing; employment and relevant transactions of the exploration project.

SUPPLIMENT TO FORM MF-103

6. Estimate of costs:

It is estimated that cost of drilling would not exceed $2.50 per foot. The average depth to bedrock appears to be 24 feet, each test drilled would cost approximately sixty dollars. The number of tests would be determined by monazite values indicated as drilling progressed. The purpose being to ascertain, specifically, the monazite values, there would be a minimum of expense for analytical work, engineering and consultants.

(c) Operating materials and supplies:
Included in estimate of $2.50 per foot to drill.

(d) Operating equipment:
Test drill mounted on Truck, powered by gasoline motor; water pump, powered by gasoline motor, furnished by applicants. Estimated rental value of $2.00 per hour when operating (i.e. when actually drilling).

(e) Rehabilitation and repairs:
Operating equipment, owned by applicants to be used in the operation, now in good repair. Estimated cost of $2.50 per foot provides for upkeep and maintenance of equipment.

(f) None

(g) Miscellaneous:
Contingent upon number of tests made and time envolved.
Aside from analytical work which may be required by DMEA all other items are considered in the estimate of cost per foot to drill.

7. (a) Sec. 7, DMEA No. 1:

Applicants will pay their share of costs of the exploration project in cash. There being approximately three hundred acres in the subject placer claims, it is believed that a minimum of fifteen tests should be made, and further tests, or exploration, determined by conclusion arrived at jointly by applicants and the department's field engineers. In other words--applicants have no desire to explore for something that is not there. On the other hand--if preliminary and progressive tests prove monazite values in appreciable quantity we would wish to explore the entire area, or so much of it as geological formation indicated as probable monazite bearing ground and worth the effort and expense to test.
As a proposal upon which to base this application for an exploration loan we suggest that one test be drilled on each of the fifteen claims, at an estimated overall expenditure not to exceed fifteen hundred dollars, with the privilege of applying for an additional sum in event monazite values indicated warrants further exploration of applicants holdings.

total cost

Daily, Pearson & Pattimore

By Alex C. Pattimore

Alex C. Pattimore, partner
5209 Farrar St.
Seattle 8, Washington

(N.B.) Copy of sketch and letter referred to in item 4 (c) attached to original MF 103.

DAILY, PEARSON & PATTIMORE
5209 Farrar St.
Seattle (8) Wash.

SUBMITTED WITH REFERENCE TO ITEM 4-c MF-103

General geologic features of Lakow Flats Placers, as indicated by pit-testing conducted in 1941 according to information furnished by Mr. Chas. M. Lovenstein and Mr. Dewey Daily.

3' to 5'

Ordinary soil mixed with sand debris

6' to 8'

Granite sand containing black sand and some gold values

3' to 4'

Strata of gravel containing black sand and some gold values

2' to 3'

Strata of blue clay intermixed with black sand quartz gravel and some gold values

5' to 8'

Typical pay-gravel of the Idaho City mining district. Bedrock consists of disintegrated soft granite and can be cleaned 6" below bedrock surface.

NOT REQUIRED TO BE RETURNED

(C O P Y)

Seattle, Wash.
June 20, 1952

T. V. Arnreiter and
Alex C. Pattimore
931 Republic Bldg.
Seattle, Wash.

DAILY, PEARSON & PATTIMORE
5209 Farrar St.
Seattle (8) Wash.

Reference to geology sketch attached. and Item 4-c MF-103

Dear Sirs:

Upon your request I will attempt to give you a summary of a test report RE: the Lakow Placers in the Gambrinus mining district, comprising approximately five miles of Bear Run creek.

This test-pitting was conducted by me with the assistance of the owner Mr. Dewey Daily an experienced placer man and sampler, and was done during the month of June, 1941. These pits were dug by hand and material was panned from grass-roots to bed-rock, and in the following I will try to give you a fair average of seven test holes from my field notes.

There is hardly a necessity to describe the result of each and every one of the seven pits, since the various strata differs little in values, and only differed in depth of over-burden, the bed-rock material being quite uniform in values; nature of material and depth.

Generally speaking; the lower, down creek shafts, ran heavier in over-burden, from twelve to twenty feet, of which the top three feet was ordinary soil mixed with granite sand debris, the next six feet was heavy in granite sand containing considerable black sand and ran colors with every pan. In each test hole we encountered a strata of two to three feet of blue clay, and quartz gravel increased with depth. Considerable values of gold and black sand was encountered in the blue clay strata, I might add here that this blue clay material is intermixed with quartz sand and readily dissolves in water by panning.

Below this blue clay lay a strata of five to eight feet of typical pay-gravel, which yielded the uniform values of the glacier type placers of the Idaho City pay streak District, which, according to record, runs into several hundred millions of Dollars.

This strata was tested by careful panning to contain up to five dollars per yard to bed-rock, no boulders larger than ten inches were encountered. Bed-rock consists of disintegrated soft granite, can readily be cleaned six inches below bed-rock surface, which incidentally, yields heavy values.

All of the above material runs heavy with black monazite sand, which at the time was entirely ignored in calculating values, but now, is worth twenty cents per pound at a plant in Boise. It is estimated, by subsequent tests, that approximately two pounds of this sand is contained in one cubic yard. Monazite; thorium; helium; radium; garnets, etc., are contained in the sand and are used in the Atomic industry.

I have been in almost daily contact with this placer ground since the time this test was conducted, as my engress road, to an operation I conducted, led over this ground, and only because my own operation was stopped by government edict after 1942, I ceased any further attempt to operate my property or undertake the operation of this placer.

I hope that this gives you preliminary assurance upon which you may base your contemplated drilling tests. I might mention here that our calculations and professional tests conducted prove an average of seventy-five cents per yard from grass-roots to bedrock taking fully into consideration the barren strata. This whole picture of course changes now with the values placed on Monazite sand which is readily saleable in Boise. All calculations were based on thirty-five dollars per ounce (troy) which price is expected to advance in the near future.

I may say in conclusion; that after closing down my own operation, I hold no interest whatsoever in the Lakow Placer.

Enclosed is a sketch of test pit No. 3 which is indicative of the entire test operation, being in the center of the claims which embodies some five miles of Bear Run Creek.

It might be well for you to check with Mr. Dewey Daily of Idaho City, whom I referred to above, for confirmation of essential facts, as he was present at all times during our testing operations and no doubt kept some records and notes of his own.

Very truly yours,

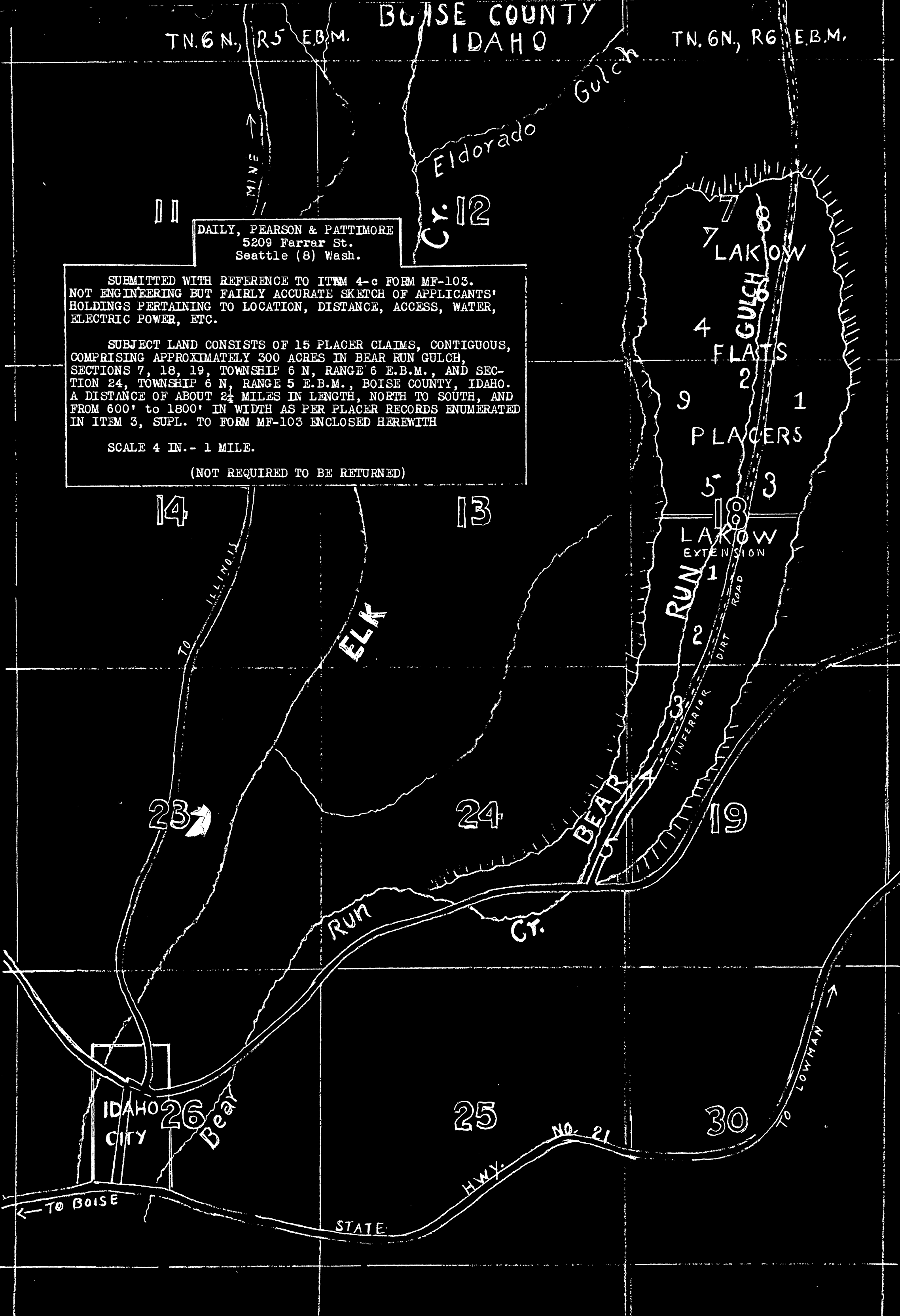
Chas. M. Lovenstein

INDORSEMENT:

The above statements with reference to my participation in pit testing, findings and conclusions, are correct in essential facts to the best of my knowledge and belief.

Dewey Daily

(COPY-ORIGINAL ON FILE)


BOISE COUNTY
IDAHO
TN. 6 N., R5 E.B.M.
TN. 6N., R6 E.B.M.
Eldorado Gulch
MINE
Cr. 12
DAILY, PEARSON & PATTIMORE
5209 Farrar St.
Seattle (8) Wash.
SUBMITTED WITH REFERENCE TO ITEM 4-c FORM MF-103. NOT ENGINEERING BUT FAIRLY ACCURATE SKETCH OF APPLICANTS' HOLDINGS PERTAINING TO LOCATION, DISTANCE, ACCESS, WATER, ELECTRIC POWER, ETC.
SUBJECT LAND CONSISTS OF 15 PLACER CLAIMS, CONTIGUOUS, COMPRISING APPROXIMATELY 300 ACRES IN BEAR RUN GULCH, SECTIONS 7, 18, 19, TOWNSHIP 6 N, RANGE 6 E.B.M., AND SECTION 24, TOWNSHIP 6 N, RANGE 5 E.B.M., BOISE COUNTY, IDAHO. A DISTANCE OF ABOUT 2¼ MILES IN LENGTH, NORTH TO SOUTH, AND FROM 600' to 1800' IN WIDTH AS PER PLACER RECORDS ENUMERATED IN ITEM 3, SUPL. TO FORM MF-103 ENCLOSED HEREWITH
SCALE 4 IN.- 1 MILE.
(NOT REQUIRED TO BE RETURNED)
LAKOW GULCH FLATS PLACERS
LAKOW EXTENSION
BEAR RUN
DIRT ROAD
KINFERRIOR
TO ILLINOIS
ELK
Run
Cr.
IDAHO CITY
Bear
TO BOISE
STATE HWY. NO. 21
TO LOWMAN
14
13
23
24
19
18
26
25
30

COPY--Recorded as instrument No. 59191, Book of Leases at page 63
Records of Boise County, Idaho.

MINING LEASE

THIS INDENTURE, made the 12th day of December, 1952, by and between Frank Shelton and Josephine Shelton, husband and wife, and Dewey Daily, a single man, hereinafter called Lessors, parties of the first part, and Daily, Pearson & Pattimore, a partnership, hereinafter called Lessees, parties of the second part.

W I T N E S S E T H

WHEREAS, parties of the first part are owners of certain Placer Mining Claims situated in the County of Boise, State of Idaho, described as follows:

Placer Claims numbers 1,2,3,4,5,6,7,8,9 located in what is known as LAKOW FLATS PLACERS in the GAMBRINUS MINING DISTRICT in Boise County, State of Idaho, as recorded in the office of the County Recorder os said County of Boise, State of Idaho.

And are the owners of certain water-rights, hereditaments and appurtenances situated upon and adjacent to, or used, in connection with the mining of aforesaid Placer Mining Claims.

NOW THEREFORE, in consideration of the royalties hereinafter reserved and the covenants and agreements hereof to be kept and performed, observed and fulfilled, by the respective parties, it is covenanted and agreed as follows. VIZ:

(1) Lessees agree to pay to Lessors, as royalty, ten per-cent (10%) of all gold /and or/ other rare-earth values recovered. Payment to be made in lawful money of the United States, or, at the option of Lessors to pay said royalty in Gold. Said royalty to be paid as above described until the total sum of thirty-five thousand dollars has been paid. And upon payment of said sum /or amount/ Lessors agree to convey to Lessors, by good and sufficient deed, title to said described Placer Claims free and clear of any and all incumbrance of any nature whatsoever.

(2) Lessees agree to enter upon the Mining Claims /or premises/ above described and to work the same mine fashion and in manner consistent with good and economical mining practice. To allow Lessors /and or/ their agents to enter upon said property for the purpose of inspection; to give notice to Lessors of Lessees intention to have a clean-up of gold values not less than twenty-four hours before cleaning up the gold, or concentrates, resulting from Lessees operation of said Placer Mining Claims; to permit Lessors /or their agents/ to be present at each and every clean-up.

(3) It is further agreed that Lessees shall commence test-drilling operations on or befor the 30th day of June, 1953.

(4) It is agreed that Lessees shall have no right whatsoever to the timber; stone or grazing rights on said Placer Mining Claims, excepting the right to use such timber as may be necessary, or convenient, to carrying on and conducting mining operations.

(5) Lessees shall make available to Lessors all of their engineering data concerning said Mining Claims; results of test drilling and all prospective data. Lessees agree to seasonably and promptly pay all labor and materials bills incurred in their mining operations, and to keep said Placer Claims free and clear of any and all kinds of liens on a ccount thereof.

(6) Lessees shall perform upon said Placer Mining Claims all assessment work if there be any required under the mining laws of the United States; the State of Idaho or rules of the Mining District, subsequent to, and after, June 30th, 1953, and will either file proof thereof, or furnish proof thereof to Lessors timely of said work having been performed. Lessors covenant that all assessment work required to be performed prior to June 30th, 1953 has been performed, or will be performed prior to that date. Lessees books and records shall be open for inspection by Lessors at all times.

(7) Upon termination of this lease for any cause, or reason, whatsoever Lessees shall have the right to remove from said premises all personal property purchased by, or brought on to said premises, by Lessees.

(8) Lessees may, at any time, upon written notice to Lessors, terminate this Lease by forfeiting to Lessors all payments herein or on account of hereof made, and Lessees liabilities s hall not exceed the amount of royalty actually owing to Lessors at the time of termination.

(9) In event Lessees fail to pay royalty as above provided, or to perform any of the covenants, or agreements, herein contained on their part to be performed, Lessors shall have the option of terminating this Lease by giving written notice to Lessees of the non-payment of royalty, or default complained of, and if said non-payment of royalty, or default complained of, is not paid or remedied within thirty days after said written notice then Lessors may terminate this Lease and it shall become null and void.

(10) Upon termination of this Lease Lessees agree to deliver up possession of the aforesaid Placer Mining Claims, and Lessors may enter upon said premises and dispossess all persons occupying the same with or without force and with or without process of law.

(11) All words and phrases herein contained shall be construed as having the meaning, import and intent, of those in general use, and practice, in the Mining industry.

(12) This Lease shall be binding upon, and inure to the benefit of the heirs; executors; administrators a nd a ssigns of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed these presents the day and year first above written.

PARTIES OF THE FIRST PART:

Dewey Daily
Dewey Daily

Frank Shelton
Frank Shelton

Josephine Shelton
Josephine Shelton

By Dewey Daily
Dewey Daily attorney in fact.

PARTIES OF THE SECOND PART:

DAILY, PEARSON & PATTIMORE

Dewey Daily
Dewey Daily

Gus Pearson
Gus Pearson

Alex C. Pattimore
Alex C. Pattimore

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane, Washington

January 16, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JAN 2 0 1952

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Dear Mr. Selfridge:

Attached are the original and two copies of an application submitted by Daily, Pearson & Pattimore, Seattle, Washington, for the exploration of the Lakow Flats Placers in Boise County, Idaho. This replaces an application submitted previously under Docket No. DMEA-2690, which may, therefore, be considered as withdrawn. The reason for this is that there has been a change in the partnership, and the acreage on which exploration will be done has been increased.

One copy of the application is being retained here, and we will review it in the near future.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure
cc: USBM(2)
Armstrong

P.S. Since writing this letter, we have received a copy of a letter from you to Armreiter and Pattimore denying their original application. To avoid misunderstanding, we are writing Pattimore that the denial referred to the old application, not the new one. Since the area to be explored has been enlarged, I presume another examination will be required.

A.E.W.

Se[illegible]tle, Wash.
Jan. 14, 1953

Department of the Interior
Defense Minerals Exploration Adm.
So. 157 Howard St.
Spokane (8) Wash.

(Attention of Mr. A. E. Weissenborn--PLEASE

Dear Sirs:

Enclosed please find application for exploration assistance under Defense Production Act of 1950, as amended. Reference is made to DMEA-2690 and conversation with the writer in your office last September. As stated at that time Mr. Arnreiter was no longer associated with the project, that it was intended to encrease the acerage and make new application.

Endeavor has been made to comply with all requirements and furnish as complete information as possible in order to expedite action on our application. As indicated in supplement to Form MF-103 the overall cost of the proposed exploration would be entirely contingent on how far the Government, as well as ourselves, wished to go.

We have suitable drilling equipment, drill is mounted on motor truck, can readily be moved from place to place; portable water-pump powered by gasoline motor. Mr. Daily and Mr. Pearson are experienced in drilling operations and both are familiar with subject ground. Their knowledge coupled with advice of your engineers (if available) should assure no lost motion, wasted effort or unnecessary expense.

It is suggested that fifteen drill tests be made, then, as and if, these tests indicate presence of Monazite, in sufficient quantity, more tests be made to determine the probable Monazite content of the entire subject land. A maximum of $1,500.00, we believe, will be ample for making these 15 preliminary tests and furnish definite information upon which to base application for additional financial assistance to continue exploration. It will also aid in determining the kind of equipment best suited to recover the Monazite in the particular area and terrain.

The writer understands that an engineer from your department, in conversation with Mr. Daily and Mr. Pearson, made suggestion as to manner of making preliminary exploration. We will welcome and act upon recommendation of the departments' engineers.

Thanking you in anticipation of action upon our application with reasonable expediency in order that we may anticipate and be prepared to commence operation as soon as weather conditions permit, we are,

Very truly yours.

ACP/m

DAILY, PEARSON & PATTIMORE

By Alex C. Pattimore

Alex C. Pattimore
5209 Farrar St.
Seattle (8) Wash.

2/3/53 gem

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

February 2, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 3 1953

Memorandum

To: G. C. Selfridge, Chairman
Operating Committee, DMEA

From: E. J. Carlson, Commodity-Industry Analyst
Rare and Precious Metals Branch

Subject: DMEA Docket #2863 - Lakow Flats Placers and Lakow Extension, Boise County, Idaho.

The above docket has been reviewed. The information contained therein differs little from that which accompanied DMEA Docket #2690. This includes the letter of Charles M. Lovenstein in which he writes of black monazite, helium, and radium in the placer deposit. I strongly doubt that such materials exist in Lakow Flat Placers.

As of my memorandum of January 8, 1953, addressed to Mr. E. W. Ellis and regarding DMEA - 2690, I still recommend that the applicant should furnish evidence that monazite is contained in the gravels in a quantity that may be considered minable, and that the lack of water for possible subsequent mining be taken into consideration before any kind of a loan be granted.

E. J. Carlson

E. J. Carlson

Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane, Washington

January 16, 1952

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JAN 2 0 1952

Dear Mr. Selfridge:

Attached are the original and two copies of an application submitted by Daily, Pearson & Pattimore, Seattle, Washington, for the exploration of the Lakow Flats Placers in Boise County, Idaho. This replaces an application submitted previously under Docket No. DMEA-2690, which may, therefore, be considered as withdrawn. The reason for this is that there has been a change in the partnership, and the acreage on which exploration will be done has been increased.

One copy of the application is being retained here, and we will review it in the near future.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure
cc: USBM(2)
Armstrong

P.S. Since writing this letter, we have received a copy of a letter from you to Arnreiter and Pattimore denying their original application. To avoid misunderstanding, we are writing Pattimore that the denial referred to the old application, not the new one. Since the area to be explored has been enlarged, I presume another examination will be required.

A.E.W.

Seattle, Wash.
Jan. 14, 1953

Department of the Interior
Defense Minerals Exploration Adm.
So. 157 Howard St.
Spokane (8) Wash.

(Attention of Mr. A. E. Weissenborn--PLEASE

Dear Sirs:

Enclosed please find application for exploration assistance under Defense Production Act of 1950, as amended. Reference is made to DMEA-2690 and conversation with the writer in your office last September. As stated at that time Mr. Arnreiter was no longer associated with the project, that it was intended to encrease the acerage and make new application.

Endeavor has been made to comply with all requirements and furnish as complete information as possible in order to expedite action on our application. As indicated in supplement to Form MF-103 the overall cost of the proposed exploration would be entirely contingent on how far the Government, as well as ourselves, wished to go.

We have suitable drilling equipment, drill is mounted on motor truck, can readily be moved from place to place; portable water-pump powered by gasoline motor. Mr. Daily and Mr. Pearson are experienced in drilling operations and both are familiar with subject ground. Their knowledge coupled with advice of your engineers (if available) should assure no lost motion, wasted effort or unnecessary expense.

It is suggested that fifteen drill tests be made, then, as and if, these tests indicate presence of Monazite, in sufficient quantity, more tests be made to determine the probable Monazite content of the entire subject land. A maximum of $1,500.00, we believe, will be ample for making these 15 preliminary tests and furnish definite information upon which to base application for additional financial assistance to continue exploration. It will also aid in determining the kind of equipment best suited to recover the Monazite in the particular area and terrain.

The writer understands that an engineer from your department, in conversation with Mr. Daily and Mr. Pearson, made suggestion as to manner of making preliminary exploration. We will welcome and act upon recommendation of the departments' engineers.

Thanking you in anticipation of action upon our application with reasonable expediency in order that we may anticipate and be prepared to commence operation as soon as weather conditions permit, we are,

Very truly yours.

ACP/m

DAILY, PEARSON & PATTIMORE

By Alex C. Pattimore

Alex C. Pattimore
5209 Farrar St.
Seattle (8) Wash.

-103
April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 29 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-1863
Metal or Mineral
Date Received 1/29/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Daily, Pearson & Pattimore, 5209 Farrar St., Seattle (8) Wash.
Limited partnership, State of Idaho.
Dewey Daily; Gus Pearson----Idaho City, Idaho
Alex C. Pattimore, 5209 Farrar St., Seattle (8) Wash.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized. See above

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. X

(*d*) If a partnership, add to the above statement the names and addresses of all partners. See above

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Placer claims No's. 1,2,3,4,5,6,7,8,9 Lakow Flats Placers, and Lakow Extension; claims No's. 1,2,3,4,5 located in Gambrinus Mining District, township 6 N., Range 5 E.B.M. and township 6 N., Range 6 E.B.M., Boise County, Idaho.

(*b*) State any mine name by which the property is known. Lakow Flats Placers.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owners of Lakow Extension; claims 1 to 5. Lessees Lakow Flats Placers claims 1 to 9.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Copy of Lease Lakow Flats Placers enclosed herewith.

(*e*) If you own the land, describe any liens or encumbrances on it None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Book and page number listed page 1, supplement attached.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See supplement

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. See supplement

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See supplement and area map enclosed.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See supplement

16—66551-1

5. *The exploration project.*—(a) State the mineral or minerals for which you wish to explore Monazite and other rare earth values.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 30 days and be completed within 2 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See supplement

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. See supplement

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See Supplement

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. See supplement

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. See supplement

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. None

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. See supplement

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes

(*b*) How do you propose to furnish your share of the costs?

[X] Money [X] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper. See supplement

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated January 14th, 1953

DAILY, PEARSON & PATTIMORE
(Applicant)

By Alex C. Pattimore Partner
for himself and as attorney in fact
for Dewey Daily and Gus Pearson

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.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

SUPPLEMENT TO FORM MF-103
Submitted by
Daily, Pearson & Mattimore
5209 Farrar St., Seattle 8, Wash.

3. Applicant's property rights:
Book and page numbers of recorded location notices:

Lakow Flats Placer Claim No.					1	Book	12	page	193
"	"	"	"	"	2	"	12	"	194
"	"	"	"	"	3	"	12	"	195
"	"	"	"	"	4	"	12	"	196
"	"	"	"	"	5	"	12	"	197
"	"	"	"	"	6	"	12	"	198
"	"	"	"	"	7	"	12	"	620
"	"	"	"	"	8	"	12	"	621
"	"	"	"	"	9	"	13	"	91
Lakow Flats Extension							13	"	258
"	"	"	"	"	1	"	13	"	259
"	"	"	"	"	2	"	13	"	260
"	"	"	"	"	3	"	13	"	261
"	"	"	"	"	4	"	13	"	262
"	"	"	"	"	5	"	13	"	263

Recorded in office of County Auditor, Boise County, Idaho

4. Physical description:
   (a) Fifteen contiguous placer claims (see sketch enclosed)
   (b) Operated as placer gold mines (not dredged) years ago. Applicants had no interest. Reportedly yielded the usual gold values of the Idaho City Pay Streak District.
   (c) Enclosed sketch sets forth, in a general way, the geological features of the property as determined by a number of pit-tests made by Mr. Chas. M. Lovenstein according to copy of letter enclosed which is self explanatory and supports applicant's belief that the area contains Monazite and reason for wishing to explore.
   (d) Property is adjacent to Idaho City, Idaho, about 38 miles distant from Boise, on a paved highway open the year around, easy access to all claims.
   (e) Manpower, materials, supplies, equipment available, perennial creek (water) on the land. Electric power available, not required for exploration.

5. The exploration project:
   (a) Monazite and other rare earth values.
   (b) It is proposed to drill tests to bedrock, the number contingent upon monazite values indicated as drill-tests progress. Would be guided by recommendation and advice of Government engineers as to location and number of tests if such recommendation and advice is available.
   (d) Mr. Gus Pearson, an experienced dredge operator and test-driller will have general supervision of the drilling operations, assisted by Mr. Dewey Daily an experienced drill operator and placer miner, both residents of Idaho City. Alex C. Mattimore will have charge of accounting; purchasing; employment and relevant transactions of the exploration project.

SUPPLEMENT TO FORM MF-103

6. Estimate of costs:
It is estimated that cost of drilling would not exceed $2.50 per foot. The average depth to bedrock appears to be 24 feet, each test drilled would cost approximately sixty dollars. The number of tests would be determined by monazite values indicated as drilling progressed. The purpose being to ascertain, specifically, the monazite values, there would be a minimum of expense for analytical work, engineering and consultants.

(c) Operating materials and supplies:
Included in estimate of $2.50 per foot to drill.

(d) Operating equipment:
Test drill mounted on Truck, powered by gasoline motor; water pump, powered by gasoline motor, furnished by applicants. Estimated rental value of $2.00 per hour when operating (i.e. when actually drilling).

(e) Rehabilitation and repairs:
Operating equipment, owned by applicants to be used in the operation, now in good repair. Estimated cost of $2.50 per foot provides for upkeep and maintenance of equipment.

(f) None

(g) Miscellaneous:
Contingent upon number of tests made and time envolved.
Aside from analytical work which may be required by DMEA all other items are considered in the estimate of cost per foot to drill.

7. (a) Sec. 7, DMEA No. 1:
Applicants will pay their share of costs of the exploration project in cash. There being approximately three hundred acres in the subject placer claims, it is believed that a minimum of fifteen tests should be made, and further tests, or exploration, determined by conclusion arrived at jointly by applicants and the department's field engineers. In other words--applicants have no desire to explore for something that is not there. On the other hand--if preliminary and progressive tests prove monazite values in appreciable quantity we would wish to explore the entire area, or so much of it as geological formation indicated as probable monazite bearing ground and worth the effort and expense to test.
As a proposal upon which to base this application for an exploration loan we suggest that one test be drilled on each of the fifteen claims, at an estimated overall expenditure not to exceed fifteen hundred dollars, with the privilege of applying for an additional sum in event monazite values indicated warrants further exploration of applicants holdings.

Daily, Pearson & Pattimore

By Alex C. Pattimore

Alex C. Pattimore, partner
5209 Farrar St.
Seattle 8, Washington

(N.B.) Copy of sketch and letter referred to in item 4 (c) attached to original MF 103.

DAILY, PEARSON & PATTIMORE
5209 Farrar St.
Seattle (8) Wash.

SUBMITTED WITH REFERENCE TO ITEM 4-c MF-103

General geologic features of Lakow Flats Placers, as indicated by pit-testing conducted in 1941 according to information furnished by Mr. Chas. M. Lovenstein and Mr. Dewey Daily.

3' to 5'

Ordinary soil mixed with sand debris

6' to 8'

Granite sand containing black sand and some gold values

3' to 4'

Strata of gravel containing black sand and some gold values

2' to 3"

Strata of blue clay intermixed with black sand quartz gravel and some gold values

5' to 8'

Typical pay-gravel of the Idaho City mining district. Bedrock consists of disintegrated soft granite and can be cleaned 6" below bedrock surface.

NOT REQUIRED TO BE RETURNED

(C O P Y)

Seattle, Wash.
June 20, 1952

T. V. Arnreiter and
Alex C. Pattimore
931 Republic Bldg.
Seattle, Wash.

DAILY, PEARSON & PATTIMORE
5209 Farrar St.
Seattle (8) Wash.

Reference to geology sketch
attached. and Item 4-c MF-103

Dear Sirs:

Upon your request I will attempt to give you a summary of a test report RE: the Lakow Placers in the Gambrinus mining district, comprising approximately five miles of Bear Run creek.

This test-pitting was conducted by me with the assistance of the owner Mr. Dewey Daily an experienced placer man and sampler, and was done during the month of June, 1941. These pits were dug by hand and material was panned from grass-roots to bed-rock, and in the following I will try to give you a fair average of seven test holes from my field notes.

There is hardly a necessity to describe the result of each and every one of the seven pits, since the various strata differs little in values, and only differed in depth of over-burden, the bed-rock material being quite uniform in values; nature of material and depth.

Generally speaking; the lower, down creek shafts, ran heavier in over-burden, from twelve to twenty feet, of which the top three feet was ordinary soil mixed with granite sand debris, the next six feet was heavy in granite sand containing considerable black sand and ran colors with every pan. In each test hole we encountered a strata of two to three feet of blue clay, and quartz gravel increased with depth. Considerable values of gold and black sand was encountered in the blue clay strata, I might add here that this blue clay material is intermixed with quartz sand and readily dissolves in water by panning.

Below this blue clay lay a strata of five to eight feet of typical pay-gravel, which yielded the uniform values of the glacier type placers of the Idaho City pay streak District, which, according to record, runs into several hundred millions of Dollars.

This strata was tested by careful panning to contain up to five dollars per yard to bed-rock, no boulders larger than ten inches were encountered. Bed-rock consists of disintegrated soft granite, can readily be cleaned six inches below bed-rock surface, which incidentally, yields heavy values.

All of the above material runs heavy with black monazite sand, which at the time was entirely ignored in calculating values, but now, is worth twenty cents per pound at a plant in Boise. It is estimated, by subsequent tests, that approximately two pounds of this sand is contained in one cubic yard. Monazite; thorium; helium; radium; garnets, etc., are contained in the sand and are used in the Atomic industry.

I have been in almost daily contact with this placer ground since the time this test was conducted, as my engress road, to an operation I conducted, led over this ground, and only because my own operation was stopped by government edict after 1942, I ceased any further attempt to operate my property or undertake the operation of this placer.

I hope that this gives you preliminary assurance upon which you may base your contemplated drilling tests. I might mention here that our calculations and professional tests conducted prove an average of seventy-five cents per yard from grass-roots to bedrock taking fully into consideration the barren strata. This whole picture of course changes now with the values placed on Monazite sand which is readily saleable in Boise. All calculations were based on thirty-five dollars per ounce (troy) which price is expected to advance in the near future.

I may say in conclusion; that after closing down my own operation, I hold no interest whatsoever in the Lakow Placer.

Enclosed is a sketch of test pit No. 3 which is indicative of the entire test operation, being in the center of the claims which embodies some five miles of Bear Run Creek.

It might be well for you to check with Mr. Dewey Daily of Idaho City, whom I referred to above, for confirmation of essential facts, as he was present at all times during our testing operations and no doubt kept some records and notes of his own.

Very truly yours,

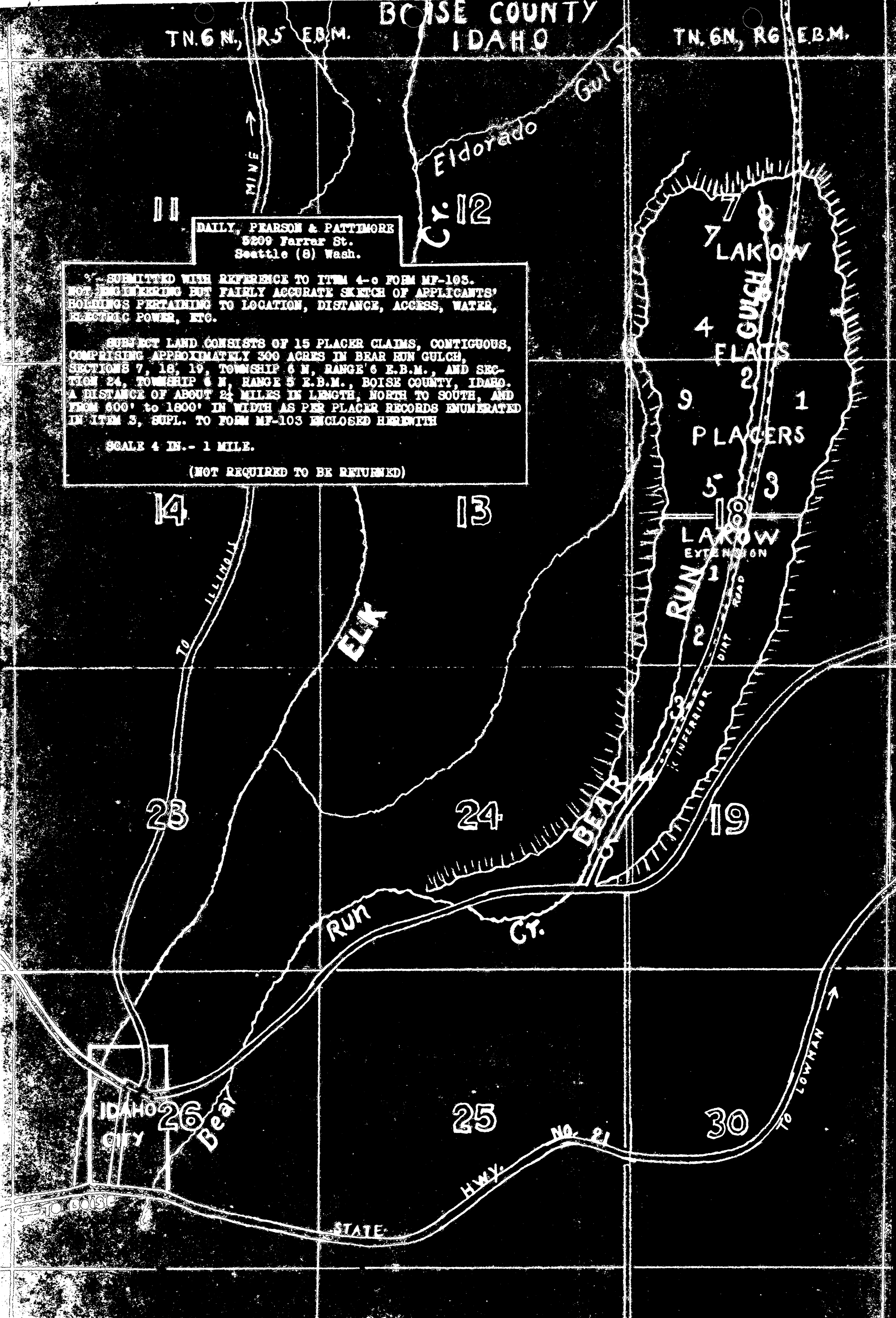
Chas. M. Lovenstein

INDORSEMENT:

The above statements with reference to my participation in pit testing, findings and conclusions, are correct in essential facts to the best of my knowledge and belief.

Dewey Daily

(COPY-ORIGINAL ON FILE)


BOISE COUNTY
IDAHO
T.N. 6 N., R. 5 E.B.M.
T.N. 6 N., R. 6 E.B.M.
MINE
Eldorado Gulch
Cr. 12
DAILY, PEARSON & PATTEMORE
5209 Farrar St.
Seattle (8) Wash.
SUBMITTED WITH REFERENCE TO ITEM 4-c FORM MF-103.
NOT ENGINEERING BUT FAIRLY ACCURATE SKETCH OF APPLICANTS' HOLDINGS PERTAINING TO LOCATION, DISTANCE, ACCESS, WATER, ELECTRIC POWER, ETC.
SUBJECT LAND CONSISTS OF 15 PLACER CLAIMS, CONTIGUOUS, COMPRISING APPROXIMATELY 300 ACRES IN BEAR RUN GULCH, SECTIONS 7, 18, 19, TOWNSHIP 6 N, RANGE 6 E.B.M., AND SECTION 24, TOWNSHIP 6 N, RANGE 5 E.B.M., BOISE COUNTY, IDAHO. A DISTANCE OF ABOUT 2¼ MILES IN LENGTH, NORTH TO SOUTH, AND FROM 600' to 1800' IN WIDTH AS PER PLACER RECORDS ENUMERATED IN ITEM 3, SUPL. TO FORM MF-103 ENCLOSED HEREWITH
SCALE 4 IN.- 1 MILE.
(NOT REQUIRED TO BE RETURNED)
LAKOW GULCH
FLATS
PLACERS
LAKOW EXTENSION
BEAR RUN
DIRT ROAD
INFERIOR
TO ILLINOIS
ELK
RUN
CR.
IDAHO CITY
Bear
TO BOISE
STATE HWY. No. 21
TO LOWMAN
7
8
4
2
9
1
5
3
18
1
2
3
14
13
23
24
19
26
25
30

COPY--Recorded as instrument No. 59191, Book 4 of Leases at page 63
Records of Boise County, Idaho.

MINING LEASE

THIS INDENTURE, made the 12th day of December, 1952, by and between Frank Shelton and Josephine Shelton, husband and wife, and Dewey Daily, a single man, hereinafter called Lessors, parties of the first part, and Daily, Pedreon & Baltimore, a partnership, hereinafter called Lessees, parties of the second part.

W I T N E S S E T H

WHEREAS, parties of the first part are owners of certain Placer Mining Claims situated in the County of Boise, State of Idaho, described as follows:

Placer Claims numbers 1,2,3,4,5,6,7,8,9 located in what is known as LAKOW PLATS PLACERS in the GARDEN CITY MINING DISTRICT in Boise County, State of Idaho, as recorded in the office of the County Recorder of said County of Boise, State of Idaho.

And are the owners of certain water-rights, hereditaments and appurtenances situated upon and adjacent to, or used, in connection with the mining of aforesaid Placer Mining Claims.

NOW THEREFORE, in consideration of the royalties hereinafter reserved and the covenants and agreements hereof to be kept and performed, observed and fulfilled, by the respective parties, it is covenanted and agreed as follows, VIZ:

(1) Lessees agree to pay to Lessors, as royalty, ten per-cent (10%) of all gold /and or/ other rare-earth values recovered. Payment to be made in lawful money of the United States, or, at the option of Lessors to pay said royalty in Gold. Said royalty to be paid as above described until the total sum of thirty-five thousand dollars has been paid. And upon payment of said sum /or amount/ Lessors agree to convey to Lessors, by good and sufficient deed, title to said described Placer Claims free and clear of any and all incumbrance of any nature whatsoever.

(2) Lessees agree to enter upon the Mining Claims /or premises/ above described and to work the same mine fashion and in manner consistent with good and economical mining practice. To allow Lessors /and or/ their agents to enter upon said property for the purpose of inspection; to give notice to Lessors of Lessees intention to have a clean-up of gold values not less than twenty-four hours before cleaning up the gold, or concentrates, resulting from Lessees operation of said Placer Mining Claims; to permit Lessors /or their agents/ to be present at each and every clean-up.

(3) It is further agreed that Lessees shall commence test-drilling operations on or before the 30th day of June, 1953.

(4) It is agreed that Lessees shall have no right whatsoever to the timber, stone or grazing rights on said Placer Mining Claims, excepting the right to use such timber as may be necessary, or convenient, to carrying on and conducting mining operations.

(5) Lessees shall make available to Lessors all of their engineering data concerning said Mining Claims; results of test drilling and all prospective data. Lessees agree to seasonably and promptly pay all labor and materials bills incurred in their mining operations, and to keep said Placer Claims free and clear of any and all kinds of liens on account thereof.

(6) Lessees shall perform upon said Placer Mining Claims all assessment work if there be any required under the mining laws of the United States; the State of Idaho or rules of the Mining District, subsequent to, and after, June 30th, 1956, and will either file proof thereof, or furnish proof thereof to Lessors timely of said work having been performed. Lessors covenant that all assessment work required to be performed prior to June 30th, 1956 has been performed, or will be performed prior to that date. Lessees books and records shall be open for inspection by Lessors at all times.

(7) Upon termination of this lease for any cause, or reason, whatsoever Lessees shall have the right to remove from said premises all personal property purchased by, or brought on to said premises, by Lessees.

(8) Lessees may, at any time, upon written notice to Lessors, terminate this Lease by forfeiting to Lessors all payments herein or on account of hereof made, and Lessees liabilities shall not exceed the amount of royalty actually owing to Lessors at the time of termination.

(9) In event Lessees fail to pay royalty as above provided, or to perform any of the covenants, or agreements, herein contained on their part to be performed, Lessors shall have the option of terminating this Lease by giving written notice to Lessees of the non-payment of royalty, or default complained of, and if said non-payment or royalty, or default complained of, is not paid or remedied within thirty days after said written notice then Lessors may terminate this Lease and it shall become null and void.

(10) Upon termination of this Lease Lessees agree to deliver up possession of the aforesaid Placer Mining Claims, and Lessors may enter upon said premises and dispossess all persons occupying the same with or without force and with or without process of law.

(11) All words and phrases herein contained shall be construed as having the meaning, import and intent, of those in general use, and practice, in the Mining industry.

(12) This Lease shall be binding upon, and inure to the benefit of the heirs; executors; administrators and assigns of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed these presents the day and year first above written.

PARTIES OF THE FIRST PART:

Dewey Daily

Frank Shelton

Josephine Shelton

By Dewey Daily
Dewey Daily attorney in fact.

PARTIES OF THE SECOND PART:

DAILY, PEARSON & BATTIMORE

Dewey Daily

Gus Pearson

Alex C. Battimore

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

January 27, 1953

Dmea 2863 BW

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

Mr. Alex Pattimore
Arnreiter & Pattimore
5209 Farrar Street
Seattle 8, Washington

Dear Mr. Pattimore:

This will acknowledge receipt of an application submitted by Daily, Pearson, and yourself for exploration of the Lakow Flats Placers in Boise County, Idaho. It has been submitted to Washington for their consideration.

Mr. Mittendorf's letter to you of January 15 has come to our attention. This concerned the denial of Docket No. DMEA-2690 for exploration of some of the same ground to be explored in your new application. This denial refers, of course, to the old application and not to the new one which has not yet been assigned a docket number.

Sincerely yours

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: DMEA
USBM (2)
Armstrong

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

January 29, 1952

Memorandum

To: Executive Officer, DMEA Field Team, Region II

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region II.

DMEA-2863 DAILY, PEARSON & PATTIMORE

ROBERT E. ADAMS

Robert E. Adams,
Chief, Operation's Control
and Statistics Division

33980

Mr. Alex C. Pattimore,
5209 Farrar Street,
Seattle 8, Washington.

January 29, 1953

Subject: DMEA-2863
Re: Exploration Assistance
Lakow Flats Placers

My dear Mr. Pattimore:

The receipt of your application dated January 14, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2863 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-2863 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS
Robert E. Adams, Chief
Operations Control and
Statistics Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane, Washington

January 16, 1952

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 0 1953

Dear Mr. Selfridge:

Attached are the original and two copies of an application submitted by Daily, Pearson & Pattimore, Seattle, Washington, for the exploration of the Lakow Flats Placers in Boise County, Idaho. This replaces an application submitted previously under Docket No. DMEA-2690, which may, therefore, be considered as withdrawn. The reason for this is that there has been a change in the partnership, and the acreage on which exploration will be done has been increased.

One copy of the application is being retained here, and we will review it in the near future.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure
cc: USBM(2)
Armstrong

P.S. Since writing this letter, we have received a copy of a letter from you to Arnreiter and Pattimore denying their original application. To avoid misunderstanding, we are writing Pattimore that the denial referred to the old application, not the new one. Since the area to be explored has been enlarged, I presume another examination will be required.

A.E.W.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

Defense Minerals Administration
RECEIVED
JAN 29 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DM Ea-2863
Metal or Mineral
Date Received 1/29/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Daily, Pearson & Pattimore, 5209 Farrar St., Seattle (8) Wash.
Limited partnership, State of Idaho.
Dewey Daily; Gus Pearson----Idaho City, Idaho
Alex C. Pattimore, 5209 Farrar St., Seattle (8) Wash.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized. See above

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. X

(*d*) If a partnership, add to the above statement the names and addresses of all partners. See above

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Placer claims No's. 1,2,3,4,5,6,7,8,9 Lakow Flats Placers, and Lakow Extension; claims No's. 1,2,3,4,5 located in Gambrinus Mining District, township 6 N., Range 5 E.B.M. and township 6 N., Range 6 E.B.M., Boise County, Idaho

(*b*) State any mine name by which the property is known. Lakow Flats Placers.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owners of Lakow Extension; claims 1 to 5. Lessees Lakow Flats Placers claims 1 to 9.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Copy of Lease; Lakow Flats Placers enclosed herewith.

(*e*) If you own the land, describe any liens or encumbrances on it None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Book and page number listed page 1, supplement attache d.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See supplement

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. See supplement

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See supplement and area map enclosed.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See supplement

5. *The exploration project.*—(*a*) S[illegible] the mineral or minerals for which you wis[illegible] explore Monazite and other rare earth values.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 30 days and be completed within 2 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See supplement

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. See supplement

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See supplement

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. See supplement

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. See supplement

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. See supplement

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes

(*b*) How do you propose to furnish your share of the costs?

[X] Money [X] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper. See supplement

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated January 14, 1953

DAILY, PEARSON & PATTIMORE
(Applicant)

By Alex C. Pattimore Partner
for himself and as attorney in fact
for Dewey Daily and Gus Pearson

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.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

SUPPLEMENT TO FORM MF-103
Submitted by
Daily, Pearson & Pattimore
5209 Farrar St., Seattle 8, Wash.

3. Applicant's property rights:
Book and page numbers of recorded location notices:

Lakow Flats Placer Claim No.					1	Book	12	page	193
"	"	"	"	"	2	"	12	"	194
"	"	"	"	"	3	"	12	"	195
"	"	"	"	"	4	"	12	"	196
"	"	"	"	"	5	"	12	"	197
"	"	"	"	"	6	"	12	"	198
"	"	"	"	"	7	"	12	"	620
"	"	"	"	"	8	"	12	"	621
"	"	"	"	"	9	"	13	"	91
Lakow Flats Extension							13	"	258
"	"	"	"	"	1	"	13	"	259
"	"	"	"	"	2	"	13	"	260
"	"	"	"	"	3	"	13	"	261
"	"	"	"	"	4	"	13	"	262
"	"	"	"	"	5	"	13	"	263

Recorded in office of County Auditor, Boise County, Idaho

4. Physical description:
   (a) Fifteen contiguous placer claims (See sketch enclosed)
   (b) Operated as placer gold mines (not dredged) years ago. Applicants had no interest. Reportedly yielded the usual gold values of the Idaho City Pay Streak District.
   (c) Enclosed sketch sets forth, in a general way, the geological features of the property as determined by a number of pit-tests made by Mr. Chas. M. Lovenstein according to copy of letter enclosed which is self explanatory and supports applicant's belief that the area contains Monazite and reason for wishing to explore.
   (d) Property is adjacent to Idaho City, Idaho, about 38 miles distant from Boise, on a paved highway open the year around, easy access to all claims.
   (e) Manpower, materials, supplies, equipment available, perennial creek (water) on the land. Electric power available, not required for exploration.

5. The exploration project:
   (a) Monazite and other rare earth values.
   (b) It is proposed to drill tests to bedrock, the number contingent upon monazite values indicated as drill-tests progress. Would be guided by recommendation and advice of Government engineers as to location and number of tests if such recommendation and advice is available.
   (d) Mr. Gus Pearson, an experienced dredge operator and test-driller will have general supervision of the drilling operations, assisted by Mr. Dewey Daily an experienced drill operator and placer miner, both residents of Idaho City. Alex C. Pattimore will have charge of accounting; purchasing; employment and relevant transactions of the exploration project.

SUPPLIMENT TO FORM MF-103

6. Estimate of costs:

It is estimated that cost of drilling would not exceed $2.50 per foot. The average depth to bedrock appears to be 24 feet, each test drilled would cost approximately sixty dollars. The number of tests would be determined by monazite values indicated as drilling progressed. The purpose being to ascertain, specifically, the monazite values, there would be a minimum of expense for analytical work, engineering and consultants.

(c) Operating materials and supplies:
Included in estimate of $2.50 per foot to drill.

(d) Operating equipment:
Test drill mounted on Truck, powered by gasoline motor; water pump, powered by gasoline motor, furnished by applicants. Estimated rental value of $2.00 per hour when operating (i.e. when actually drilling).

(e) Rehabilitation and repairs:
Operating equipment, owned by applicants to be used in the operation, now in good repair. Estimated cost of $2.50 per foot provides for upkeep and maintenance of equipment.

(f) None

(g) Miscellaneous:
Contingent upon number of tests made and time envolved.
Aside from analytical work which may be required by DMEA all other items are considered in the estimate of cost per foot to drill.

7. (a) Sec. 7, DMEA No. 1:

Applicants will pay their share of costs of the exploration project in cash. There being approximately three hundred acres in the subject placer claims, it is believed that a minimum of fifteen tests should be made, and further tests, or exploration, determined by conclusion arrived at jointly by applicants and the department's field engineers. In other words—applicants have no desire to explore for something that is not there. On the other hand--if preliminary and progressive tests prove monazite values in appreciable quantity we would wish to explore the entire area, or so much of it as geological formation indicated as probable monazite bearing ground and worth the effort and expense to test.
As a proposal upon which to base this application for an exploration loan we suggest that one test be drilled on each of the fifteen claims, at an estimated overall expenditure not to exceed fifteen hundred dollars, with the privilege of applying for an additional sum in event monazite values indicated warrants further exploration of applicants holdings.

Daily, Pearson & Pattimore

By Alex C. Pattimore

Alex C. Pattimore, partner
5209 Farrar St.
Seattle 8, Washington

(N.B.) Copy of sketch and letter referred to in item 4 (c) attached to original MF 103.

Seattle, Wash.
Jan. 14, 1953

Department of the Interior
Defense Minerals Exploration Adm.
So. 157 Howard St.
Spokane (8) Wash.

(Attention of Mr. A. E. Weissenborn--PLEASE

Dear Sirs:

Enclosed please find application for exploration assistance under Defense Production Act of 1950, as amended. Reference is made to DMEA-2690 and conversation with the writer in your office last September. As stated at that time Mr. Arnreiter was no longer associated with the project, that it was intended to encrease the acerage and make new application.

Endeavor has been made to comply with all requirements and furnish as complete information as possible in order to expedite action on our application. As indicated in supplement to Form MF-103 the overall cost of the proposed exploration would be entirely contingent on how far the Government, as well as ourselves, wished to go.

We have suitable drilling equipment, drill is mounted on motor truck, can readily be moved from place to place; portable water-pump powered by gasoline motor. Mr. Daily and Mr. Pearson are experienced in drilling operations and both are familiar with subject ground. Their knowledge coupled with advice of your engineers (if available) should assure no lost motion, wasted effort or unnecessary expense.

It is suggested that fifteen drill tests be made, then, as and if, these tests indicate presence of Monazite, in sufficient quantity, more tests be made to determine the probable Monazite content of the entire subject land. A maximum of $1,500.00, we believe, will be ample for making these 15 preliminary tests and furnish definite information upon which to base application for additional financial assistance to continue exploration. It will also aid in determining the kind of equipment best suited to recover the Monazite in the particular area and terrain.

The writer understands that an engineer from your department, in conversation with Mr. Daily and Mr. Pearson, made suggestion as to manner of making preliminary exploration. We will welcome and act upon recommendation of the departments' engineers.

Thanking you in anticipation of action upon our application with reasonable expediency in order that we may anticipate and be prepared to commence operation as soon as weather conditions permit, we are,

Very truly yours.

ACP/m

DAILY, PEARSON & PATTIMORE

By Alex C. Pattimore

Alex C. Pattimore
5209 Farrar St.
Seattle (8) Wash.

DAILY, PEARSON & PATTIMORE
5209 Farrar St.
Seattle (8) Wash.

SUBMITTED WITH REFERENCE TO ITEM 4-c MF-103

General geologic features of Lakow Flats Placers, as indicated by pit-testing conducted in 1941 according to information furnished by Mr. Chas. M. Lovenstein and Mr. Dewey Daily.

3' to 5'

Ordinary soil mixed with sand debris

6' to 8'

Granite sand containing black sand and some gold values

3' to 4'

Strata of gravel containing black sand and some gold values

2' to 3"

Strata of blue clay intermixed with black sand quartz gravel and some gold values

5' to 8'

Typical pay-gravel of the Idaho City mining district. Bedrock consists of disintegrated soft granite and can be cleaned 6" below bedrock surface.

NOT REQUIRED TO BE RETURNED

(C O P Y)

Seattle, Wash.
June 20, 1952

T. V. Arnreiter and
Alex C. Pattimore
931 Republic Bldg.
Seattle, Wash.

DAILY, PEARSON & PATTIMORE
5209 Farrar St.
Seattle (8) Wash.

Reference to geology sketch attached. and Item 4-c MF-103

Dear Sirs:

Upon your request I will attempt to give you a summary of a test report RE: the Lakow Placers in the Gambrinus mining district, comprising approximately five miles of Bear Run creek.

This test-pitting was conducted by me with the assistance of the owner Mr. Dewey Daily an experienced placer man and sampler, and was done during the month of June, 1941. These pits were dug by hand and material was panned from grass-roots to bed-rock, and in the following I will try to give you a fair average of seven test holes from my field notes.

There is hardly a necessity to describe the result of each and every one of the seven pits, since the various strata differs little in values, and only differed in depth of over-burden, the bed-rock material being quite uniform in values; nature of material and depth.

Generally speaking; the lower, down creek shafts, ran heavier in over-burden, from twelve to twenty feet, of which the top three feet was ordinary soil mixed with granite sand debris, the next six feet was heavy in granite sand containing considerable black sand and ran colors with every pan. In each test hole we encountered a strata of two to three feet of blue clay, and quartz gravel increased with depth. Considerable values of gold and black sand was encountered in the blue clay strata, I might add here that this blue clay material is intermixed with quartz sand and readily dissolves in water by panning.

Below this blue clay lay a strata of five to eight feet of typical pay-gravel, which yielded the uniform values of the glacier type placers of the Idaho City pay streak District, which, according to record, runs into several hundred millions of Dollars.

This strata was tested by careful panning to contain up to five dollars per yard to bed-rock, no boulders larger than ten inches were encountered. Bed-rock consists of disintegrated soft granite, can readily be cleaned six inches below bed-rock surface, which incidentally, yields heavy values.

All of the above material runs heavy with black monazite sand, which at the time was entirely ignored in calculating values, but now, is worth twenty cents per pound at a plant in Boise. It is estimated, by subsequent tests, that approximately two pounds of this sand is contained in one cubic yard. Monazite; thorium; helium; radium; garnets, etc., are contained in the sand and are used in the Atomic industry.

I have been in almost daily contact with this placer ground since the time this test was conducted, as my engress road, to an operation I conducted, led over this ground, and only because my own operation was stopped by government edict after 1942, I ceased any further attempt to operate my property or undertake the operation of this placer.

I hope that this gives you preliminary assurance upon which you may base your contemplated drilling tests. I might mention here that our calculations and professional tests conducted prove an average of seventy-five cents per yard from grass-roots to bedrock taking fully into consideration the barren strata. This whole picture of course changes now with the values placed on Monazite sand which is readily saleable in Boise. All calculations were based on thirty-five dollars per ounce (troy) which price is expected to advance in the near future.

I may say in conclusion; that after closing down my own operation, I hold no interest whatsoever in the Lakow Placer.

Enclosed is a sketch of test pit No. 3 which is indicative of the entire test operation, being in the center of the claims which embodies some five miles of Bear Run Creek.

It might be well for you to check with Mr. Dewey Daily of Idaho City, whom I referred to above, for confirmation of essential facts, as he was present at all times during our testing operations and no doubt kept some records and notes of his own.

Very truly yours,

Chas. M. Lovenstein

INDORSEMENT:

The above statements with reference to my participation in pit testing, findings and conclusions, are correct in essential facts to the best of my knowledge and belief.

Dewey Daily

(COPY-ORIGINAL ON FILE)

COPY--Recorded as instrument No. 59191, Book 4 of Leases at page 63 Records of Boise County, Idaho.

MINING LEASE

THIS INDENTURE, made the 2nd day of December, 1952, by and between Frank Shelton and Josephine Shelton, husband and wife, and Leroy Daily, a single man, hereinafter called Lessors, parties of the first part, and Daily, Fenreon & Baltimore, a partnership, hereinafter called Lessees, parties of the second part.

W I T N E S S E T H

WHEREAS, parties of the first part are owners of certain Placer Mining Claims situated in the County of Boise, State of Idaho, described as follows:

Placer Claims numbers 1,2,3,4,5,6,7,8,9 located in what is known as LEROY DAILY PLACERS in the GRANITE MINING DISTRICT in Boise County, State of Idaho, as recorded in the office of the County Recorder of said County of Boise, State of Idaho.

And are the owners of certain water-rights, hereditaments and appurtenances situated upon and adjacent to, or used, in connection with the mining of aforesaid Placer Mining Claims.

NOW THEREFORE, in consideration of the royalties hereinafter reserved and the covenants and agreements hereof to be kept and performed, observed and fulfilled, by the respective parties, it is covenanted and agreed as follows. VIZ:

(1) Lessees agree to pay to Lessors, as royalty, ten per-cent (10%) of all gold /and or/ other rare-earth values recovered. Payment to be made in lawful money of the United States, or, at the option of Lessors to pay said royalty in Gold. Said royalty to be paid as above described until the total sum of thirty-five thousand dollars has been paid. And upon payment of said sum /or amount/ Lessors agree to convey to Lessors, by good and sufficient deed, title to said described Placer Claims free and clear of any and all incumbrance of any nature whatsoever.

(2) Lessees agree to enter upon the mining Claims /or premises/ above described and to work the same mine fashion and in manner consistent with good and economical mining practice. To allow Lessors /and or/ their agents to enter upon said property for the purpose of inspection; to give notice to Lessors of Lessees intention to have a clean-up of gold values not less than twenty-four hours before cleaning up the gold, or concentrates, resulting from Lessees operation of said Placer Mining Claims; to permit Lessors /or their agents/ to be present at each and every clean-up.

(3) It is further agreed that Lessees shall commence test-drilling operations on or before the 30th day of June, 1953.

(4) It is agreed that Lessees shall have no right whatsoever to the timber; stone or grazing rights on said Placer Mining Claims, excepting the right to use such timber as may be necessary, or convenient, to carrying on and conducting mining operations.

(5) Lessees shall make available to Lessors all of their engineering data concerning said Mining Claims; results of test drilling and all prospective data. Lessees agree to seasonably and promptly pay all labor and materials bills incurred in their mining operations, and to keep said Placer Claims free and clear of any and all kinds of liens on account thereof.

(6) Lessees shall perform upon said Placer Mining Claims all assessment work if there be any required under the mining laws of the United States; the State of Idaho or rules of the Mining District, subsequent to, and after, June 30th, 1936, and will either file proof thereof, or furnish proof thereof to Lessors timely of said work having been performed. Lessors covenant that all assessment work required to be performed prior to June 30th, 1936 has been performed, or will be performed prior to that date. Lessees books and records shall be open for inspection by Lessors at all times.

(7) Upon termination of this lease for any cause, or reason, whatsoever Lessees shall have the right to remove from said premises all personal property purchased by, or brought on to said premises, by Lessees.

(8) Lessees may, at any time, upon written notice to Lessors, terminate this Lease by forfeiting to Lessors all payments herein or on account of hereof made, and Lessees liabilities shall not exceed the amount of royalty actually owing to Lessors at the time of termination.

(9) In event Lessees fail to pay royalty as above provided, or to perform any of the covenants, or agreements, herein contained on their part to be performed, Lessors shall have the option of terminating this Lease by giving written notice to Lessees of the non-payment of royalty, or default complained of, and if said non-payment of royalty, or default complained of, is not paid or remedied within thirty days after said written notice then Lessors may terminate this Lease and it shall become null and void.

(10) Upon termination of this Lease Lessees agree to deliver up possession of the aforesaid Placer Mining Claims, and Lessors may enter upon said premises and dispossess all persons occupying the same with or without force and with or without process of law.

(11) All words and phrases herein contained shall be construed as having the meaning, import and intent, of those in general use, and practice, in the Mining industry.

(12) This Lease shall be binding upon, and inure to the benefit of the heirs; executors; administrators and assigns of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed these presents the day and year first above written.

PARTIES OF THE FIRST PART:

Dewey Daily

Frank Shelton

Josephine Shelton

By Dewey Daily
Dewey Daily attorney in fact.

PARTIES OF THE SECOND PART:

SMITH, PEARSON & PATTIMORE

Dewey Daily

Gus Pearson

Alex C. Pattimore

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as ~~owner~~ co-owner, lessor, ~~or lessee~~ has an interest in certain property in the State of Idaho, County of Boise, described as follows: 1/ Lakow Flats Placer Claims numbers 1,2,3,4,5,6,7,8,9 Recorded in Book 12 of Placers at page No. 193; 194; 195; 196; 197; 198; 620; 621 and Book 13 at page No. 91 respectively, official records of said county,

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Daily, Pearson & Pattimore (a partnership)

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ unlimited, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 19th day of December, 195 2.

Frank Shelton [Seal] Frank Shelton

Josephine Shelton [Seal] Josephine Shelton

By Dewey Daily [Seal] Dewey Daily

For himself and as attorney in fact for Frank Shelton and Josephine Shelton

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, ~~as owner~~, co-owner, lessor, ~~or seller~~ has an interest in certain property in the State of Idaho, County of Boise, described as follows: 1/ Lakow Flats Placer Claims numbers 1,2,3,4,5,6,7,8,9 Recorded in Book 12 of Placers at page No. 193; 194; 195; 196; 197; 198; 620; 621 and Book 13 at page No. 91 respectively, official records of said county,

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Daily, Pearson & Pattimore (a partnership)

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ unlimited, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 12th day of December, 1952.

Frank Shelton [Seal] Frank Shelton

Josephine Shelton [Seal] Josephine Shelton

By Dewey Daily [Seal] Dewey Daily

For himself and as attorney in fact for Frank Shelton and Josephine Shelton

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as ~~XXXX~~ co-owner, lessor, ~~XXXXXX~~ has an interest in certain property in the State of Idaho, County of Boise, described as follows: 1/ Lakow Flats Placer Claims numbers 1,2,3,4,5,6,7,8,9 Recorded in Book 12 of Placers at page No. 193; 194; 195; 196; 197; 198; 620; 621 and Book 13 at page No. 91 respectively, official records of said county,

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Daily, Pearson & Pattimore (a partnership)

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ unlimited, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 17th day of December, 195 2.

Frank Shelton [Seal] Frank Shelton

Josephine Shelton [Seal] Josephine Shelton

By Dewey Daily [Seal] Dewey Daily

For himself and as attorney in fact for Frank Shelton and Josephine Shelton

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as ~~XXXXX~~ co-owner, lessor, ~~XXXXXXXX~~ has an interest in certain property in the State of Idaho, County of Boise, described as follows: 1/ Lakow Flats Placer Claims numbers 1,2,3,4,5,6,7,8,9 Recorded in Book 12 of placers at page No. 193; ;94; 195; 196; 197; 198; 620; 621 and Book 13 at page No. 91 respectively, official records of said county,

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Daily, Pearson & Pattimore (a partnership)

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ unlimited, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 12th day of December, 1952.

Frank Shelton [Seal] Frank Shelton

Josephine Shelton [Seal] Josephine Shelton

By Dewey Daily [Seal] Dewey Daily

For himself and as attorney in fact for Frank Shelton and Josephine Shelton

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, has an interest in certain property in the State of Idaho, County of Boise, described as follows: 1/ Lakow Flats Placer Claims numbers 1,2,3,4,5,6,7,8,9 Recorded in Book 12 of Placers at page No. 193; 194; 195; 196; 197; 198; 620; 621 and Book 13 at page No. 91 respectively, official records of said county,

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Daily, Pearson & Pattimore (a partnership)

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ unlimited, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 12th day of December 195 2

Frank Shelton [Seal] Frank Shelton

Josephine Shelton [Seal] Josephine Shelton

By Dewey Daily [Seal] Dewey Daily

For himself and as attorney in fact for Frank Shelton and Josephine Shelton

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as ~~owner~~, co-owner, lessor, ~~XXXXXXX~~ has an interest in certain property in the State of Idaho, County of Boise, described as follows: 1/ Lakow Flats Placer Claims numbers 1,2,3,4,5,6,7,8,9 Recorded in Book 12 of Placers at page No. 193; 194; 195; 196; 197; 198; 620; 621 and Book 13 at page No. 91 respectively, official records of said county,

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Daily, Pearson & Pattimore (a partnership)

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ unlimited, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 12th day of December, 195 2.

Frank Shelton [Seal] Frank Shelton

Josephine Shelton [Seal] Josephine Shelton

By Dewey Daily [Seal] Dewey Daily

For himself and as attorney in fact for Frank Shelton and Josephine Shelton

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

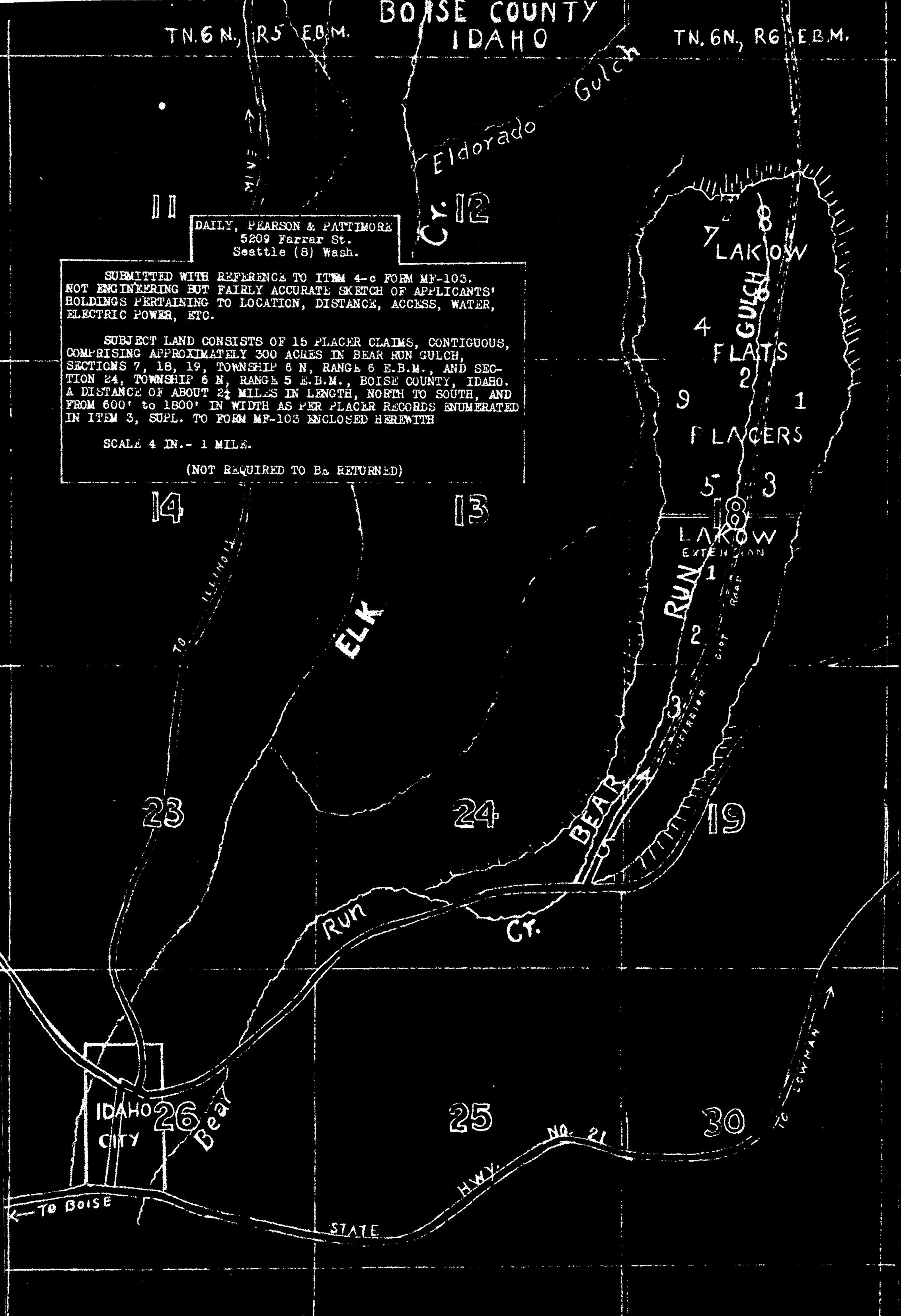
(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.


BOISE COUNTY
IDAHO
TN. 6 N., R5 E.B.M.
TN. 6N., R6 E.B.M.
Eldorado Gulch
MINE
Cr. 12
DAILY, PEARSON & PATTIMORE
5209 Farrar St.
Seattle (8) Wash.
SUBMITTED WITH REFERENCE TO ITEM 4-c FORM MF-103.
NOT ENGINEERING BUT FAIRLY ACCURATE SKETCH OF APPLICANTS' HOLDINGS PERTAINING TO LOCATION, DISTANCE, ACCESS, WATER, ELECTRIC POWER, ETC.
SUBJECT LAND CONSISTS OF 15 PLACER CLAIMS, CONTIGUOUS, COMPRISING APPROXIMATELY 300 ACRES IN BEAR RUN GULCH, SECTIONS 7, 18, 19, TOWNSHIP 6 N, RANGE 6 E.B.M., AND SECTION 24, TOWNSHIP 6 N, RANGE 5 E.B.M., BOISE COUNTY, IDAHO. A DISTANCE OF ABOUT 2¼ MILES IN LENGTH, NORTH TO SOUTH, AND FROM 600' to 1800' IN WIDTH AS PER PLACER RECORDS ENUMERATED IN ITEM 3, SUPL. TO FORM MF-103 ENCLOSED HEREWITH
SCALE 4 IN.- 1 MILE.
(NOT REQUIRED TO BE RETURNED)
7
8
LAKOW
GULCH
4
FLATS
2
9
1
PLACERS
5
3
18
LAKOW
EXTENSION
RUN
1
2
3
BEAR
19
14
13
TO ILLINOIS
ELK
23
24
Run
Cr.
IDAHO
CITY
26
Bear
25
30
TO LOWMAN
HWY. No. 21
STATE
TO BOISE

9-160 C
RETURN IF NOT DELIVERED
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
157 HOWARD ST.
Spokane 8, Wash.
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, $300
(GPO)

SPOKANE
JAN 26
P.M.
1953
WASH.

Mr. George C. Selfridge
Chairman, Operating Committee
Defense Minerals Exploration Admin.
Department of the Interior
Washington 25, D. C.

3 copies sent and rec'd
1/29/53