MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
3/11/59	Knowlse	700
	Selfridge	120
		110
		100
		220
	DMEA-4291	225

(Incoming letter filed in DMEA-2855
D. B. McGee & A. R. Kleinkauf)

Mr. Arthur E. Granger, Chief
Salt Lake Branch
Production Evaluation Division
Atomic Energy Commission
222 South West Temple, Room 210
Salt Lake City, Utah

Re: FSL:BB:mke

Dear Mr. Granger:

In accordance with your request of March 6, we are enclosing copies of the following property on-site examination reports:

DMEA-3882 Knowles Fisher Corporation, Radiant claims, Lemhi County, Idaho

DMEA-3974 Western Gold & Uranium, Inc., Silver Reef Mines, Washington County, Utah

DMEA-4291 Ralph K. Patton, et al., Foolproof claims, Custer County, Idaho

DMEA-4575 Idaho Nevada Uranium Corporation, Queen, et al., claims, Elko County, Nevada

We have requested our Reno, Nevada, office to forward a copy of the on-site examination report for Docket No. DMEA-4501, Kern Uranium Company, Little Sparkler and McTom claims, Kern County, California.

No DMEA reports are available because no on-site examinations were made of the following properties:

DMEA-2855 Allen R. Kleinkauf and Donald B. McGee, Minnie Lee and Fiend group of claims, San Bernardino County, California

DMEA-3759 Fall Creek Uranium Corporation, Inc., claims in Caribou Mountains, Bonneville County, Idaho.

FLKnowlse/gla 3-11-59 Sincerely yours,
cc to: Director's R. File
Operating Committee
FLKnowlse
Regions I, II, and III, w/cc
incoming letter

(signed) FRANK E. JOHNSON
Acting Director

Enclosures

43683

OFFICIAL FILE COPY DMEA RECEIVED FEB 18 1957		
DATE	INITIALS	CODE
2/18	C	220
		225

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

February 14, 1957

Mr. Ralph E. Patton
Box 213 F, Star Route 1
Bremerton, Washington

Re: Docket No. DMEA-4291 (Uranium)
Foolproof Claims
Custer County, Idaho

Dear Mr. Patton:

On May 5, 1956, we received with your application for exploration assistance a laboratory report by Abbot A. Hanks, Inc., dated December 12, 1955; a letter dated November 16, 1955 from Mr. H. D. Hess of the U. S. Bureau of Mines, Albany, Oregon; and a letter from Mr. Rollin Lewton, Deputy Auditor and Recorder, Custer County, Idaho.

We are returning these to you for your information and files.

Sincerely yours,

D. R. MacLaren
for: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosures

cc: DMEA (2)
USBM

EXPEDITE
DMEA
RECEIVED
DATE | IN | CODE

xxxxxxxxxxxxxxxxxx
Se. 157 Howard Street
Spokane 4, Washington

February 14, 1957

Mr. Ralph E. Patton
Box 213 F, Star Route 1
Bremerton, Washington

Re: Docket No. DMEA-4291 (Uranium)
Foolproof Claims
Custer County, Idaho

Dear Mr. Patton:

On May 5, 1956, we received with your application for exploration assistance a laboratory report by Abbot A. Hanks, Inc., dated December 12, 1955; a letter dated November 16, 1955 from Mr. H. D. Hess of the U. S. Bureau of Mines, Albany, Oregon; and a letter from Mr. Rollin Leaton, Deputy Auditor and Recorder, Custer County, Idaho.

We are returning these to you for your information and files.

Sincerely yours,

D. R. MacLaren
for: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosures

cc: DMEA (2)
USBM

LW

700

FILE COPY
Surname:
Murphy
Kiilsgaard
Hodge

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

23 JUL 1956

Mr. Ralph E. Patton
Box 213 F, Star Rt. 1
Bremerton, Washington

Re: Docket No. DMEA-4291 (Uranium)
Foolproof Claims
Custer County, Idaho

Dear Mr. Patton:

Your application for aid in an exploration project and other information available to us in Washington concerning the above-named property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although noting some uranium mineralization on your property, indicates to us that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation in an exploration program. We regret to advise you that, under these circumstances, your application for exploration assistance is denied. Such denial, however, is made without prejudice to the property. In the event further work on your part discloses new and more favorable evidence of ore deposition on the property, we shall be pleased to consider a new application.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

ACTING Administrator

FMMurphy/izm 7-18-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
Operating Committee
DMEA Field Team, Region I-NW Dist. (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224 JOHosted, Rm. 3210, GSA

R.C.S.

Docket Copy

700

Murphy
Ellis

Summary of Proposed Project

July 18, 1956

Object: Denial of application for exploration aid.

Docket No.: DMEA-4291

Commodity: Uranium

Applicant: Ralph E. Patton, M. R. Knight, N. H. Patterson, John Benzer, (A partnership) c/o Ralph E. Patton
Box 213 F, Star Rt. 1
Bremerton, Washington

Property: Foolproof et al., group of 4 claims situated at the mouth of Basin Creek, approximately 9 miles east of Stanley on U. S. Highway 93, in T. 11 N., R. 14 E., B.M., Custer County, Idaho.

Date of Application: May 5, 1956

Referred to Field Team: May 28, 1956

Field Examination made: June 8, 1956

Field Team Report received: July 9, 1956

Amount of Application: Not Given (about $1,200)

Work Proposed and Cost:

About 200 feet of diamond drilling at $6.00 per foot.

Excerpts from Field Team Report:

The claims trend across the Salmon River up Basin Creek along the hill slope east of the creek. The Applicant has excavated three short cuts on the side of the cliff across the fracture zone and one shallow pit at the top of the outcrop.

The deposit the Applicant proposes to drill occurs in a prominent outcrop 120 feet long and approximately 30 feet wide as a porphyry granite dike intruded into the quartz monzonite, or granites, of the Idaho Batholith. A fractured area in the porphyry has a background count as high as 0.5 mr/hr. Radioactivity of this rock away from the set of fractures is 0.1 mr/hr. Assays of 5 samples cut across the fracture zone show U_3O_8 values ranging from 0.018 to 0.084%.

The examiners state the deposit is interesting in that the granite porphyry contains primary radioactive minerals, but as the samples indicate the material is not commercial, the examiners agreed that the application be denied.

The examiners did not investigate other occurrences of pitchblende and uranium-bearing veins reported in the nearby area.

Commodity Members' Comments:

USGS, W. P. Williams, July 16, 1956:

Mr. Williams notes that the Field Team report does not cover certain essential information which would conclusively indicate that the project area is unfavorable for the occurrence of significant deposits of uranium. However, in view of the present information Mr. Williams concurs in the Field Team's recommendation of denial, but does so without absolute conviction.

USBM, James Paone, July 16, 1956:

Mr. Paone concurs in the Field Team's recommendation that the subject application be denied because the mineralization encountered is too low for commercial exploitation.

F. M. Murphy, Rare & Miscellaneous Metals Div., July 18, 1956:

The report of examination submitted by the Field Team covers the deposit where the Applicant had done some preliminary work, however, the general area adjacent to this deposit was not examined. The information submitted indicates that although uranium-bearing material occurs on the property it is not ore grade and the deposit is small.

Conclusions and Recommendations:

~~Therefore,~~ Lacking data which might indicate the general area is favorable, this Division concurs in the Field Team's recommendation to deny the subject application.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

7-20-56

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

RECEIVED
JUL 20 1956

July 16, 1956

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

Re: Docket No. DMEA-4291 (Uranium)
Ralph E. Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Mr. Selfridge:

In accordance with our letter of July 5, 1956, enclosed are four copies of a letter from Mr. Arthur E. Granger of the Atomic Energy Commission office at Salt Lake City concurring in the recommendation's denial for a contract at the Foolproof claims, Custer County, Idaho.

Sincerely yours,

Wing G. Agnew
Acting Executive Officer, DMEA
Field Team, Region I, NW Dist.

Enclosure

cc: USBM w/2 cys encl.
Nickelson

RECEIVED
JUL 30 1956

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

July 16, 1956

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

Re: Docket No. DMEA-[illegible]291 (Uranium)
Ralph E. Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Mr. Selfridge:

In accordance with our letter of July 5, 1956, enclosed are four copies of a letter from Mr. Arthur E. Granger of the Atomic Energy Commission office at Salt Lake City concurring in the recommendation's denial for a contract at the Foolproof claims, Custer County, Idaho.

Sincerely yours,

King G. Agnew
Acting Executive Officer, DMEA
Field Team, Region I, NW Dist.

Enclosure

cc: USBM w/2 cys encl.
Nickelson

RECEIVED
JUL 20 1956

xxxxxxxxxxxxxxxxxx
So. 127 Howard Street
Spokane 6, Washington

July 16, 1956

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

Re: Docket No. DMA-291 (Uranium)
Ralph E. Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Mr. Selfridge:

In accordance with our letter of July 5, 1956, enclosed are four copies of a letter from Mr. Arthur E. Iranger of the Atomic Energy Commission office at Salt Lake City concurring in the recommendation's denial for a contract at the Foolproof claims, Custer County, Idaho.

Sincerely yours,

King C. Agnew
Acting Executive Officer, DMA,
Field Team, Region I, NW Dist.

Enclosure

cc: USBM w/2 cys encl.
Nicholson

RECEIVED
JUL 20 1956

XXXXXXXXXXXXXXXXX
No. 157 Howard Street
Spokane 4, Washington

July 16, 1956

Mr. George C. Gallringe, Chairman
USEM Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. [illegible] (Uranium)
Ralph [illegible] Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Mr. Gallringer

In accordance with our letter of July 5, 1956, enclosed are four copies of a letter from Mr. Arthur E. Granger of the Atomic Energy Commission office at Salt Lake City concurring in the recommendation's denial for a contract at the Foolproof claims, Custer County, Idaho.

Sincerely yours,

King G. Agnew
Acting Executive Officer, EMA
Field Team, Region I, Ne Dist.

Enclosure

cc: USEM w/2 cys encl.
Nickelson

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF RAW MATERIALS
WASHINGTON, DISTRICT OF COLUMBIA

RECEIVED
JUL 20 1956

SLAO:DLD:af

July 12, 1956

Mr. A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, N. W. District
South 157 Howard Street
Spokane, Washington

Re: Docket No. DMEA-4291
(Uranium)

Dear Al:

We concur in the appraisal by the DMEA field team of the Foolproof claims, Custer County, Idaho. There are a number of small occurrences of uranium near the margin of the Idaho batholith, but none of them have been productive of commercial ore to date.

Sincerely yours,

Arthur E. Granger
Area Manager
Salt Lake Area Office

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF RAW MATERIALS
Salt Lake Exploration Branch

RECEIVED
JUL 20 1956

Atomic Energy Commission
Salt Lake City, Utah

SLAO:DLD:af

July 12, 1956

Mr. A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, N. W. District
South 157 Howard Street
Spokane, Washington

Re: Docket No. DMEA-4291
(Uranium)

Dear Al:

We concur in the appraisal by the DMEA field team of the Foolproof claims, Custer County, Idaho. There are a number of small occurrences of uranium near the margin of the Idaho batholith, but none of them have been productive of commercial ore to date.

Sincerely yours,

Arthur E. Granger
Area Manager
Salt Lake Area Office

RECEIVED
JUL 16 1956

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF RAW MATERIALS
Salt Lake Exploration Branch

RECEIVED
JUL 20 1956

IN REPLY TO:
U.S. Atomic Energy Commission
P.O. Box 2196
Salt Lake City, Utah
AND REFER TO: SLAO:DLD:sf

July 12, 1956

Mr. A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, N. W. District
South 157 Howard Street
Spokane, Washington

Re: Docket No. DMEA-4291
(Uranium)

Dear Al:

We concur in the appraisal by the DMEA field team of the Foolproof claims, Custer County, Idaho. There are a number of small occurrences of uranium near the margin of the Idaho batholith, but none of them have been productive of commercial ore to date.

Sincerely yours,

Arthur E. Granger
Area Manager
Salt Lake Area Office

RECEIVED
JUL 18 1956

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF RAW MATERIALS
Salt Lake Exploration Branch

[illegible] Commission
[illegible]
[illegible]
[illegible] SLAO:DLD:af

July 12, 1956

Mr. A. E. W[illegible]
Executive Off[illegible] DMEA
Field Team, Region 1, N. W. District
South 15[illegible] Howard Street
Spokane, Washing[illegible]

Re: Docket No. DMEA-4231
(Uranium)

Dear Al:

We [illegible] DMEA [illegible] team of the Foolproof claims. [illegible] a number of small occurrences of [illegible] near the margin of the Idaho batholith, but none of them [illegible] of commercial ore to date.

Sincerely yours,

Arthur E. Granger
Area Manager
Salt Lake Area Office

7-17-56

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

RECEIVED
JUL 1 3 1956

July 16, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: James Paone, Bureau of Mines Alternate Member
Uranium Commodity Committee

Subject: Report of Examination, DMEA Docket 4291 (Uranium), Ralph E. Patton, et al., Foolproof Claims, Custer County, Idaho

I have reviewed the report of examination, DMEA Docket 4291, Ralph E. Patton, et al., Foolproof Claims, Custer County, Idaho, dated July 3 and received in this office July 12, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The field examiners recommend that the application for exploration assistance be denied because the mineralization encountered is too low for commercial exploitation.

We concur in the denial.

The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

James Paone

James Paone

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

RECEIVED
JUL 16 1956

July 16, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: James Paone, Bureau of Mines Alternate Member
Uranium Commodity Committee

Subject: Report of Examination, DMEA Docket 4291 (Uranium), Ralph E. Patton, et al., Foolproof Claims, Custer County, Idaho

I have reviewed the report of examination, DMEA Docket 4291, Ralph E. Patton, et al., Foolproof Claims, Custer County, Idaho, dated July 3 and received in this office July 12, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The field examiners recommend that the application for exploration assistance be denied because the mineralization encountered is too low for commercial exploitation.

We concur in the denial.

The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

James Paone

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

RECEIVED
JUL 16 1956

July 16, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: James Paone, Bureau of Mines Alternate Member
Uranium Commodity Committee

Subject: Report of Examination, DMEA Docket 4291 (Uranium), Ralph E. Patton, et al., Foolproof Claims, Custer County, Idaho

I have reviewed the report of examination, DMEA Docket 4291, Ralph E. Patton, et al., Foolproof Claims, Custer County, Idaho, dated July 3 and received in this office July 12, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The field examiners recommend that the application for exploration assistance be denied because the mineralization encountered is too low for commercial exploitation.

We concur in the denial.

The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

James Paone

7-17-56

IN REPLY REFER TO:

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

RECEIVED
JUL 17 1956

July 16, 1956

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: W. P. Williams, U. S. Geological Survey

Subject: Review of field examination report, DMEA 4291, Ralph E. Patton, et al., Foolproof claims, Custer County, Idaho, (uranium).

In an extremely brief (2½ page) report the examining team concludes that the material exposed on the property is not of commercial grade and that, therefore, the application should be denied.

The field examiners report the presence of primary uranium mineralization, and the applicant submits spectrographic analyses which also show the presence of uranium in relatively large amounts in the sample - (which was probably carefully selected).

The report would have been much stronger if some discussion had been given concerning, 1) the 'strength' of the structure, i. e., is the dike and associated shear zone a prominent feature and can they be traced over wide dimensions as to width and length, 2) what are the possibilities for increase of metal values with depth, as the applicant postulates. There may be no field evidence bearing directly on this question, but the report should indicate that the problem was at least considered. The fact that samples taken from the surface were sub-ore grade proves only that a commercial mining operation is not immediately practicable, 3) a description of the applicants exploration proposals and their feasibility.

In view of the presently known uranium-producing potential of the region the property probably does not warrant exploration with DMEA participation at this time. I, accordingly, concur with the examining team's recommendation for denial but do so without absolute conviction.

W. P. Williams

W. P. Williams

IN REPLY REFER TO:

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

RECEIVED
JUL 17 1956

July 16, 1956

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: E. P. Williams, U. S. Geological Survey

Subject: Review of field examination report, DMEA 4291, Ralph E. Patton, et al., Foolproof claims, Custer County, Idaho, (uranium).

In an extremely brief (2½ page) report the examining team concludes that the material exposed on the property is not of commercial grade and that, therefore, the application should be denied.

The field examiners report the presence of primary uranium mineralization, and the applicant submits spectrographic analyses which also show the presence of uranium in relatively large amounts in the sample - (which was probably carefully selected).

The report would have been much stronger if some discussion had been given concerning, 1) the 'strength' of the structure, i. e., is the dike and associated shear zone a prominent feature and can they be traced over wide dimensions as to width and length, 2) what are the possibilities for increase of metal values with depth, as the applicant postulates. There may be no field evidence bearing directly on this question, but the report should indicate that the problem was at least considered. The fact that samples taken from the surface were sub-ore grade proves only that a commercial mining operation is not immediately practicable, 3) a description of the applicants exploration proposals and their feasibility.

In view of the presently known uranium-producing potential of the region the property probably does not warrant exploration with DMEA participation at this time. I, accordingly, concur with the examining team's recommendation for denial but do so without absolute conviction.

E.P.Williams:btr
G 7/16/56

E. P. Williams

cc: J. J. Crawford, 3641
J. O. Hosted, 3210
Director's reading file (4212)
Branch reading file (4212)
DMEA (3)
Chron. file
Docket file

IN REPLY REFER TO:

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

RECEIVED
JUL 17 1956

July 16, 1956

Memorandum

To: S. W. Ellis, Defense Minerals Exploration Administration

From: . P. Williams, U. S. Geological Survey

Subject: Review of field examination report, DMEA 4291, Ralph E. Patton, et al., Foolproof claims, Custer County, Idaho, (uranium).

In an extremely brief (2½ page) report the examining team concludes that the material exposed on the property is not of commercial grade and that, therefore, the application should be denied.

The field examiners report the presence of primary uranium mineralization, and the applicant submits spectrographic analyses which also show the presence of uranium in relatively large amounts in the sample - (which was probably carefully selected).

The report would have been much stronger if some discussion had been given concerning, 1) the 'strength' of the structure, i. e., is the dike and associated shear zone a prominent feature and can they be traced over wide dimensions as to width and length, 2) what are the possibilities for increase of metal values with depth, as the applicant postulates. There may be no field evidence bearing directly on this question, but the report should indicate that the problem was at least considered. The fact that samples taken from the surface were sub-ore grade proves only that a commercial mining operation is not immediately practicable, 3) a description of the applicants exploration proposals and their feasibility.

In view of the presently known uranium-producing potential of the region the property probably does not warrant exploration with DMEA participation at this time. I, accordingly, concur with the examining team's recommendation for denial but do so without absolute conviction.

. P. Williams:btr
G 7/16/56

cc: J. . Crawford, 3641
J. . Hosted, 3210
Director's reading file (4212)
Branch reading file (4212)
DMEA (3)
Chron. file
Pocket file

. P. Williams

IN REPLY REFER TO:

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

RECEIVED
JUL 17 1956

July 16, 1956

Memorandum

To: E. N. Ellis, Defense Minerals Exploration Administration

From: E. P. Williams, U. S. Geological Survey

Subject: Review of field examination report, DMEA 4291, Ralph E. Patton, et al., Foolproof claims, Custer County, Idaho, (uranium).

In an extremely brief (2½ page) report the examining team concludes that the material exposed on the property is not of commercial grade and that, therefore, the application should be denied.

The field examiners report the presence of primary uranium mineralization, and the applicant submits spectrographic analyses which also show the presence of uranium in relatively large amounts in the sample - (which was probably carefully selected).

The report would have been much stronger if some discussion had been given concerning, 1) the 'strength' of the structure, i. e., is the dike and associated shear zone a prominent feature and can they be traced over wide dimensions as to width and length, 2) what are the possibilities for increase of metal values with depth, as the applicant postulates. There may be no field evidence bearing directly on this question, but the report should indicate that the problem was at least considered. The fact that samples taken from the surface were sub-ore grade proves only that a commercial mining operation is not immediately practicable, 3) a description of the applicants exploration proposals and their feasibility.

In view of the presently known uranium-producing potential of the region the property probably does not warrant exploration with DMEA participation at this time. I, accordingly, concur with the examining team's recommendation for denial but do so without absolute conviction.

E. P. Williams:btr
C 7/16/56

cc: J. . Crawford, 3641
J. . Hosted, 3210
Director's reading file (4212)
Branch reading file (4212)
DMEA (3)
Chron. file
Docket file

E. P. Williams

7/9/56 gla

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

July 5, 1956

RECEIVED
JUL 9 1956

Mr. Arthur E. Granger
U. S. Atomic Energy Commission
P. O. Box 2196
Salt Lake City, Utah

Re: Docket No. DMEA-4291 (Uranium)
Ralph E. Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Art:

As is our usual procedure on uranium applications, we are enclosing one copy received from Ralph E. Patton, Bremerton, Washington, on the Foolproof Claims in Custer County, Idaho. Also enclosed is a copy of a report by field examiners Howard B. Nickelson of the Survey and E. W. Parsons of the Bureau of Mines.

You will note from the report that the deposit is not considered to be commercial and therefore, in our opinion, does not merit DMEA assistance; however, we would appreciate receiving your comments as to the merits of the application. As soon as we receive them we will forward them to our Washington office to complete the docket.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosures

cc: DMEA (2)
USBM (2)
Nickelson

xxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

July 5, 1956

RECEIVED
JUL 9 - 1956

Mr. Arthur E. Granger
U. S. Atomic Energy Commission
P. O. Box 2196
Salt Lake City, Utah

Re: Docket No. DMEA-4291 (Uranium)
Ralph E. Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Art:

As is our usual procedure on uranium applications, we are enclosing one copy received from Ralph E. Patton, Bremerton, Washington, on the Foolproof Claims in Custer County, Idaho. Also enclosed is a copy of a report by field examiners Howard B. Nickelson of the Survey and E. W. Parsons of the Bureau of Mines.

You will note from the report that the deposit is not considered to be commercial and therefore, in our opinion, does not merit DMEA assistance; however, we would appreciate receiving your comments as to the merits of the application. As soon as we receive them we will forward them to our Washington office to complete the docket.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosures

cc: DMEA (2)
USBM (2)
Nickelson

7-16-56

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

RECEIVED
JUL 9 - 1956

July 5, 1956

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

Re: Docket No. DMEA-4291 (Uranium)
Ralph E. Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Mr. Selfridge:

Enclosed are four copies of a report dated July 3, 1956 by Howard B. Nickelson, Geological Survey, and E. W. Parsons, Bureau of Mines, recommending denial of an exploration project at the Foolproof Claims.

While the examiners agree that the deposit is interesting they conclude that it is not commercial. The Field Team concurs in their recommendation for denial.

A copy of the application and a copy of the examination report are being forwarded to the Atomic Energy Commission at Salt Lake City for their appraisal. We will forward Mr. Granger's comments as soon as we receive them.

By Field Team, Region I, NW District

A. E. Weissenborn

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

Thomas E. Howard

Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosures

cc: USBM (2)
AEC, SLC
Nickelson

Reviewed by
DMEA OPERATING COMMITTEE
7-13-56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

July 3, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: Howard B. Nickelson, Geologist, U. S. Geological Survey, and E. W. Parsons, Mining Engineer, U. S. Bureau of Mines

Subject: Field Examination Report, Docket No. DMEA-4291 (Uranium), Ralph E. Patton, et al., Foolproof Claims, Custer County, Idaho

SUMMARY

The property was examined June 8, 1956, by the writers accompanied by William Brooks, Hailey, Idaho, a representative of the applicant, and Dave Walker, mining engineer, U. S. Bureau of Mines. Approximately six hours was spent on the property.

The Foolproof et al. group of four claims is owned by Ralph E. Patton, Box 213 F, Star Route #1, Bremerton, Washington, M. H. Patterson and M. R. Knight, Gooding, Idaho, and John Benzer, Stanley, Idaho. The partners submitted an application on May 5, 1956, requesting 200 feet of diamond drilling.

The high radioactivity occurs in a porphyry granite outcrop across a zone of nearly vertical fractures. No visible uranium minerals were observed except one specimen which showed 1/4-inch veinlet of a black amorphous mineral reading 1.8 mr/hr on a counter. Five samples were cut across the zone in three different locations as shown on the enclosed sketch. These samples cut across minable widths in best exposures show that the grade is too low for commercial exploitation.

RECOMMENDATION

In the opinion of the examining team the exploration program submitted by the applicant should be denied.

Reviewed by
DMEA OPERATING COMMITTEE
7-13-56
(date)

RECEIVED
JUL 9 - 1956

LOCATION AND ACCESSIBILITY

The Foolproof et al. group of claims at the mouth of Basin Creek is approximately 9 miles east of Stanley, Idaho, in T. 11 N., R. 14 E., B.M., Custer County, Idaho. U. S. Highway 93 runs across the claims.

PROPERTY

The property consists of four unpatented lode mining claims in the Stanley Mining District held by location. The claims are recorded at the Custer County courthouse, Challis, Idaho, as follows:

Claim	Book	Page
Foolproof No. 1	108	778
Foolproof No. 2	108	779
Foolproof No. 3	108	780
Abbie Lou No. 1	108	641

DESCRIPTION OF THE PROPERTY

The claims trend across the Salmon River up Basin Creek along the hill slope east of the creek. The applicant has driven three short cuts on the side of the cliff across the fracture zone and one shallow pit at the top of the outcrop.

GEOLOGY

The deposit occurs in a discontinuous porphyry granite dike intruded in the quartz monzonite or granites of the Idaho Batholith. The outcrop of the porphyry granite trends easterly and appears to dip approximately 45° northerly. To the east the outcrops occur in small isolated cliffs about 100 to 150 feet apart. Apparently these outcrops are not radioactive except a higher background count was reported.

The deposit the applicant wishes to diamond drill occurs in a prominent outcrop 120 feet long and approximately 30 feet wide. The most radioactivity occurs in the granite porphyry between and with a set of fractures striking N. 80° W. and dipping 85° SW. as shown on the enclosed sketch. In this area the background count is high, 0.5 mr/hr. Radioactivity of this rock away from the occurrence is 0.1 mr/hr.

No uranium minerals were identified but one specimen showed 1/4-inch veinlet of black amorphous mineral that read 1.8 mr/hr on a counter. Dwight Schmidt, U. S. Geological Survey geologist, reported finding a 1/4-inch piece of pitchblende a short distance up the creek from this occurrence.

Five samples all below ore grade were cut across the fracture zone. The sample location, widths, and chemical assays are shown on the enclosed sketch.

Mr. Brooks reported three small veins approximately 6 inches wide occurring within 100 feet were discovered about 600 feet N. 75° W. from Sta. 2 on the enclosed map. A composite sample of these veins was reported to have assayed 0.35 percent cU_3O_8. These veins were not examined because the examiners could not cross Basin Creek and the applicant only proposed drilling the deposit described. Mr. Brooks also reported high radioactivity from several small spots across the Salmon River on the south end of the claims.

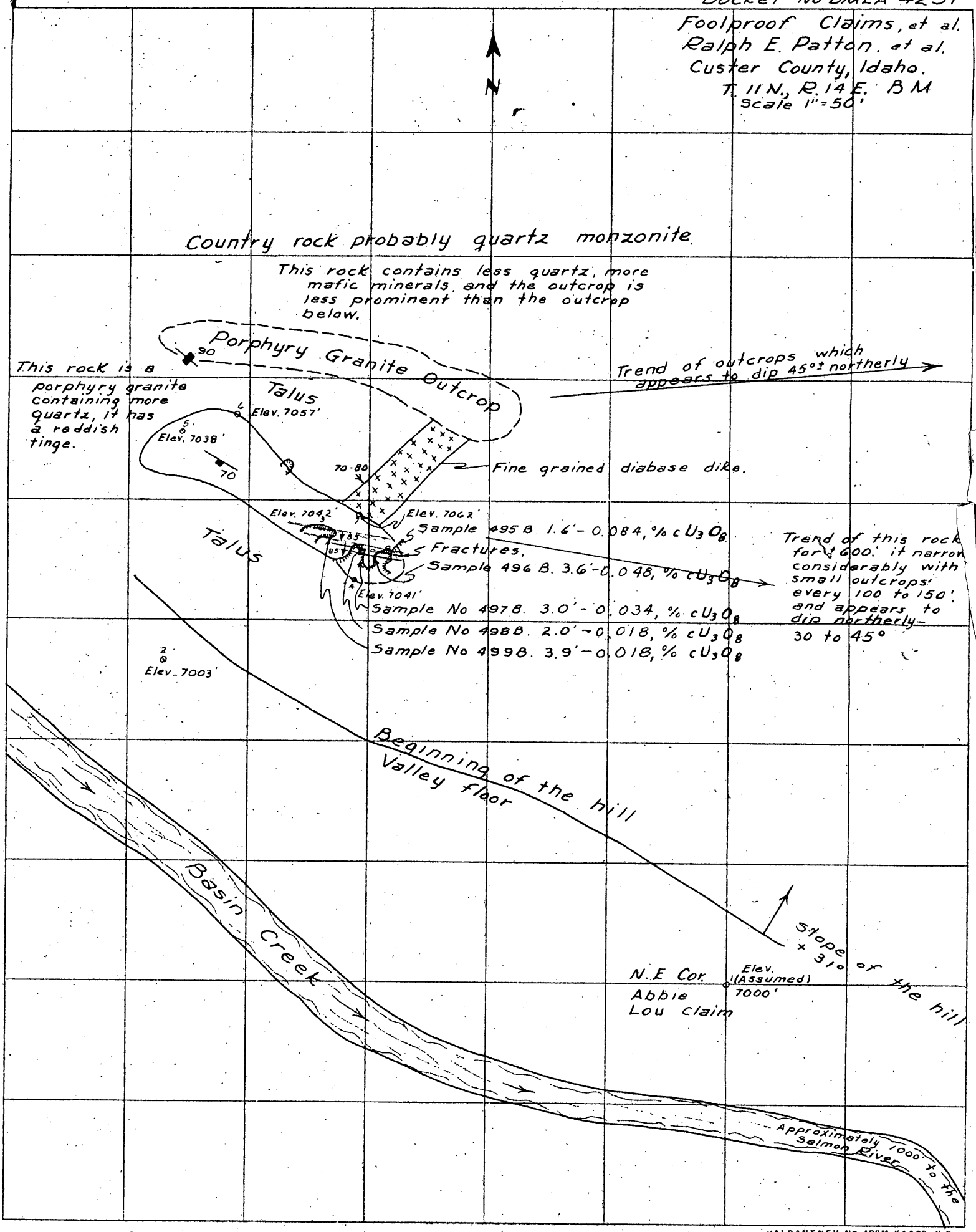
The deposit is interesting in that the granite porphyry contains primary radioactive minerals, but the sample assays indicate the material is not commercial, therefore, the examiners concur that the application for diamond drilling be denied.

Enclosure 1

Distribution:
DMEA (4)
USBM (5)
USGS(SRO)
AEC, SLC
Docket
Nickelson

Docket No DMEA 4291

Foolproof Claims, et al.
Ralph E. Patton, et al.
Custer County, Idaho.
T. 11 N., R. 14 E. BM
Scale 1" = 50'



"ALBANENE" NO. 196M K&E CO., N.Y.
REG. U.S. PAT. OFF.

RECEIVED
JUL 9 - 1956

Surname copy

700

Murphy
Ellis
Kilsgaard
Gubler
Martin
Johnson

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

MAY 28 1956

Mr. Ralph E. Patton
Box 213 F, Star Rt. 1
Bremerton, Washington

Re: Docket No. DMEA-4291 (Uranium)
Foolproof Claims
Custer County, Idaho

Dear Mr. Patton:

The application for assistance in exploring the subject claims, under the captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. It has been referred to:

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

The Regional Office will contact you in regard to your project if additional information is required.

Sincerely yours,

G. O. Mittendorf

Administrator

FMMurphy/gla
5-28-56
cc to: Admr.'s Reading File
Docket
Code 700
Mr. Murphy
DMEA Field Team, Region I, NWDist. (2)

RCB.

Surname copy

700

Murphy
Ellis
Martin
Johnson
Mitterdorf

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

MAY 28 1956

Mr. A. E. Weissenborn
Executive Officer, Region I, DMEA Field Team
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-4291 (Uranium)
Ralph E. Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Mr. Weissenborn:

The captioned application is referred to Region I, Northwest District, Field Team for a field examination, if deemed advisable, and recommendation.

Enclosed are copies of memoranda, dated May 17 and 18, 1956, by J. E. Crawford, USBM, and N. E. Nelson, USGS, respectively, relating to the application.

The application does not contain an estimate of the cost of the project. However, it can be inferred that the proposed three drill holes, to intersect the surface showing of uranium-bearing veins or stringers at depth, will not entail a large capital outlay.

In the event the Field Team concludes that a field examination of the subject claims is warranted, it should request the Applicant to submit a detailed estimate of the drill footage required and the cost of the proposed project.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (SAB)

Enclosures

APPROVED:

/s/ Robert W. Geehan (SAB)
Member, Bureau of Mines

Thor H. Kiilsgaard (SAB)
Member, Geological Survey

FMMurphy/gla
5-28-56
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
Code 700
Mr. Murphy

R.H.S.

IN REPLY REFER TO:

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

May 18, 1956

Re: DMEA 4291
Ralph E. Patten, et al.
Fool Proof Claims
Custer County, Idaho
Uranium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicants request assistance in exploring a stockwork of stringers cutting granite, 50 feet wide and 4000 feet long, by diamond drilling.

No data are given concerning radioactivity other than a certificate from the Bureau of Mines (Albany), saying:--

Sample designation	Percent equiv. U_3O_8
Reddish sample	0.19
Other sample	0.09

The radioactivity is associated with the tentatively identified uranophane. A qualitative spectrographic analysis (Hanks) shows from 3 to 30 percent uranium was found in a sample. The uranophane is said to be associated with stringers of quartz.

The application gives no outline of the work proposed, but says work will proceed on a hole-by-hole basis; that is the results obtained in each hole will determine whether and where the next hole will be drilled. The applicants say one hole may be enough.

Referral to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

IN REPLY REFER TO:

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

May 18, 1956

Re: DMEA 4291
Ralph E. Potter, et al.
Fool Proof Claims
Custer County, Idaho
Uranium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicants request assistance in exploring a stockwork of stringers cutting granite, 50 feet wide and 4000 feet long, by diamond drilling.

No data are given concerning radioactivity other than a certificate from the Bureau of Mines (Albany), saying:--

Sample designation	Percent equiv. U_3O_8
Reddish sample	0.19
Other sample	0.09

The radioactivity is associated with the tentatively identified uranophane. A qualitative spectrographic analysis (Banks) shows from 3 to 30 percent uranium was found in a sample. The uranophane is said to be associated with stringers of quartz.

The application gives no outline of the work proposed, but says work will proceed on a hole-by-hole basis; that is the results obtained in each hole will determine whether and where the next hole will be drilled. The applicants say one hole may be enough.

Referral to the Field Team for appropriate action is recommended.

NENelson:iml
G-5/25/56 (rewritten)
cc: Director's reading, 4212
Branch reading, 4212
DMEA (3); Docket file
J. E. Crawford, 3641
J. O. Hosted, 3210

N. E. Nelson

N. E. Nelson

5/18/56

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

RECEIVED
MAY 18 1956

May 17, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Application for Assistance, DMEA Docket 4291
Ralph E. Patton, et al. Foolproof Claims, Custer County, Idaho.

I have reviewed the application for assistance, DMEA Docket 4291, Ralph E. Patton, et al., Foolproof Claims, Custer County, Idaho, dated May 5, 1956, and received in this office May 15, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The applicant has requested Federal assistance to explore for uranium on six claims located in the Stanley Mining district, Section 21, 11 N., R. 14 E. B.M., Custer County, Idaho. The exploration project will include at least 200 feet of core drilling at a unit cost of $6.00. A total estimated cost figure is not given.

Several mineralized stringers, each having an average width of one inch have been found on the property, and from this the applicant concludes that "an ore body of considerable size at undetermined depth" exists on his claims.

It would be desirable to have the applicant submit maps showing the exact location of the property and the proposed exploration plan with relationship to the geology of the subject claims. A more definite cost analysis and submitted bids on drilling costs would be of material value to the application. Origin of samples should be indicated, as well as exploration targets.

The application is not sufficiently complete. It is recommended that additional information be requested of the applicant and that the application be denied without prejudice if the data is not received.

John E. Crawford
John E. Crawford

Attachment

May 15, 1956

Mr. Ralph E. Patton, et al.
Box 213 F Star Rt. 1
Bremerton, Washington

Subject: DMEA - 4291
Re: Exploration Assistance
Foolproof Claims

Dear Mr. Patton

The receipt of your application dated May 5, 1956 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA - 4291 and referred to the Rare & Misc. Metals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

00932

May 15, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region I NW

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 I NW

DMEA

4291 Ralph E. Patton, et al.

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

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

RECEIVED
MAY 14 1956

May 11, 1956

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

Re: New application (Uranium)
Ralph E. Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies of an application submitted by Ralph E. Patton, et al., Box 213 F, Star Rt. 1, Bremerton, Washington. We have retained one copy for our files.

Sincerely yours,

A. E. Weissenborn/O.H.

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosure as indicated

cc: USBM (2)
Nickelson
AEC(SLC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAY 14 1956

May 11, 1956

Mr. Ralph E. Patton,
Box 213 F, Star Rt. 1,
Bremerton, Washington

Re: New application (Uranium)
Ralph E. Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Mr. Patton:

Your application received with your letter of May 5, 1956 has been forwarded to our Washington, D. C. office.

It is very difficult to anticipate the time needed for processing of an application. As a guess we would say that it would be on the order of two months before you have a decision.

Sincerely yours,

A. E. Weissenborn
Executive Officer
Field Team, Region I, NW District

cc: DMEA (2)
USBM (2)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
MAY 14 1956

~~WASHINGTON 25, D.C.~~
No. 157 Howard Street
Spokane 4, Washington

May 11, 1956

Mr. Ralph E. Patton,
Box 213 F, Star Rt. 1,
Bremerton, Washington

Re: New application (Uranium)
Ralph E. Patton, et al.
Foolproof Claims
Custer County, Idaho

Dear Mr. Patton:

Your application received with your letter of May 5, 1956 has been forwarded to our Washington, D. C. office.

It is very difficult to anticipate the time needed for processing of an application. As a guess we would say that it would be on the order of two months before you have a decision.

Sincerely yours,

A. E. Weissenborn
Executive Officer
Field Team, Region I, NW District

cc: DMEA (2)
USGM (2)
Nicholson

DMEA

Box 213 F, Star Rt. 1
Bremerton, Wash.

RECEIVED
MAY 14 1956

5-5-56

D.M.E.A.

Mr. Verne C. Fryklund, Jr.

Dear Sir:

I would very much appreciate if you could give me some kind of an estimate on the amount of time that may be required on this application, as we have several fair offers to sell the properties, pending.

If the application sounds good enough for an examination, Mr. Bill Brooks, Liberty Theater, Hailey, Idaho, will guide and assist if contacted.

Sincerely

/s/ Ralph Patton

C O P Y

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

(2)

RECEIVED
MAY 14 1956

RECEIVED
MAY 7 1956
U. S. G. S.
SPOKANE, WASH.

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-4291
Metal or Mineral URANIUM
Date Received 5/14/56
Estimated Cost Not GIVEN
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: Ralph E. Patton Box 213 F STAR RT 1 BREMERTON, WASHINGTON
M.H. PATTERSON GOODING, IDAHO
M.R. KNIGHT Gooding, IDAHO PARTNERSHIP
John BENZER, STANLEY, IDAHO

(*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.

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

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

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 UNSURVEYED, RECORDED, MINING CLAIMS ON CHALLIS NATIONAL FOREST LANDS, IDAHO.

(*b*) State any mine name by which the property is known. FOOLPROOF CLAIMS

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise 1/4 PARTNER ON 6 CLAIMS, LOCATED, RECORDED, JOINTLY, BY 4 PERSONS

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it .....

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

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.

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

(*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.

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

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore URANIUM

(*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 10 days and be completed within 1 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.

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.

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

(*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.

(*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.

(*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.

(*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)?

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

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

Explain in detail on acompanying paper.

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 MAY 5, 1956

Ralph E. Patton
(Applicant)

By

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

RECEIVED
MAY 24 1955

Physical Discribtion:

The country rock is a form of granite, chiefly Feldspar and Quartz with associated Muscovite, and Chlorite. The radioactivity is atributable to a Hydrated Calcium-Uranium Silicate, identified as Uranophane.

The mineral is in and/or near small dark colored veins or stringers made up of Quartz, with associated Serécite, Chlorite, Feldspar, and Calcite. The stringers (average width about 1") seem to be regular filling of open space along fissures and shearzones. Some specimens show open cavities suggesting leaching and dissolution of any primary mineral.

The outcrops make up a fomr of stockwork (about 50 feet wide) of these small stringers with some impregnation of country rock.

The formation lies in an East-Westerly direction, metalization reconizable in several locations along strike over, a distance of approximitely 4000' (feet).

Secondary mineral is associated with Feldspar injections where cracks and ,openings are commendable to the circulation of metorical waters. These conditions indicate the possibility of an ore body of considerable size at undetermined depth which could supply the Uranium salts for percolation.

No other metal indications has been discovered, other than very minor sulfides of iron (probably marcasite or arsenopyrite). There are several irregular dikes in and near the mineralized areas, of a dark, felsitic, trap variety, but as they cut the formations and metalized areas without alteration or mineralization of the contact or other points where expected, they may be considered to have no relation to the ore, and are geologically, probably later.

CLAIM NAMBERS:	BOOK NO.
ABBIE LOU No. 1	108-64P
FOOL PROOF No 1	108-778
FOOL PROOF No 2	108-778
FOOL PROOF No. 3	108-780

(2)

Physical Discription (con't)

The claims are easily accessible from U.S. Hyway No. 93, over a dirt road for about 800 feet. A drilling rig could be placed into drilling position without any road building needed. An automobile or other vehicle can be driven onto the property without difficalty for examination or exploration.

The properties are divided by a good sized year-around stream which would supply water for any operation. The country is sufficiently timbered to supply the necessary wood for any operation. An electric power line passes across one of the claims. Shipment of ore would be 78 miles by highway to Hailey, Idaho, hence by rail to Salt Lake City, Utah, for treatment.

THE EXPLORZTION PROJECT 5,(B)

Thepproposed plan would consist of several core drill holes which would be in such order as to cut the formations at about three different depths if the preceeding cores showed sufficient mineral to warrent another hole, with the thought in mind that the small fissures may converge at depths into a larger, more economical deposit. The First drill hole would be almost horizonal and intersect the formation at a depth of about 50 feet beneath the surface, if increase in grade or quanity of U_3O_8 showed in the cores. The drill would be inclined about 60 degrees from the horizonal and would cut the formation about 150 feet. If this warrented a farther exploration, the next hole would be calculated to cut the formation at a depth of several hundred feet. This is the proposed plan of several engineers who have inspected the properties.

The applicant and associates are fairly experienced miners and possess the knowledge and ability to carry out the necessary operations for the prospecting by the methods indicated.

The amount of core drilling is almost impossible to estimate as the first or second hole may terminate the operations. It is concluded that on two separate claims there should be at least 200 feet of drilling at the least cost of about $6.00 per foot. It is concidered that core drilling is the only practical way to explore the deposits. We intend to have the drilling contracted by an experienced operator, and would not expect the operation to last much longer than 2 weeks

LABORATORY REPORT

ABBOT A. HANKS, INC.

ENGINEERS, ASSAYERS, CHEMISTS, METALLURGISTS
CONSULTING · TESTING · INSPECTION
ESTABLISHED 1869
524 SACRAMENTO STREET
SAN FRANCISCO 11, CALIFORNIA
TELEPHONE GARFIELD 1-0567

Lab. No. [illegible] Date December [illegible], 1955

Submitted by [illegible] Sample Mark [illegible]

Footproof No. 1 } Samples
Shiny Lot No. 1 }

Semi-Quantitative Spectrographic Analysis
Metal Found and Estimated Percentage Range

Less than .05%	.05% to .30%	.30% to 3%	3% to 30%	30% to 100%
Aluminum Boron Iron Magnesium Manganese Nickel Silicon Silver Titanium Zinc Zirconium	Bismuth Chromium Copper Lead Molybdenum Tin	[illegible]	Antimony Cobalt	Silicon

Remarks

Respectfully submitted,
ABBOT A. HANKS, INC.

By _____
Spectro-Chemist

HOWARD BAXTER
Clerk of the District Court
And Ex-Officio Auditor and Recorder
CHALLIS, IDAHO

April 11, 1956

RECEIVED
MAY 14 1956

Ralph Patton

Bremerton, Washington

Re: Quartz Claims
Abbie Lou No. 1
Fool Proof No. 1, 2, 3

Dear Sir:

Upon checking the above Quartz Claims, we find they are located in the Stanley Mining District, Section 21, Township 11 N. R. 14 E. B. M. Any claims east from the Mouth of Basin Creek will undoubtedly be in the SE Quarter but the Quarter line seems to come so close to the mouth of Basin Creek that the only sure way would be to have it surveyed.

I hope this information is sufficient since it is hard to determine exactly how the claims are located on the map.

Yours truly,

Mollin Leaton
County Auditor & Recorder

Certified

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
No. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAY 14 1956

May 11, 1956

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

Re: New application (Uranium)
Ralph E. Patten, et al.
Pearlgrass Claims
Custer County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies of an application submitted by Ralph E. Patten, et al., Box 613 F, Star Rt. 1, Bremerton, Washington. We have retained one copy for our files.

Sincerely yours,

A. H. Weissenborn
Executive Officer, DMEA
Field Team, Region I, Mt District

Enclosure as indicated

cc: ~~[illegible]~~ (2)
Michelson
AEC(SLC)

RECEIVED
MAY 14 1956

Box 213 F, Star Rt. 1
Bremerton, Wash.

5-5-56

D.M.E.A.

Mr. Verne C. Fryklund, Jr.

Dear Sir:

I would very much appreciate if you could give me some kind of an estimate on the amount of time that may be required on this application, as we have several fair offers to sell the properties, pending.

If the application sounds good enough for an examination, Mr. Bill Brooks, Liberty Theater, Hailey, Idaho, will guide and assist if contacted.

Sincerely

/s/ Ralph Patton

C O P Y

5/15/56

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED

RECEIVED

MAY 14 1956

MAY 7 1956
U. S. G. S.
SPOKANE, WASH.

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-4291
Metal or Mineral URANIUM
Date Received 5/14/56
Estimated Cost Not GIVEN
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: RALPH EDWARD PATTON Box 213 F Star Rte #1 Bremerton, Washington
MR. Knight, Gooding, Idaho. M.H. Patterson, Gooding, Idaho.
John BENZER, Stanley, IDAHO.
PARTNERSHIP

(*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.

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

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

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 Recorded CLAIMS ON UNSURVEYED NATIONAL FOREST LANDS (6 CLAIMS)

(*b*) State any mine name by which the property is known. FOOLPROOF CLAIMS

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise ONE OF 4 PARTNERS CLAIMS JOINTLY + EQUALLY

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it

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

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.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. None

(*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.

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore URANIUM

(*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 10 days and be completed within 1 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.

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.

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

(*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.

(*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.

(*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.

(*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)?

(*b*) How do you propose to furnish your share of the costs? In money - equipment and Labor

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

Explain in detail on acompanying paper.

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 MAY 5, 1956

Ralph E. Patton
(Applicant)

By

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

Physical Discribtion:

The country rock is a form of granite, chiefly Feldspar and Quartz with associated Muscovite, and Chlorite. The radioactivity is atributable to a Hydrated Calcium-Uranium Silicate, identified as Uranophane.

The mineral is in and/or near small dark colored veins or stringers made up of Quartz, with associated Sericite, Chlorite, Feldspar, and Calcite. The stringers (average width about 1") seem to be regular filling of open space along fissures and shearzones. Some specimens show open cavities suggesting leaching and dissolution of any primary mineral.

The outcrops make up a four of stockwork (about 50 feet wide) of these small stringers with some impregnation of country rock.

The formation lies in an East-Westerly direction, mctalisation reconizable in several locations along strike over, a distance of approximitely 4000' (feet).

Secondary mineral is associated with Feldspar injections where cracks and openings are commendable to the circulation of meteorical waters. These conditions indicate the possibility of an ore body of considerable size at undetermined depth which could supply the Uranium salts for percolation.

No other metal indications has been discovered, other than very minor sulfides of iron (probably marcasite or arsenopyrite). There are several irregular dikes in and near the mineralized areas, of a dark, felsitic, trap variety, but as they cut the formations and metalized areas without alteration or mineralization of the content or other points where expected, they may be considered to have no relation to the ore, and are geologically, probably later.

CLAIM NUMBERS:		BOOK NUMBERS:
ABBR LOU	No 1	108 641
FOOLPROOF	No 1	108 778
~~ABBR~~ FOOLPROOF	No 2	108 779
FOOLPROOF	No 3	108 780

Physical Discription (Cont)

The claims are easily accessible from U.S. Hyway No. 93, over a dirt road for about 800 feet. A drilling rig could be placed into drilling position without any road building needed. An automobile or other vehicle can be driven onto the property without difficulty for examination or exploration.

The properties are divided by a good sized year-around stream which would supply water for any operation. The country is sufficiently timbered to supply the necessary wood for any operation. An electric power line passes across one of the claims. Shipment of ore would be 78 miles by highway to Hailey, Idaho, hence by rail to Salt Lake City, Utah, for treatment.

THE EXPLORATION PROJECT 5,(B)

The proposed plan would consist of several core drill holes which would be in such order as to cut the formations at about three different depths if the preceeding cores showed sufficient mineral to warrent another hole, with the thought in mind that the small fissures may converge at depths into a larger, more economical deposit. The First drill hole would be almost horizonal and intersect the formation at a depth of about 50 feet beneath the surface, if increase in grade or quanity of V_2O_5 showed in the cores. The drill would be inclined about 60 degrees from the horisonal and would cut the formation about 150 feet. If this warrented a farther exploration, the next hole would be calculated to cut the formation at a depth of several hundred feet. This is the proposed plan of several engineers who have inspected the properties.

The applicant and associates are fairly experienced miners and possess the knowledge and ability to carry out the necessary operations for the prospecting by the methods indicated.

The amount of core drilling is almost impossible to estimate as the first or second hole may terminate the operations. It is concluded that on two separate claims there should be at least 200 feet of drilling at the least cost of about $6.00 per foot. It is considered that core drilling is the only practical way to explore the deposits. We intend to have the drilling contracted by an experienced operator, and would not expect the operation to last much longer than 2 weeks

LABORATORY REPORT

ABBOTT A. HANKS, INC.

ENGINEERS, ASSAYERS, CHEMISTS, METALLURGISTS

CONSULTING - TESTING - INSPECTING

ESTABLISHED 1894

424 SACRAMENTO STREET

SAN FRANCISCO 11, CALIFORNIA

TELEPHONE GARfield 1-1697

[redacted]

MAY 1 [redacted] 1956

Lab. No. [redacted] Date [redacted]

Submitted by [redacted] Sample Mark [redacted]

[redacted] samples

[redacted] QUALITATIVE SPECTROGRAPHIC ANALYSIS

Metals Found and Estimated Percentage Range

[redacted] .03%	.03% to .30%	[redacted]	3% to 30%	30% to 100%
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Remarks [redacted]

[redacted] ABBOTT A. HANKS, INC.

By [redacted]

Spectrographer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

[redacted]

HOWARD BAXTER
Clerk of the District Court
And Ex-Officio Auditor and Recorder
CHALLIS, IDAHO

RECEIVED
MAY 14 1956

April 11, 1956

Ralph Patton

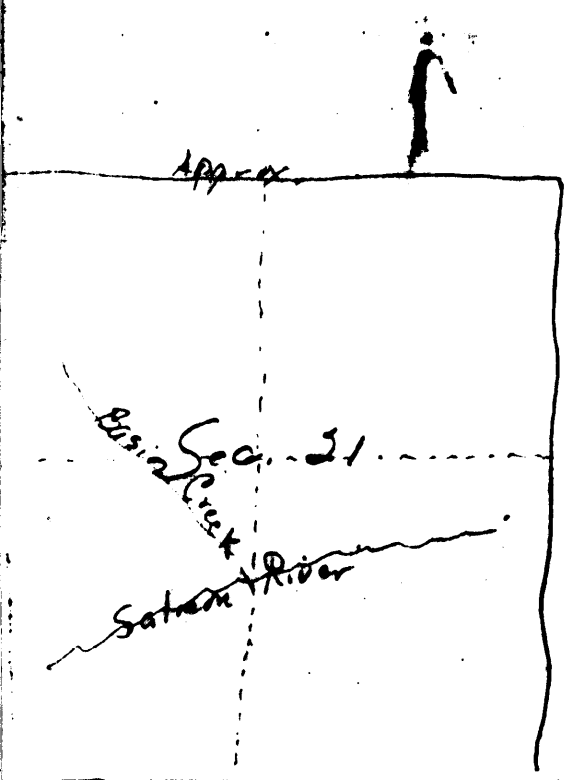
Bremerton, Washington

Re: Quartz Claims
Abbie Lou No. 1
Fool Proof No. 1, 2, 3

Dear Sir:

Upon checking the above Quartz Claims, we find they are located in the Stanley Mining District, Section 21, Township 11 N. R. 14 E. B. M. Any claims east from the Mouth of Basin Creek will undoubtedly be in the SE Quarter but the Quarter line seems to come so close to the mouth of Basin Creek that the only sure way would be to have it surveyed.

I hope this information is sufficient since it is hard to determine exactly how the claims are located on the map.

Yours truly,

Rollin Leaton
Deputy Auditor & Recorder
Custer County