DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3070

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Exploration Assistance

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Routing Slip

To:	Code 700, Rm.4640	Date	6/10/53
To:	Code 700	Date	7. 7. 53
To:	Code 700	Date	9-2-53
To:	Code 700	Date	10/5/53
To:	Code 220	Date	10/14/53
To:	Open Comm	Date	10-16-53
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CONTROLLED DOCUMENT

FILE COPY
SURNAME:

Murphy
Ellis
Meyer
Thayer
Hodges
Selfridge

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

Messrs. Julius L. Miller
and Kendall Horne
Garden Valley, Idaho

OCT 16 1953

re: Docket No. [illegible]-2370 (Horne)
[illegible] Claims
Boise County, Idaho

Gentlemen:

Your application for aid in an exploration project docketed under the above number has been thoroughly reviewed by this Agency.

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

A careful study of your proposal and an consideration of the sample you forwarded, together with all information available from other Government sources, indicate to us that the probability of disclosing minable ore reserves of acceptable grade by your proposed exploration program is not sufficiently promising to justify Government participation.

We regret that under these circumstances your application for exploration aid to the extent of 75% of $20,421.00 must be denied.

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

Sincerely yours,

Frank E. Johnson (for)

ACTING Administrator

DENIED

R.C.G.
10-16-53

FMurphy/db
10-13-53
cc to: Adm. Reading File
Operating Committee
Docket
Messrs: H. Meyer, Rm.3623
A. Kinkel, Rm. B-242A, GSA
Ellie
Murphy
DMA Field Team, Region II (2) w/c Commodity Members' comments and letters from Idaho Bur. of Mines & Geology

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

October 13, 1953

SUMMARY OF PROPOSED PROJECT

Docket No. DMEA-3070
Applicants: Julius L. Miller, Wendell Morse
Garden Valley, Idaho
Subject: Denial of application, before referral to Field Team.

Commodity: Mercury
Location of property: H. G. Claims Region II
Boise County, Idaho

Amount of application: $20,421.00
Date of application: May 4, 1953

Outline of project: Applicant proposes to explore three mercury-bearing veins in pre-Cambrian granitic rocks. The proposal involves trenching and underground exploration, but a 2-mile access road is needed before the work can be undertaken.

Commodity Members comments:

Bureau of Mines: Helena M. Meyer, dated June 29, 1953.
Applicant has supplied insufficient evidence that there is a possibility of finding mercury ores in his property to warrant having a Field Team investigation made. Recommends that the Applicant be requested to supply material, such as assay maps, indicating what reason there is to expect that a worthwhile addition to mercury oresreserves will be made.

Geological Survey: E. L. Newcomb, dated June 16, 1953.
Application material does not contain any evidence which justifies the proposed project. Unless the Applicant submits assay certificates or other suitable data which indicate his property has promise as a mercury prospect, recommends this application be denied without referral to the Field Team.

Comments of Idaho Bureau of Mines and Geology, University of Idaho, Moscow, Idaho, letter dated October 6, 1953.

"To the best of our knowledge, there are no economic deposits of mercury in the immediate vicinity of Garden Valley."

Rare & Misc. Metals Division Engineer: F. M. Murphy

Comments: Following receipt of USGS and USBM Commodity Members' comments on the application, a letter was sent to the Applicant on July 6, 1953, outlining the information which should be supplied to enable DMEA to judge the merits of this application. Since no response was made by the Applicant, a further letter was directed to the Applicant on September 1, 1953, allowing 30 days in which to supply the information. The Applicant's letter of September 14, 1953, was received, together with a sketch, a picture showing the location of the prospects, and a sample of rock and a little panning. This information was still inadequate; therefore, an inquiry was directed to the Idaho Bureau of Mines and Geology, University of Idaho, requesting the results if any of a proposed examination of the area by one of their geologists. Their reply stated that two samples were submitted to them by the Applicant. Only traces of cinnabar could be detected in either of the samples. Judging from the Bureau of Mines description, the sample sent to DMEA was similar to theirs. They had not made an examination of the property.

Ernest Wm. Ellis

Ernest Wm. Ellis

10/12/53 gla

IDAHO BUREAU OF MINES AND GEOLOGY
UNIVERSITY OF IDAHO
MOSCOW, IDAHO
OFFICE OF THE SECRETARY AND DIRECTOR

Oct. 6, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 9 1953

Mr. Ernest W. Ellis, Chief
Rare and Misc. Metals Division
U. S. Dept. of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Docket No. DMEA-3070 (Mercury)
H. G. Claims
Boise County, Idaho

Dear Mr. Ellis:

This is in reply to your letter of Oct. 2 to Mr. Fahrenwald, with reference to some samples from near Garden Valley that we examined for Mr. Julius Miller.

The first sample (#98) which we received in April, was forwarded to us through Mr. Geo. A. McDowell, Inspector of Mines. The second sample (#294) which was of essentially the same composition, was sent directly to us by Mr. Miller in September. Copies of the reports on both of these samples are being enclosed for your convenience.

As you will note in the reports, only traces of cinnabar could be detected in either of the samples, but since we had no information on how they were obtained or what they represented, it was thought that at least a reconnaissance examination of the occurrence would be in order. We have not, however, as yet had an opportunity to make such an examination. We regret that we can not send you more information on this but hope that the above reports will be of some help. To the best of our knowledge, there are no economic deposits of mercury in the immediate vicinity of Garden Valley.

Very truly yours,

Lewis S. Prater

L. S. Prater
Metallurgist

P:m

encl. 2

gb

IDAHO BUREAU OF MINES AND GEOLOGY
UNIVERSITY OF IDAHO
MOSCOW, IDAHO
OFFICE OF THE SECRETARY AND DIRECTOR

Oct. 6, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 9 1953

COPY

Mr. George A. McDowell
Inspector of Mines
State House
Boise, Idaho

Re: Sample No. 98

Dear Sir:

The material sent in by you has been examined by Mr. Lewis Prater, who reports as follows:

1) The sample from the Garden Valley area is a granitic rock that has some chert associated with it. This apparently carries a trace of cinnabar, but the amount is too small to give a positive test for mercury on the rock itself. However, we did detect a small amount of mercury in the small pieces that were enclosed separately in the envelope.

The rock is typical of known occurrences of cinnabar and the traces of color are indicative of it, although part of this color is due to iron. The specimen does not carry any commercial amounts of mercury, but since it is only surface material, the deposit should be investigated. I have called this to the attenti n of Dean Fahrenwald and, if possible, he will have a geologist from here look at it this summer.

2) The other sample is calcite. It is a fairly good specimen of the mineral but would have no particular commercial value. It is not of a quality that could be used for optical purposes.

The Idaho Bureau of Mines and Geology, in cooperation with the School of Mines, maintains a free service for the identification of mineral samples sent in by residents of the state, and the above report is being sent to you as a part of that service.

Neither the Bureau nor the School is in a position to do commercial assaying. We advise that quantitative chemical analyses be entrusted to reputable firms who specialize in such work.

Unless word is received from you, the material will be destroyed within a reasonable length of time.

Very truly yours,

A. W. FAHRENWALD
Director

F:m

IDAHO BUREAU OF MINES AND GEOLOGY

UNIVERSITY OF IDAHO

/C O P Y/

Office of the Secretary
and Director

MOSCOW, IDAHO Oct. 6, 1953

Mr. George A. McDowell
Inspector of Mines
State House
Boise, Idaho

Re: Sample No. 98

Dear Sir:

The material sent in by you has been examined by Mr. Lewis Prater, who reports as follows:

1. The sample from the Garden Valley area is a granitic rock that has some chert associated with it. This apparently carries a trace of cinnabar, but the amount is too small to give a positive test for mercury on the rock itself. However, we did detect a small amount of mercury in the small pieces that were enclosed separately in the envelope/

The rock is typical of known occurrences of cinnabar and the traces of color are indicative of it, although part of this color is due to iron. The specimen does not carry any commercial amounts of mercury, but since it is only surface material, the deposit should be investigated. I have called this to the attention of Dean Fahrenwald and, if possible, he will have a geologist from here look at it this summer.

2. The other sample is calcite. It is a fairly good specimen of the mineral but would have no particular commercial value. It is not of a quality that could be used for optical purposes.

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Neither the Bureau nor the School is in a position to do commercial assaying. We advise that quantitative chemical analyses be entrusted to reputable firms who specialize in such work.

Unless work is received from you, the material will be destroyed within a reasonable length of time.

Very truly yours,

/s/ A. W. FAHRENWALD
Director

IDAHO BUREAU OF MINES AND GEOLOGY
UNIVERSITY OF IDAHO
MOSCOW, IDAHO
OFFICE OF THE SECRETARY AND DIRECTOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 9 1953

COPY

Sept. 19, 1953

Mr. Julius Miller
Garden Valley
Idaho

Re: Sample No. 294

Dear Sir:

The material sent in by you has been examined by Mr. Lewis Prater, who reports as follows:

Your sample is a granitic rock that has been quite badly decomposed by weathering. It consists mainly of altered feldspars, mica and quartz.

A small amount of cinnabar can be panned out of it, as you have indicated. An assay would be required to determine the percentage composition, but there hardly appears to be enough cinnabar in this particular specimen to be of economic significance. Nothing else of commercial value was observed in the sample.

We are enclosing a copy of our report on sample No. 98, as you have requested. It will not be possible, however, to have a geologist from here examine the deposit this fall, but we will keep your request on file.

The Idaho Bureau of Mines and Geology, in cooperation with the School of Mines, maintains a free service for the identification of mineral samples sent in by residents of the state, and the above report is being sent to you as a part of that service.

Neither the Bureau nor the School is in a position to do commercial assaying. We advise that quantitative chemical analyses be entrusted to reputable firms who specialize in such work.

Unless word is received from you, the material will be destroyed within a reasonable length of time.

Very truly yours,

A. W. FAHRENWALD
Director

F:m

Garden Valley, Idaho.
September 14, 1953.

/ C O P Y /

Defense Minerals Exploration Administration,
Washington, D. C.

Dear Sirs:

Re Docket No. DMEA-3070,
Mercury H. G. Claim,
Boise County, Idaho.

I am very sorry there has been so long a delay in answering your letter of July 6 asking for more information and sketch.

I submit the following requirements as best I can.

Under separate cover, I am sending a small sample of rock and a little panning to help give you somewhat of an idea as to the nature of ore.

This is panned directly from altered granite?

The cinnabar is found dissiminated all through the granite in the altered zone and not in seams in rock, while many times cinnabar can be seen enclosed in quartz grains, we have found no quartz veins carrying more cinnabar than the granite.

This being the case, I have found no float as the material carrying the cinnabar so readily disintegrates the cinnabar crystals are freed and carried down the ravines in the creeks. These veins were found by panning the creek gravels and tracing to the vein outcrop.

I have had no assays on this material as it would be hard to get a representative sample ore from the exploration work done so far. A poor sample might contain 1 to 1-½ lbs. of mercury while possibly a picked sample may run 10 to 15 lbs. Subsequent to making application for the loan, I found the area where traces can be found to be at least three miles wide by twelve miles long. I have found cinnabar in places in 8 different locations in this area. It seems this cinnabar bearing material is a capping over the spring or source. About 5 miles north east of the H. G. Claims I have located two additional claims with very good traces of cinnabar.

I would like very much to have the U. S. Bureau of Mines have a geologist experienced in granite cinnabar deposits examine the area.

About 3 miles south of my H. G. Claims, another party has located claims with ore running as high as 400 lbs per ton. I feel since there is such wide spread occurrence of cinnabar in this locality, there is very good reason to believe if properly explored and developed, it could be a good mercury producing area.

/COPY/

The sketch shows the drifting or sinking which would be necessary to follow the vein of cinnabar bearing material. 600 feet of such work is necessary to explore for commercial grade ore, approximately 200 feet on each claim.

These veins or outcroppings are very consistant and continuous as they have been traced 400 feet in the #1 claim, 600 feet in the #3 claim and 300 feet in the #5 claim and possibly could be traced much further in each one.

Number 2 and 4 claims also have outcroppings in places but are not included in loan application. Part of exploration work would be stripping and uncovering veins with bulldozer from South Boundary Line of #5 to North Boundary of #3.

This would be a very good concentrating ore and seems to be a very large body and it is easily accessable. A low grade ore would be commercial if the body were large enough, exploration would prove.

I am enclosing a report of the Idaho Bureau of Mines ore sample from the H. G. Claims and hope it may be of help.

I have not had assays made because the sampling does not cover the area, however, if you wish, I will have some samples assayed.

Hoping this information is complete enough, I remain

Very truly yours,

Julius L. Miller and Wendell Morse

by: /s/ Julius L. Miller
Julius L. Miller

FILE COPY
SURNAME:

Murphy
Ellis
R. J. Thomson

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

OCT - 2 1953

Mr. A. W. Fahrenwald, Director
Idaho Bureau of Mines and Geology
University of Idaho
Moscow, Idaho

Re: Docket No. DMEA-3070 (Mercury)
R. C. Clinton
Boise County, Idaho

Dear Mr. Fahrenwald:

We have received an application from Mr. Julius Miller and Mr. Kendall Jones, a partnership, requesting Government assistance in exploring their property for mercury ores. Their property is located in Boise County in Sections 28 and 29, T.-9-N., R.-4-E., Boise Base and Meridian.

Mr. Miller has recently forwarded to our Agency a copy of a letter written by you to Mr. George A. McDowell, Director of Mines, concerning "Sample No. 98" from the Garden Valley Area. We presume this sample was taken from Mr. Miller's claims. The copy of your letter forwarded to us carried two dates, April 23 and September 19, 1953.

We note in this letter that you were considering the possibility of sending one of your geologists to examine the area from which this sample was taken. If this examination has been made, we would appreciate any information you may have on the area concerning the geology, the type of veins exposed, and results from any samples taken. We would also appreciate your advising us whether there are any producing mercury mines in the Garden Valley area.

Sincerely yours,

SIGNED
Ernest W. Ellis, Chief
Rare and Misc. Metals Division

EWEllis/db
10-1-53
cc to: Adm. Reading File
Docket
Messrs: H. M. Meyer, Rm. 3623
A. R. Kinkel, Rm. B-2h21, CBA
Ellis
DMEA Field Team, Region II (2)

R.C.G.
10-2-53

9/24/53 gla

Garden Valley, Idaho.
September 14, 1953.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 24 1953

Defense Minerals Exploration Administration,
Washington, D. C.

Dear Sirs:

Re Docket No. DMEA-3070,
Mercury H G Claim,
Boise County, Idaho.

I am very sorry there has been so long a delay in answering your letter of July 6 asking for more information and sketch.

I submit the following requirements as best I can.

I am enclosing a sketch as requested and also a picture of the mountain showing location of prospects.

Under separate cover, I am sending a small sample of rock and a little panning to help give you somewhat of an idea as to the nature of ore.

This is panned directly from altered granite?

The cinnabar is found dissiminated all through the granite in the altered zone and not in seams in rock, while many times cinnabar can be seen ~~w~~ enclosed in quartz grains ~~enclosed~~, we have found no quartz veins carrying more cinnabar than the granite.

This being the case, I have found no float as the material carrying the cinnabar so readily disintegrates the cinnabar crystals are freed and carried down the ravines in the creeks. These veins were found by panning the creek gravels and tracing to the vein outcrop.

I have had no assays on this material as it would be hard to get a representative sample ore from the exploration work done so far. A poor sample might contain 1 to 1 1/2 lbs of mercury while possibly a picked sample may run 10 to 15 lbs. Subsequent to making application for the loan, I found the area where traces can be found to be at least three miles wide by twelve miles long. I have found cinnabar in places in 8 different locations in this area. It seems this cinnabar bearing material is a capping over the spring or source. About 5 miles north east of the H. G. claims I have located two additional claims with very good traces of cinnabar.

I would like very much to have the U. S. Bureau of Mines have a geologist experienced in granite cinnabar deposits examine the area.

About 3 miles south of my H. G. Claims, another party has located claims with ore running as high as 400 lbs per ton. I feel since there is such wide spread occurrence of cinnabar in this locality, there is very good reason to believe if properly explored and developed, it could be a good mercury producing area.

The sketch shows the drifting or sinking which would be necessary to follow the vein of cinnabar bearing material. 600 feet of such work is necessary to explore for commercial grade ore, approximately 200 feet on each claim.

These veins or outcroppings are very consistant and continuous as they have been traced 400 feet in the #1 claim, 600 feet in the #3 claim and 300 feet in the #5 claim and possibly could be traced much further in each one.

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I am enclosing a report of the Idaho Bureau of Mines.ore sample from the H. G. Claims and hope it may be of help.

I have not had assays made because the sampling does not cover the area, however, if you wish, I will have some samples assayed.

Hoping this information is complete enough, I remain

Very truly yours,

Julius L. Miller and Wendell Morse

By Julius L. Miller
Julius L. Miller.

C O P Y

IDAHO BUREAU OF MINES AND GEOLOGY

UNIVERSITY OF IDAHO
MOSCOW, IDAHO

OFFICE OF THE SECRETARY AND DIRECTOR

April 23, 1953
September 19, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 24 1953

Mr. George A. McDowell
Inspector of Mines
State House
Boise, Idaho

Re: Sample No. 98

Dear Sir:

The material sent in by you has been examined by Mr. Lewis Prater, who reports as follows:

1. The sample from the Garden Valley area is a granitic rock that has some chert associated with it. This apparently carries a trace of cinnabar, but the amount is too small to give a positive test for mercury on the rock itself. However, we did detect a small amount of mercury in the small pieces that were enclosed separately in the envelope.

The rock is typical of known occurrences of cinnabar and the traces of color are indicative of it, although part of this color is due to iron. The specimen does not carry any commercial amounts of mercury, but since it is only surface material, the deposit should be investigated. I have called this to the attention of Dean Fahrenwald and, if possible, he will have a geologist from here look at it this summer.

2. The other sample is calcite. It is a fairly good specimen of the mineral but would have no particular commercial value. It is not of a quality that could be used for optical purposes.

The Idaho Bureau of Mines and Geology, in cooperation with the School of Mines, maintains a free service for the identification of mineral samples sent in by residents of the state, and the above report is being sent to you as a part of that service.

Neither the Bureau nor the School is in a position to do commercial assaying. We advise that quantitative chemical analyses be entrusted to reputable firms who specialize in such work.

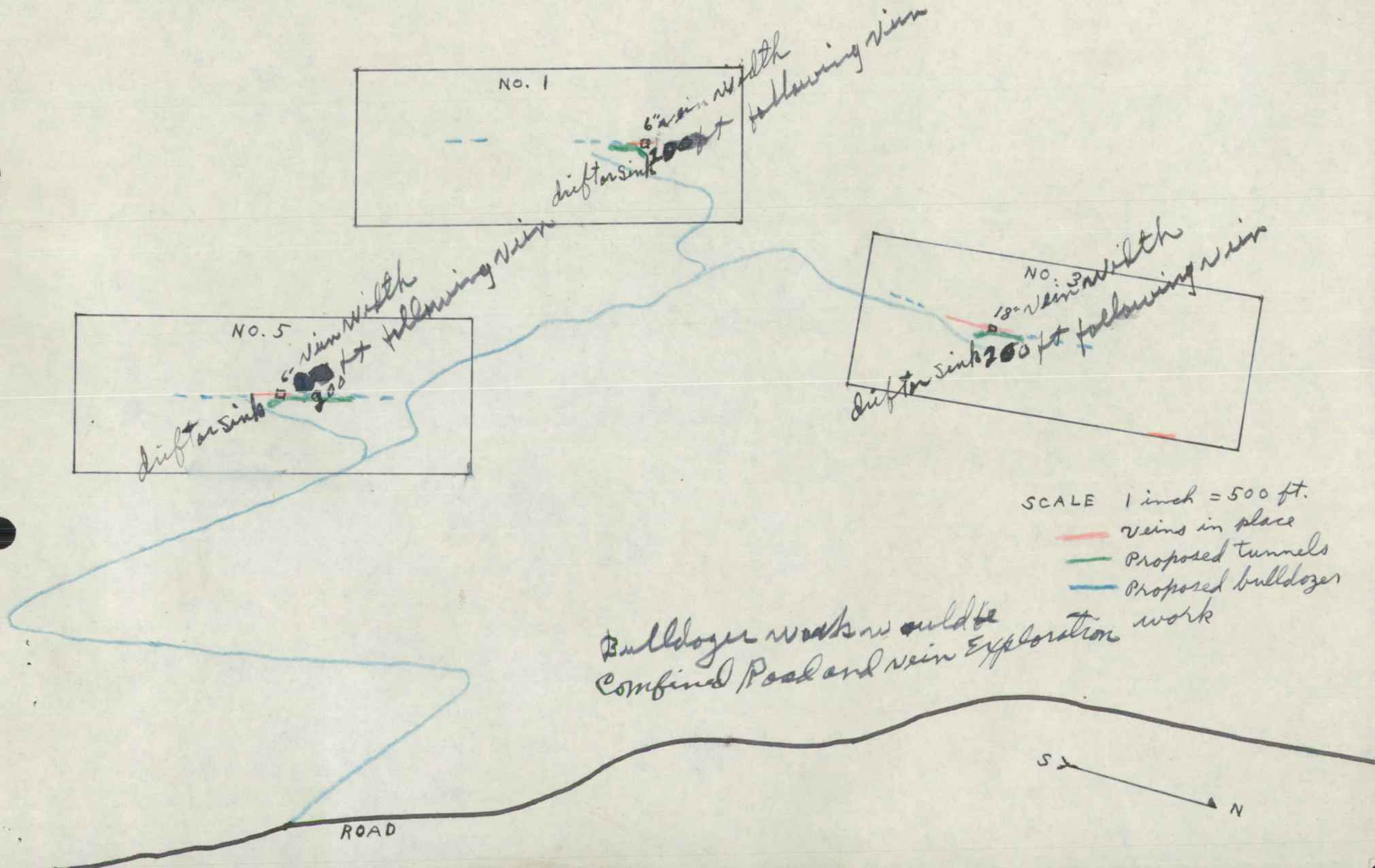
Unless word is received from you, the material will be destroyed within a reasonable length of time.

Very truly yours,

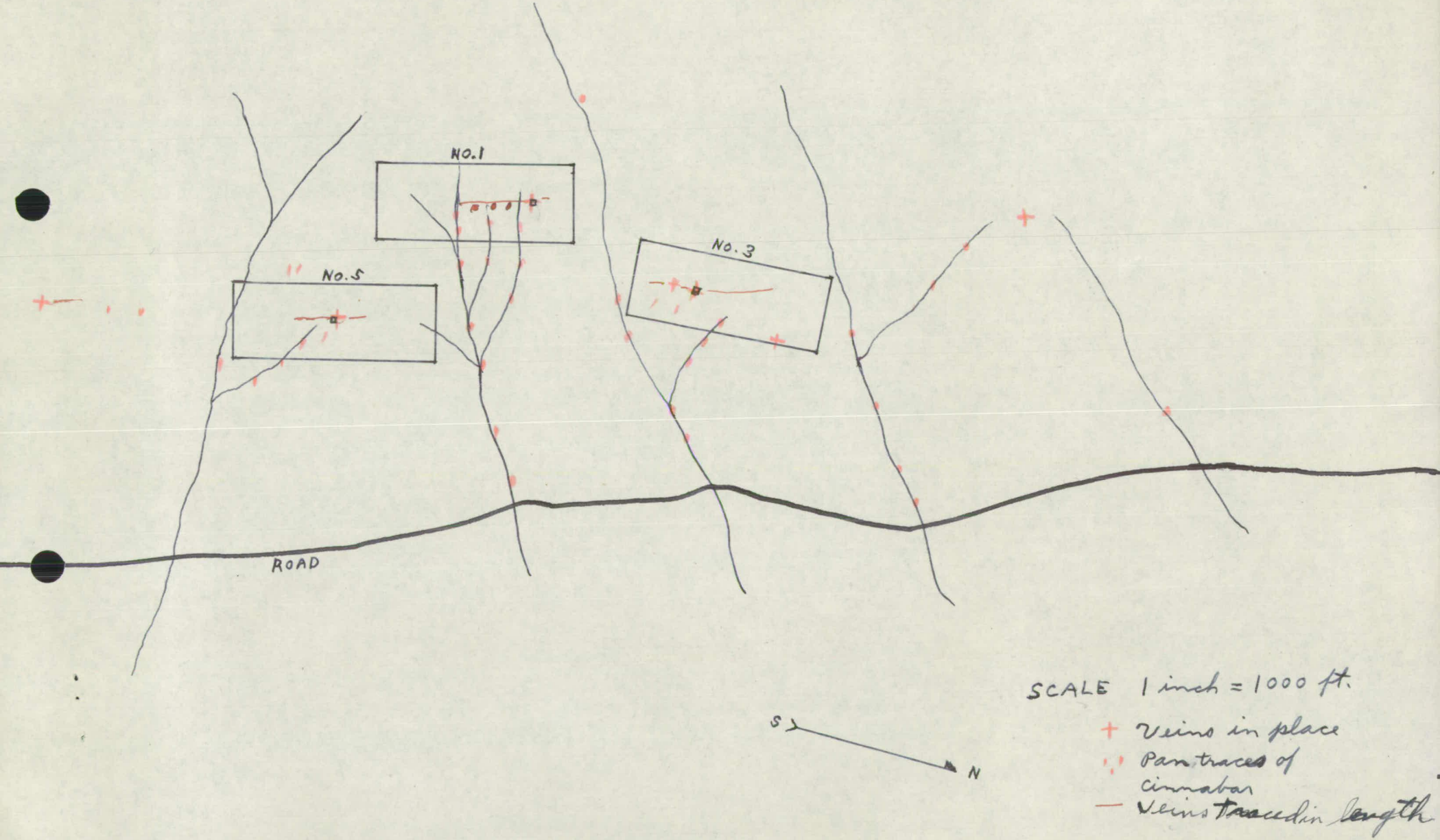
A. W. FAHRENWALD
Director

F:m

HG CLAIMS


NO. 1
6" vein width
drift or sink 200 ft following vein
NO. 5
6" vein width
drift or sink 200 ft following vein
NO. 3
18" vein width
drift or sink 200 ft following vein
SCALE 1 inch = 500 ft.
veins in place
Proposed tunnels
Proposed bulldozer work
Bulldozer work would be combined Road and vein Exploration work
ROAD
S
N

HG CLAIMS


NO.1
NO.3
NO.5
ROAD
S
N
SCALE 1 inch = 1000 ft.
+ Veins in place
Pan traces of cinnabar
— Veins traced in length

FILE COPY
SURNAME:

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

SEP 1 1953

Messrs. Julius L. Miller
and Wendell Moore
Garden Valley, Idaho

Re: Docket No. DMEA-3070 (Mercury)
M. G. Clarke
Boise County, Idaho

Gentlemen:

A review of your application of May 4, 1953, for an exploration contract in the amount of $20,421.00, reveals that a letter was sent you on July 6, 1953, requesting certain information which would enable this Agency to process the captioned application.

Inasmuch as we have received no reply, we assume that you no longer desire to proceed with the application. We wish to cooperate with you and allow ample time to collect and prepare the requested information, but if these data have not been received by September 30, 1953, we will then consider the docket closed.

Sincerely yours,

SIGNED

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

FLKnoope/gla/3b
8-31-53
cc to: Adm. Reading File
Docket
Messrs: H. N. Mayer, Rm. 3623
A.R.Winkel, Rm. B-242A, OEA
Ellis
Knoope
DMEA Field Team, Region XI (2)

FILE COPY
SURNAME:
Docket
FLKnouse
Ellis

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

Messrs. Julius L. Miller and
Wendell Morse
Garden Valley, Idaho

JUL 6 1953

Re: Docket No. DMEA-3070 (Mercury)
R. G. Claims
Boise County, Idaho

Gentlemen:

This is with reference to the captioned application now being processed by this Agency for Government exploration aid. Before continuing with the processing of your application, we will require the following information:

1. In your application you state that three (3) fissure veins occur on the properties in Pre-Cambrian granite with vein fillings consistently impregnated with fine grained cinnabar, and that vein No. 1 is 6 to 8 inches wide, vein No. 2 - 2 feet wide, and vein No. 3 - 6 feet or more in width. Will you kindly furnish a claim map or a sketch drawn to scale, showing the locations of these veins in relation to the claim lines. Also show on the sketch, each exposure where mineralization occurs, and state the mercury content found in the exposure in terms of percentage, or pounds per ton, and the width of the exposure. Show on the sketch or map the approximate location where float ore was found and state the mercury contents. If possible, state the approximate quantity of float ore you have found. All assays should be supported by assay certificates.

2. On the map or sketch, show the work you propose to do which you believe is justified.

As soon as we receive this information we will continue to process your application.

Sincerely yours,

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

MDL
7-6-53

EWEllis/FLKnouse/db
7-3-53
cc to: adm. Reading File
Docket
Messrs: H.M.Myer, Rm. 1623
A.R.Kinical, Rm. B-2,2A, GSA
Ellis
Knouse
DMEA Field Team, Region II (2)

7/2/53 gla

Garden Valley, Idaho
June 29, 1953

United States Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
- 1 1953

Dear Sirs:

Am writing in regard to my application for DMEA loan, Docket Number DMEA-3070.

I was informed by the Spokane Office of DMEA in a letter dated June 23, 1953, that they had not heard from you as to the status of my application but assumed that it was still being processed.

If I can expedite matters by explaining any statement made in my application or giving any additional information, I will be glad to do so at any time.

Yours very truly

Julius L. Miller

Julius L Miller

6/29/53 gr

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

DMEA-3070

June 23, 1953

Mr. Julius Miller
Garden Valley,
Idaho

Dear Mr. Miller:

Your letter of June 15 has been handed to me for answer.

During April of this year the Defense Minerals Exploration Administration restricted the acceptance of applications of a number of minerals including among which was mercury. All applications that were not signed contracts as of April 15, 1953, were to be denied. At a later date, DMEA rescinded this order and stated that they would continue accepting applications up until May 15, 1953.

Your application for a cinnabar contract, dated May 4, 1953, should be considered as acceptable by DMEA. We forwarded this application to Washington for further consideration but have not received any recent information as to the status of your application. If your application is still being processed, as we assume it is, it may be necessary to make a field examination of your property. Such an examination, however, will be made only upon orders from Washington, D. C.

If we may be of further service, please advise.

Sincerely yours,

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

cc: USBM (2)
DMEA (2)
Puffett

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

So. 157 Howard Street
Spokane 4, Washington

June 23, 1953

Mr. Julius Miller
Garden Valley,
Idaho

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Your letter of June 15 has been handed to me for answer.

During April of this year the Defense Minerals Exploration Administration restricted the acceptance of applications of a number of minerals including among which was mercury. All applications that were not signed contracts as of April 15, 1953, were to be denied. At a later date, DMEA rescinded this order and stated that they would continue accepting applications up until May 15, 1953.

Your application for a number contract, dated May 4, 1953, should be considered as acceptable by DMEA. We forwarded this application to Washington for further consideration but have not received any recent information as to the status of your application. If your application is still being processed, as we assume it is, it may be necessary to make a field examination of your property. Such an examination, however, will be made only upon orders from Washington, D. C.

If we may be of further service, please advise.

Sincerely yours,

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

cc: USBM (2)
DMEA (2)
Puffett

6/30/53 gla

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

June 29, 1953

Memorandum

To: E. W. Ellis

From: Helena M. Meyer

Subject: DMEA Docket 3070, Julius L. Miller, Garden Valley, Idaho, Exploration Loan $20,421

I have read the subject application and the comments of E. L. Newcomb of the Geological Survey thereon, and agree that the applicant has supplied insufficient evidence that there is a possibility of finding mercury ores in his property to warrant having a field team investigation made. The applicant should be asked to supply material, such as assay maps, indicating what reason there is to expect that a worthwhile addition to mercury ore reserves will be made. Without such additional information it is not possible to recommend a loan or even that a field team examination be made.

Helena M. Meyer

Helena M. Meyer

Copy to: Minerals Division
Base Metals Branch
H. M. Meyer
Files
A. R. Kinkle, Jr. Rm. 4234, GSA Building

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

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Copy to: Minerals Division
Base Metals Branch
H. M. Meyer
Files
A. R. Kinkle, Jr. Rm. 4234, GSA Building

6/16/53 gl

IN REPLY REFER TO:

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

June 16, 1953

Memorandum

Re: DMEA-3070
Miller Claims
Boise County, Idaho
$20,421
Mercury

To: Mr. E. Wm. Ellis

From: E. L. Newcomb

Subject: Review of application

The applicant requests assistance to explore three mercury-bearing veins in pre-Cambrian granitic rocks. The proposal involves trenching and underground exploration, but a 2 mile access road is needed before the work can be undertaken.

The application material does not contain any evidence which justifies the proposed project.

We do not have any information on the Miller claims nor any record of mercury occurrences in Boise County. Before a field team examination can be justified, we will need more substantiating data from the applicant. A number of assays of representative material across the veins would serve to indicate whether a field examination is warranted.

Unless the applicant submits assay certificates or other suitable data which indicate his property has promise as a mercury prospect, I recommend his application be denied without referring it to the field team.

E. L. Newcomb

E. L. Newcomb
Geologist

IN REPLY REFER TO:

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

June 16, 1953

Memorandum

To: Mr. [illegible] Ellis

From: [illegible]. L. Newcomb

Subject: Review of application

Re: [illegible]MFA-3070
Miller Claims
Boise County, Idaho
[illegible]20,421
Mercury

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[illegible]. L. Newcomb
Geologist

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

June 16, 1953

Memorandum

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Miller Claims
Boise County, Idaho
$20,421
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E. L. Newcomb
Geologist

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

June 10, 1953

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 -3070 - Miller, Julius L., & Morse, Wendell

ROBERT E. ADAMS

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

38226

June 10, 1953

Mr. Julius L. Miller
Garden Valley,
Idaho

Subject: DMEA-3070
Re: Exploration Assistance
H G Claims

My dear Mr. Miller:

The receipt of your application dated May 4, 1953, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3070 and referred to the Rare and Miscellaneous METALS Division.

Kindly refer to DMEA-3070 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, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

June 3, 1953

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

Re: New application (mercury)
Julius Miller-Wendell Morse, partners
Garden Valley, Idaho

Dear Mr. Selfridge:

Enclosed please find three copies of an application (received in this office May 7) by Julius Miller and Wendell Morse, partners, both of Garden Valley, Idaho, for assistance in a project to explore for cinnabar near Garden Valley, Idaho. It is to be noted that only Mr. Miller signed the application.

Mr. Miller states that he has found cinnabar over a wide area as a result of panning but as yet has not found what he considers to be a commercial deposit of cinnabar. The proposed project is very general; it includes the usual surface trenching to be followed by underground work. Little can be inferred regarding the feasibility of the proposal without an examination by field men.

We are not scheduling an examination of this property unless the Operating Committee requests us to do so.

Yours very truly,

Harold Kirkemo

Harold Kirkemo
Acting Executive Officer
DMEA Field Team, Region II

Enclosure
cc: USBM (2)
Puffett

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

June 3, 1953

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Yours very truly,

Harold Kirkemo
Acting Executive Officer
DMEA Field Team, Region II

Enclosure
cc: USBM (2)
Puffett

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
MAY 1953
U. S. C.
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. 3070
Metal or Mineral
Date Received 6/8/53
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: Julius L. Miller, Garden Valley, Idaho

Partner (1/4 interest) Wendell Morse, Garden Valley, 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 3 unpatented lode mining claims lying in E 1/2 of E 1/2 of Section 29 and SW 1/4 of Section 28 and N 1/2 of N 1/2 of Section 33, all in T9R4E BM, in Boise County, Idaho

(*b*) State any mine name by which the property is known. H G Claims

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise owner

(*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 none

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. H G No.1--page 92, H G No.3--page 93, H G No.5--page 94 in Book 30 Quartz Locations, Boise County

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 enclosed sheet No.1

(*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.

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

(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. See enclosed sheet No. 1

(c) The work will start within 14 days and be completed within 24 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 encl. sheet No. 1

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: See No. 2

(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)? Yes

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

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

Explain in detail on acompanying paper. See enclosed sheet No. 3

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 4th, 1953

Julius L. Miller
(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

Julius L. Miller
Garden Valley, Idaho

4. Physical description.--(a) Location work and a little surface digging only.
(b) No production.
(c) Three fissure veins in Precambrian granite, with vein fillings quite consistently impregnated with fine grains of cinnabar. *
(d) About four miles from Garden Valley Store, fifteen miles from railroad at Banks. Road within 1/2 mile. Nearest residence 1 1/2 miles.
(e) Sufficient manpower, materials, equipment available. Sufficient water on property. Power line about one mile away.

5. The exploration project.--(a) Cinnabar.
(b) 1. Building of about 2 miles of access road, about one mile from existing road to property and one mile on property.
2. Surface exploration with bulldozer on three veins to determine best showing for underground exploration.
3. About 600 feet exploration underground, apportioned according to showing obtained. Not less than 100 feet on vein at one place, in not more than three places.
4. Construction of building for shop, compressor room, etc..
(c) Work to start within 14 days and be completed within 24 months.
(d) Mr. Miller, who will be in charge of road building and surface work, has had more than ten years experience operating bulldozers and operating cats in logging in this vicinity and elsewhere.

Mr. Morse, who will be in charge of underground operations, has had twenty years experience in underground mining and in ore milling. Spent several years as miner in Belshazzar, Coneback and other mines in Boise Basin area. Worked as miner in Deadwood Mine (Idaho) 1940-1943 and as timberman at Star Mine at Burke, Idaho 1943-1945. Was lessee of Lone Pine Mine at Golden, Idaho 1945-1951, in charge of all operations, including mine, mill and hydroelectric plant.

* Purpose of exploration--to determine whether there is an orebody of comercial value on this property.

Ju[illegible]s L. Miller
Garden Valley, Idaho

6. Estimate of costs.

(a) Independent contracts--none.

(b) Labor, supervision, consultants.

1. Dozer operator @ $2.00 per hour	$ 720.00	
2. Miners @ $2.00 per hour	3,200.00	
3. Muckers @ $1.80 per hour	3,040.00	
4. Surface laborers @ $1.75 per hour	2,800.00	
5. Geological consultants	100.00	
		$9,860.00

(c) Operating materials and supplies.

1. Mine timbers	$2,360.00	
2. Lumber	60.00	
3. Powder, caps and fuse	825.00	
4. Mine rails	180.00	
5. Nails and spikes	50.00	
6. Air pipe and fittings	250.00	
7. Muck sheets	15.00	
8. Water hose	7.00	
9. Pressure tank	30.00	
10. Air hose	50.00	
11. Drill steel	50.00	
12. Rock bits	200.00	
13. Picks and shovels	65.00	
14. Axes, saws and framing tools	22.50	
15. Wrenches	20.00	
16. Dies, etc.	35.00	
17. Misc. tools	35.00	
18. Blower (forge)	15.00	
19. Anvil	12.00	
20. Grinder, with bit wheel	40.00	
21. Vise (comb.)	50.00	
22. Post drill	22.00	
23. Fuel	1,100.00	
24. Lubricants	82.25	
		$5,581.75

(d) Operating equipment.

1. Compressor	$1,000.00	
2. Rock drill	350.00	
3. Ore car	75.00	
4. Rental D8 bulldozer	1,125.00	
5. Rental 30 bulldozer	240.00	
		$2,790.00

(e) Rehabilitation and repairs--none.

(f) New buildings, improvements, installations.

1. Shop and compressor room	$150.00	
		$ 150.00

(g) Miscellaneous.

1. Repair and maintenance bulldozers	$ 180.00	
2. Repair and maintenance compressor & drill	150.00	
3. Workmen's comp., old age & unemploy. ins.	1,109.25	
		$1,439.25

(h) Contingencies $600.00 $ 600.00

Total $20,421.00

Julius L. Miller
Garden Valley, Idaho

7. (b) We propose to furnish our share of the costs of this exploration project mainly in labor and supervision.

We have a sawmill and complete logging equipment and plan to furnish all mine timbers and lumber.

We can furnish a few of the lesser items of equipment and a limited amount of money when needed for equipment, supplies, etc..

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
MAY 7 1953
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. 3070
Metal or Mineral
Date Received 6/8/53
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: Julius L. Miller, Garden Valley, Idaho

Partner (1/4 interest) Wendell Morse, Garden Valley, 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 3 unpatented lode mining claims lying in E 1/2 of E 1/2 of Section 29 and SW 1/4 of Section 28 and N 1/2 of N 1/2 of Section 33, all in T9R4E BM, in Boise County, Idaho

(*b*) State any mine name by which the property is known. H G Claims

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise owner

(*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 none

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. H G No.1--page 92, H G No.3--page 93, H G No.5--page 94 in Book 30 Quartz Locations, Boise County

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 enclosed sheet No.1

(*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.

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

(*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. See enclosed sheet No. 1

(*c*) The work will start within 14 days and be completed within 24 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 encl. sheet No. 1

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: See No. 2

(*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.).

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(*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)? Yes

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

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

Explain in detail on acompanying paper. See enclosed sheet No. 3

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 4th, 1953

Julius L Miller
(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

1½ Miles to Heavy Volcanic action

West

1½ miles surveyed distance

South

East

over

● = Vein or cinnabar bearing material in place.

X = Traces of cinnabar.

_____ = Distance cinnabar bearing material can be traced or has been traced at present time.

Veins
no 1 has 2 veins 6 to 8 inches wide
no 3 has 1 vein 2 ft wide
no 5 has 1 vein 6 or more ft wide

DMEA 3070

Julius L. Miller
Garden Valley, Idaho

4. Physical description.--(a) Location work and a little surface digging only.
(b) No production.
(c) Three fissure veins in Precambrian granite, with vein fillings quite consistently impregnated with fine grains of cinnabar. *
(d) About four miles from Garden Valley Store, fifteen miles from railroad at Banks. Road within 1/2 mile. Nearest residence 1 1/2 miles.
(e) Sufficient manpower, materials, equipment available. Sufficient water on property. Power line about one mile away.

5. The exploration project.--(a) Cinnabar.
(b) 1. Building of about 2 miles of access road, about one mile from existing road to property and one mile on property.
2. Surface exploration with bulldozer on three veins to determine best showing for underground exploration.
3. About 600 feet exploration underground, apportioned according to showing obtained. Not less than 100 feet on vein at one place, in not more than three places.
4. Construction of building for shop, compressor room, etc.,
(c) Work to start within 14 days and be completed within 24 months.
(d) Mr. Miller, who will be in charge of road building and surface work, has had more than ten years experience operating bulldozers and operating cats in logging in this vicinity and elsewhere.

Mr. Horse, who will be in charge of underground operations, has had twenty years experience in underground mining and in ore milling. Spent several years as miner in Belshazzar, Comeback and other mines in Boise Basin area. Worked as miner in Deadwood Mine (Idaho) 1942-1943 and as timberman at Star Mine at Burke, Idaho 1943-1945. Was lessee of Lone Pine Mine at Golden, Idaho 1945-1951, in charge of all operations, including mine, mill and hydroelectric plant.

* Purpose of exploration--to determine whether there is an orebody of comercial value on this property.

Julius L. Miller
Garden Valley, Idaho

6. Estimate of costs.

(a) Independent contracts--none.

(b) Labor, supervision, consultants.

1. Dozer operator @ $2.00 per hour	$ 720.00	
2. Miners @ $2.00 per hour	3,200.00	
3. Muckers @ $1.90 per hour	3,040.00	
4. Surface laborers @ $1.75 per hour	2,800.00	
5. Geological consultants	100.00	
		$9,860.00

(c) Operating materials and supplies.

1. Mine timbers	$2,360.00	
2. Lumber	60.00	
3. Powder, caps and fuse	825.00	
4. Mine rails	180.00	
5. Nails and spikes	50.00	
6. Air pipe and fittings	250.00	
7. Muck sheets	15.00	
8. Water hose	7.00	
9. Pressure tank	30.00	
10. Air hose	50.00	
11. Drill steel	50.00	
12. Rock bits	200.00	
13. Picks and shovels	65.00	
14. Axes, saws and framing tools	22.50	
15. Wrenches	20.00	
16. Dies, etc.	35.00	
17. Misc. tools	35.00	
18. Blower (forge)	15.00	
19. Anvil	12.00	
20. Grinder, with bit wheel	40.00	
21. Vise (comb.)	50.00	
22. Post drill	22.00	
23. Fuel	1,100.00	
24. Lubricants	82.25	
		$5,581.75

(d) Operating equipment.

1. Compressor	$1,000.00	
2. Rock drill	350.00	
3. Ore car	75.00	
4. Rental D8 bulldozer	1,125.00	
5. Rental 30 bulldozer	240.00	
		$2,790.00

(e) Rehabilitation and repairs--none.

(f) New buildings, improvements, installations.

1. Shop and compressor room	$150.00	
		$ 150.00

(g) Miscellaneous.

1. Repair and maintenance bulldozers	$ 180.00	
2. Repair and maintenance compressor & drill	150.00	
3. Workmen's comp., old age & unemploy. ins.	1,109.25	
		$1,439.25

(h) Contingencies $600.00 $ 600.00

Total $20,421.00

Julius L. Miller
Garden Valley, Idaho

7. (b) We propose to furnish our share of the costs of this exploration project mainly in labor and supervision.

We have a sawmill and complete logging equipment and plan to furnish all mine timbers and lumber.

We can furnish a few of the lesser items of equipment and a limited amount of money when needed for equipment, supplies, etc..

1½ miles heavy volcanic activity west

1½ miles surveyed distance

south

East

over

⊙ = Vein or cinnabar bearing material in place.

X = Traces of cinnabar.

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veins:
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DMEA 3070

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
MAY 7 1953
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. 3070
Metal or Mineral
Date Received 6/8/53
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: Julius L. Miller, Garden Valley, Idaho

Partner (1/4 interest) Wendell Morse, Garden Valley, 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 3 unpatented lode mining claims lying in E 1/2 of E 1/2 of Section 29 and SW 1/4 of Section 28 and N 1/2 of N 1/2 of Section 33, all in T9R4E BM, in Boise County, Idaho

(*b*) State any mine name by which the property is known. H G Claims

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise owner

(*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 none

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. H G No.1--page 92, H G No.3--page 93, H G No.5--page 94 in Book 30 Quartz Locations, Boise County

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 enclosed sheet No.1

(*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.

5. *The exploration proje*[redacted] (*a*) State the mineral or minerals for whic[redacted] wish to explore Cinnabar

(*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. See enclosed sheet No.1

(*c*) The work will start within 14 days and be completed within 24 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 encl. sheet No.1

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. See No.2

(*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)? Yes

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

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

Explain in detail on acompanying paper. See enclosed sheet No.3

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 4th, 1953

Julius L Miller
(Applicant)

By

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23. Fuel	1,100.00	
24. Lubricants	88.25	
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(d) Operating equipment.

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1 1/2 Miles surveyed distance

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over

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