DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

## CONTROLLED DOCUMENT

DMA Docket No. 3242

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## DO NOT DETACH

## CONTROLLED DOCUMENT

3242

Transferred to

Base Motor

at

Operator's request

ZGR.
5-10-54

APR 2 6 1954

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA 3242 -
Tungsten, Lead, etc.
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

This will acknowledge receipt of your letter of April 13, 1954, which asks if we will consider your above-referenced application for exploration assistance for lead. We have also received a copy of the Field Team's letter to you of April 13, 1954, advising you that lead is now eligible for such assistance. Silver, however, is not included with the strategic or critical metals and is not eligible for exploration aid.

The Field Team's letter, in effect, offers to assist you in the preparation of the supplemental data required to process your application. You should, therefore, furnish Mr. Weissenborn, Executive Officer, DMEA Field Team, Region II, South 157 Howard Street, Spokane 4, Washington, with the sort of data for lead that we requested for tungsten in our letter of January 26, 1954. To expedite consideration of your request, you should send three copies of the same information to our Washington, D. C., office.

Sincerely yours,

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Code 400
Code 500
Field Team, Reg. 2
Adm. Read. File
R. W. Geehan, USBM
T. P. Thayer, USGS

FARutledge/ls
4/23/54

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

April 26, 1954

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

Re: Docket No. DMEA-3242
Diamond Placer
Deer Lodge County, Montana

Dear Mr. Selfridge:

Enclosed is a copy of a letter from Mr. R. E. DeKay which was written in answer to a letter from this office dated April 13, 1954.

Mr. DeKay states that he wishes his property to be considered as a lead-zinc producer and not for tungsten.

It is noted that Mr. DeKay wrote Mr. Martin on April 13 and probably submitted to him the same information contained herein. We are forwarding this letter, however, so that you may adjust your files accordingly in the event that you have not already made such adjustments.

Sincerely yours,

Thor H. Kiilsgaard
Acting Member
DMEA Field Team, Region II

Enclosure 1 (in dup.)
cc: USBM (2)
Quinlan

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 29 1954

April 26, 1954

Mr. R. E. DeKay
1112 So. Tremaine Avenue
Los Angeles, California

Re: Docket No. DMEA-3242
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

This will acknowledge receipt of your letter of April 19 in which you note that your Diamond Placer property should be considered as a lead-silver producer and not as a tungsten producer. We are forwarding a copy of your letter to Washington, D. C., with the request that your DMEA application be referred to the lead-zinc division and not to the tungsten division.

In due time you should hear from the Washington office as to their consideration of your application.

Sincerely yours,

Thor H. Kiilsgaard
Acting Member
DMEA Field Team, Region II

cc: DMEA (2)
USBM (2)
Quinlan

C
O
P
Y

1112 So Tremaine Ave
Los Angeles, Calif-
April 19th-1954

DMEA-3242

Mr Thor H.Kiilsgaard
So 157 Howard St
Spokane-4-Wash.

Dear Mr Kiilsgaard -

Re to yours of April 13th.

In my letter to mr Martin of April 13th, I stated that I did not think there were any well defined veins of tungsten, also that one of the assays sent with application I thot showed a small amount of tungsten.

This property under consideration, is a strictly lead silver deal, as usual in limestone, the ore would be found in pockets.

As a possible bearing on this property, I wish you might look up the history of the Blue Eyed Nellie mine, on Warm Springs Creek, four miles west of Anaconda, at the time I was there, the owner was Mr Brown, an old timer and known as Coyote Brown, this mine produced a million or so, and after Brown sold out for a large sum, I understand he bought it back, this property was in a lime stone formation and all ore was found in pockets, and was situated not over six or seven miles from my Diamond Placer in a straight line.

I assume that my original application will answer for an application on a lead basis.

In the event you find that I can qualify on the lead basis, I wish to ask some questions later on.

Yours sincerely

/s/ R. E. DeKay

402

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

So. 157 Howard Street
Spokane 4, Washington

April 13, 1954

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA-3242, Tungsten, etc.
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

Reference is made to your application for a DMEA contract, which was forwarded from this office to Washington, D. C., on January 18, 1954. In your application you mentioned that your property contained silver, lead, bismuth, and scheelite. Of these metals, scheelite was the only one, which at that time, qualified for DMEA assistance.

A recent order by DMEA has returned a number of metals to the strategic and critical list, among which is lead. We therefore suggest that if you think your property would qualify for a DMEA lead contract, you should notify us by letter. That letter could serve in lieu of another application; however, it should contain all available information on your property together with any maps or reports or assay data you might have available.

The Government will participate in the exploration of a lead property on a 50-50 percent basis; with tungsten the participating ratio is on a 75-25 percent basis. In your instance, however, it will be necessary for you to submit all data requested of you in a letter from Mr. W. E. Martin of the Iron and Ferro-Alloys Division, dated January 26, 1954, before your property could receive further consideration for a tungsten contract. On the assumption that it might be difficult for you to obtain this information, we have given you the enclosed information on a lead contract which might be more fitting for your property.

We shall look forward to your comments on this suggestion.

Sincerely yours,

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

cc: DMEA (2)
USBM (2)
Quinlan

400

APR 8 1954

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA 3242 - Tungsten
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

Reference is made to your application for exploration assistance under the subject docket. On January 26, 1954, we wrote to you requesting additional information needed to process the subject application.

In the interest of expediting the Defense Minerals Program, it would be appreciated if you would provide us promptly with the requested information.

Amending our letter of January 26, we enclose a copy of DMEA Order-1, Amended. As you will note, lead is now included among the metals eligible for 50 percent exploration assistance.

Sincerely yours,

W. S. Martin, Chief
Iron and Ferro-Alloys Division

Enclosure

CC: DOCKET
CODE 400
ADM. READ. FILE
FT, REG. II
R. W. GEEHAN, USBM
T. P. THAYER, USGS

FARutledge/WSMartin/ls
4/7/54

JAN 26 1954

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA-3242, Tungsten, etc.
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

Your application for exploration assistance in exploring for silver, lead, bismuth, and scheelite on the referenced property has been reviewed by the Iron and Ferro-Alloys Division, Defense Minerals Exploration Administration.

We regret to inform you that silver and bismuth have not been included with the minerals for which exploration assistance is granted. In addition, applications for aid in exploring for lead which were filed after May 15, 1953, are no longer considered. A copy of Amendment No. 2 to DMEA Order-1, which deleted lead from the list of eligible minerals, is enclosed. A copy of Amendment No. 3, containing the latest percentages of the Government's contribution to approved projects, is also enclosed.

With regard to aid in exploring for tungsten, the information submitted with your application is insufficient to justify a field examination by the Government. No data were submitted to substantiate the occurrence of tungsten on the Diamond Placer claim. Before your application can be considered further, you should furnish us with the following data:

(1) Length and width of tungsten-bearing veins.

(2) Assays of representative samples of tungsten ore.

(3) Location and number of veins. Please indicate their relative position on a sketch map and show location and length of samples.

(4) Outline of proposed work with estimated costs in detail.

With respect to your question about Government participation in the costs of securing a report on the subject property from a mining engineer in private practice, we regret to advise you that, in accordance with Sec. 9(b) of DMEA Order-1, such costs are not allowable.

We will, therefore, hold your application in abeyance until the requested data have been received.

Sincerely yours,

W. S. Martin, Chief
Iron and Ferro-Alloys Division

Enclosures

WX
FARutledge/ls
1/25/54

CC: DOCKET
FT, REG. 2
CODE 400
ADM. READ. FILE
T. P. THAYER, USGS
R. W. GEEHAN, USBM

400

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

xxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

January 18, 1954

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

Dear Mr. Selfridge:

Enclosed are the original and two copies of a DMEA application submitted by Mr. R. E. DeKay to explore a property near Anaconda, Montana. Some accompanying data is attached to the original MF-103, but there are no copies of these data.

The applicant proposes to explore for a number of minerals, the only one of which would qualify for DMEA assistance being tungsten. There is no mention of tungsten in the attached assay data; however, scheelite is a fairly common mineral along the contact of granite and limestone in that part of Montana. No maps of either the property or the proposed work have been submitted.

As no proposed exploration program has been submitted by the applicant, and as the applicant's information on the property indicates that it is very marginal at best, we shall take no further action on this application unless requested by the Operating Committee.

Sincerely yours,

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

Enclosure

cc: USBM (2)

File Copy
Surname
Griswold

500

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

OCT 29 1954

Mr. R. E. DeKay
5046 West Pico Blvd.
Los Angeles 19, California

Re: Docket No. DMEA-3242 (Lead)
Diamond Placer Property
Deer Lodge County, Montana

Dear Mr. DeKay:

I have your letter of October 23, 1954, inquiring as to reported geology on the cited property. In reply to your question, the Field Team did not discuss the possible ores which might be found at a limestone-granite contact. In this general connection they stated:

> "The Diamond Placer property is underlain by limestones which are a part of the Madison formation, Mississippian age. A geologic map of the area prepared by H. B. Nickelson and R. L. Pott 1/ shows a north-striking fault in Timber Gulch immediately west of the applicant's property. The map shows that rocks on the west side of this fault in the immediate vicinity of the applicant's property are of two types, Belt sediments (undifferentiated) of pre-Cambrian age, and biotite granite. The biotite granite is part of a small stock of Tertiary age.
>
> "1/ Nickelson, H. B., and Pott, R. L., Geology of Lost Creek-Modesty Creek Area, Deer Lodge County, Montana, Montana School of Mines, Thesis, May 1948, accompanying map."

It might be of interest to you to have this report and map, and if you would write to the Montana School of Mines, Butte, Montana, perhaps they could provide you with a copy.

WRGriswold/bjl (10/29/54)
Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Mr. Bishop
Mr. Kiilsgaard
Region II (2)
Chron.

Sincerely yours,

C. O. Mittendorf

Administrator

R.G.G.

October 23rd-1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1954

Re: Docket NoDMEA-3242 (Lead)
R.E.DeKay
Diamond Placer Property
Deer Lodge County, Montana.

Mr C.O.Mittendorf,
Washington D.C.

Dear Mr Mittendorf -

Re to yours of September 3rd 1954, wherein you stated that all reports made by your men are of a confidential nature and could not be released.

My theory has always been thatall values if any , would be found on my property at the point where the limerock and the granite made contact, the lime rock lying above the granite, at a depth of approx 120 feet made by a geoligst., that I previously had employed.

Without disclosing your report, surely you could tell me if the report mentioned this fact or in any way agreed that this might be a fact.

If in the future I should spend anything on the property to develop same, this point would be where I would operate.

Sincerely

R.E. DeKay

5046 West Pico Blvd
Los Angeles-19-Calif.

EVINRUDE
OUTBOARD MOTORS

**MARINE EQUIPMENT INC.**
**5046 West Pico Blvd. • Phone: York 9363**
**LOS ANGELES 19, CALIF.**

**KELSON-CRAFT, WIZARD, AND HOLLYWOOD BOATS**

File Copy
Surname

Griswold
Hedges
Kilsgaard
Selfridge
Y Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR 500
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

SEP 3 1954

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMA-3242 (Lead)
R. E. DeKay
Diamond Placer Property
Deer Lodge County, Montana

Dear Mr. DeKay:

I have your letter of August 28, in which you request a copy of our Field Team report on the Diamond Placer Property.

I am sorry to advise you that such reports are classified as being of a confidential nature and may not be released.

Let me take the opportunity to thank you for your expression of appreciation for our efforts. I truly regret that we could not participate in your exploration project.

Sincerely yours,

C. O. Mittendorf

Administrator

WRGriswold/er 9/1/54

Copy to: Docket
Admr. R. File
Region II (2)
Op. Committee
Base Metals
Mr. Gildersleeve
Mr. C. H. Johnson, USBM
Chron.

R.C.H.

August 28th-1954.

Re - Docket No.DMEA-3242 (Lead)

RECEIVED

Mr C.O.Mittendorf -
Adminstrator
DMEA.
Washington,D.C.

Gnewold
Betty

Dear Mr Mittendorf -

Yours of August 23rd received, with enclosures O.K.

While naturally your decision denying my application for exploration assistance was a dissapointment, I live in hopes of being able some day to do some work on the prospect.

In this connection, I am asking you, if it would not be possible to furnish me with a copy of your fields mens report on this project.

It would materially assist me in any further work and give me a discription of the geological formation.

You could cancel out anything you might deem of a confidential nature.

I assure you of my appreciation of the efforts put forth by your administration.

Sincerely

R. E. DeKay

R.E.DeKay
1112 So Tremaine Ave
Los Angeles-19-Calif.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 26, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

August 24, 1954

Mr. R. D. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA-3242 (lead)
Diamond Placer Property
Deer Lodge County, Montana

Dear Mr. DeKay:

Thank you for your letter of August 16, 1954. A field examination has been made of your property and you should hear from the Defense Minerals Exploration Administration, Washington, D. C., in the near future.

Sincerely,

Verne C. Fryklund
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: DMEA (2)
USBM (2)
Quinlan

File Copy
Surname

Fiswold
Martin
Sarabee
Hedgren

UNITED STATES
DEPARTMENT OF THE INTERIOR 500
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
AUG 23 1954

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA-3242 (Lead)
R. E. DeKay
Diamond Placer Property
Deer Lodge County, Montana

Dear Mr. DeKay:

Your application for aid for an exploration project and other reports available to us in Washington referring to 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 indicates to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

As you requested, we are returning the documents which you submitted with your application as follows:

U. S. Department of the Interior letter dated 6/22/43
U. S. Department of the Interior letter dated 7/28/43
Newspaper clipping
Montana School of Mines letter dated 10/8/30
Assay certificate dated 5/23/30
Assay certificate dated 5/27/30
Assay certificate dated 5/28/30
Assay certificate dated 5/31/30
Letter from R. O. Hall dated 6/24/30
Letter from Roy L. Cornell dated 10/25/37
Lease dated 3/18/1910

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

Sincerely yours,

C. O. Mittenderf

Administrator

Enclosures 11

WRGriswold/er 8/19/54

Copy to: Docket
Region II (2)
Admr. R. File
Op. Committee
Base Metals
Mr. Gildersleeve
Mr. C. H. Johnson, USGS
Chron.

File Copy
Surname

UNITED STATES
DEPARTMENT OF THE INTERIOR 500
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

August 19, 1954

Memorandum

To: Administrator

From: Chief, Base Metals Division

Subject: Denial of application, Docket No. DMEA-3242
R. E. DeKay, Diamond Placer Property, Deer Lodge County, Montana

The property covered by the cited application is of no apparent value, except perhaps as a source of limestone. It is stated that it once supplied lime to the Anaconda smelter.

The only evidences of mineralization are certain small gossans of no value beyond trace assays. The owner is an elderly gentleman, with little knowledge of mining.

W. R. Griswold

W. R. Griswold

Attachments

WRGriswold/er 8/19/54

Copy to: Docket
Base Metals
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR 500
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

August 19, 1954

Memorandum

To: Administrator

From: Chief, Base Metals Division

Subject: Denial of application, Docket No. DMEA-3242
R. E. DeKay, Diamond Placer Property, Deer Lodge County, Montana

The property covered by the cited application is of no apparent value, except perhaps as a source of limestone. It is stated that it once supplied lime to the Anaconda smelter.

The only evidences of mineralization are certain small gossans of no value beyond trace assays. The owner is an elderly gentleman, with little knowledge of mining.

W. R. Griswold

Attachments

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

August 17, 1954

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, USBM

Subject: Docket No. DMEA-3242, R. E. DeKay Diamond Placer Property, Deer Lodge County, Nevada

I concur with the field team and examining geologist in recommending denial of the applicant's rather indefinite proposal for exploration assistance.

Mr. Quinlan of the Geological Survey found a gossan near the west boundary of the property which had been explored by a shaft and connecting adit. Samples of the gossan found on the shaft dump, the adit dump, and on the dump of an adit some 100 yards away, as well as a channel sample taken from a gossan mass within this last adit all assay less than .2 percent lead. No geologic evidence was noted to suggest an exploration potentiality for economic mineralization.

O. M. Bishop

O. M. Bishop

Copy to: Minerals Division
Edward L. Newcomb
O. M. Bishop
Files

IN REPLY REFER TO:

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

August 2, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3242 (lead)

To: W. R. Griswold, Defense Minerals Exploration Administration
From: R. D. Trace, U. S. Geological Survey
Applicant: R. E. DeKay
Name of property: Diamond Placer Property
Location of property: Deer Lodge County, Montana
Date of Field Team Report: July 15, 1954
Authorship of Field Team Report: J. J. Quinlan
Field Team's recommendation: Deny application
Comments: No evidence of ore grade lead.
ACTION RECOMMENDED: Follow Field Team's recommendation.

RDTrace
R. D. Trace

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

July 19, 1954

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

Re: Docket No. DMEA-3242 (lead)
R. E. DeKay
Diamond Placer Property
Deer Lodge County, Montana

Dear Mr. Selfridge:

Enclosed are four copies of a memorandum dated July 15, 1954, by J. J. Quinlan, Geological Survey, regarding a field examination of the Diamond Placer property with reference to the subject loan application.

It is clearly evident that the Diamond Placer property holds no promise as a possible base metal or tungsten producer. For this reason, the Field Team concurs with Mr. Quinlan's recommendation that the application be denied.

We would like to call attention to the applicant's request that documents attached to the original copy of the application be returned to him. These documents were sent to you on January 18, 1954, and should be in your files.

By Field Team, Region II

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

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

Enclosure (in quad.)
cc: USBM (2)
Quinlan

Reviewed by
DMEA OPERATING COMMITTEE
7-30-54
(date)

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

July 15, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: J. J. Quinlan, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-3242 (lead), Field Examination, R. E. DeKay, Diamond Placer Property, Deer Lodge County, Montana.

## INTRODUCTION

The Diamond Placer property, Deer Lodge County, Montana, was examined June 17, 1954, with reference to the subject loan application. Mr. L. J. Staton of Anaconda, Montana, the applicant's nephew and representative, assisted during the examination.

## RECOMMENDATION

It is recommended that Mr. R. E. DeKay's application for Government assistance to explore the Diamond Placer property be denied.

## APPLICANT

The applicant is Mr. R. E. DeKay of 1112 So. Tremaine Avenue, Los Angeles 19, California. Discussion with Mr. Staton revealed that Mr. DeKay is an elderly gentleman about 82 years of age. Mr. DeKay is reported to have operated the lime quarries on the property in his youth. However, during most of his life his interest in mining has been that of a lay investor. This is quite evident from the manner in which the application has been prepared.

## LOCATION

The Diamond Placer property is 5 miles due north of Anaconda, Montana, in the southeastern foothills of the Flint Creek Mountains. It is on the north side of Lost Creek immediately east of the junction of Lost Creek and Timber Gulch.

Reviewed by
DMEA OPERATING COMMITTEE
7-30-54
(date)

The property is reached by following U. S. Highway No. 10A 1 mile east of Anaconda, Montana, to its junction with the oiled-surfaced road to Warm Springs, Montana; thence 200 yards northeast on the Warm Springs road to its junction with the county road leading to Lost, Modesty, and Racetrack Creeks; thence 2 miles north on this road to Lost Creek; thence 6 miles northeast on the road up Lost Creek to the property.

## PROPERTY AND OWNERSHIP

The property comprises 40 acres described as Lot 6830, in secs. 9 and 10, T. 5 N., R. 11 W., M.P.M., Deer Lodge County, Montana. Lot No. 6830 is reported to have been patented in 1903 and is owned by the applicant.

Mr. Staton was not sure of the exact boundaries of the property. A check of the county records in order to establish these boundaries was not made because it was evident that the property did not merit a DMEA loan.

## HISTORY AND PAST PRODUCTION

Mr. Staton reports that the property supplied lime for the Anaconda smelter about the turn of the century. He further reports that the work on the gossan-bearing structures on the property was carried on at intermittent intervals from about 1900 to 1925.

There is no record of base or precious metal production from the property. However, Mr. Staton stated that it is rumored that $40,000 worth of gold ore was mined from the property about 1917.

Although a number of small prospect dumps dot the hillsides in the vicinity of the applicant's property, no deposits of any consequence have been found in the area.

## WORKINGS

Three small lime quarries constitute the principal workings on the property.

A small shaft has been sunk on a gossan near the western margin of the property. This shaft was inaccessible at the time of the examination; however, a drift about 15 feet below the shaft collar could be seen following the gossan to the northeast. A 40-foot long adit, driven on bearing N. 51° E., connects with the shaft 32 feet below its collar. The shaft was filled with muck and debris where this adit connects with it and, therefore, it was not possible to enter the shaft from the adit, nor was it possible to determine if there were any workings northeast of the shaft on this adit level.

A 103-foot long adit crosscut has been driven from Timber Gulch at a point 290 feet northwest of the shaft on the applicant's property and at an elevation 75 feet lower than that of the shaft collar. This adit crosscut was driven on bearing S. 67° E. A drift, commencing at a point 75 feet from the adit portal, follows a small fracture for a distance of 30 feet northeast of the adit crosscut. Mr. Staton was uncertain as to whether this adit was on the applicant's property.

## GEOLOGY

The Diamond Placer property is underlain by limestones which are a part of the Madison formation, Mississippian age. A geologic map of the area prepared by H. B. Nickelson and R. L. Pott 1/ shows a north-striking fault in Timber Gulch immediately west of the applicant's property. The map shows that rocks on the west side of this fault in the immediate vicinity of the applicant's property are of two types, Belt sediments (undifferentiated) of pre-Cambrian age, and biotite granite. The biotite granite is part of a small stock of Tertiary age.

Gossan bands are exposed in the walls of the shaft on the applicant's property. These bands strike N. 32° E. and dip 80° NW. The principal band of the gossan is 8 inches wide. Three feet in the footwall of the principal band are several thin gossan bands, the largest of which is about 2 inches wide. It is evident that the drift 15 feet below the shaft collar follows these gossan bands to the northeast. The gossan bands were not sampled because there was no practicable and safe way in which to sample the bands exposed in the shaft walls. However, a small amount of gossan was piled on the shaft dump. This gossan consisted of mostly iron and manganese oxides. Several pieces of calcite containing small grains of pyrite were also recognized in a gossan pile. A sample of the gossan pile on this dump assayed 0.018 ounce gold per ton, 0.52 ounce silver per ton, 0.16 percent lead, and no zinc. With the exception of the small pile of gossan on the dump, the entire dump was barren limestone.

No gossan-bearing structure is exposed in the accessible portion of the adit which connects with the shaft 33 feet below the shaft collar. With the exception of several tons of gossan similar to that piled on the shaft dump, the adit dump is barren limestone. A sample of the gossan piled on this dump assayed 0.003 ounce gold per ton, 0.36 ounce silver per ton, 0.16 percent lead, and no zinc.

Limestone exposed in the adit 290 feet northwest of the shaft on the Diamond Placer property is well fractured. Several small irregular bodies of gossan are exposed in the adit along a number

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1/ Nickelson, H. B., and Pott, R. L., Geology of Lost Creek-Modesty Creek Area, Deer Lodge County, Montana, Montana School of Mines, Thesis, May 1948, accompanying map.

of irregular fractures for a distance of 15 to 25 feet in the hanging wall of a sharp fracture which roughly parallels the gossan bands exposed in the wall of the shaft on the Diamond Placer property. This fracture, which is cut 75 feet from the adit portal, strikes N. 35° E. and dips 70° NW. A drift follows the fracture 30 feet northeast from the point where cut in the adit crosscut. This drift has been enlarged near its end in order to prospect an irregular body of gossan. A 4.2-foot sample across the irregular body of gossan assayed a trace gold, 0.10 ounce silver per ton, 0.16 percent lead, and no zinc. A small pile of gossan on the dump of the adit was also sampled. The material assayed 0.02 ounce gold per ton, 0.62 ounce silver per ton, 0.16 percent lead, and no zinc.

The Diamond Placer property and near vicinity was lamped with an ultraviolet light as the applicant reported the presence of scheelite on the property. Only one small speck, about the size of a pin head, of fluorescent material resembling scheelite was noted.

## APPLICANT'S PROPOSAL

The applicant has presented no definite exploration proposal. It is evident from the application, correspondence with the applicant, and discussions with Mr. Staton, that he is interested in either a diamond drilling or underground exploration program to explore the gossan-bearing structure in the vicinity of the shaft on the property. It is also apparent that the applicant wishes Government assistance in planning a detailed exploration program.

As it was apparent that the property did not merit a DMEA loan, the matter of a proposed exploration program was not discussed with Mr. Staton.

## CONCLUSION

The gossans exposed in the walls of the shaft on the Diamond Placer property and in the accessible adit 290 feet northwest of the shaft are not impressive. Samples of the gossan material taken during the examination indicate that the property is of no interest as a possible lead producer. For these reasons, it is recommended that Mr. R. E. DeKay's application for Government assistance to explore the Diamond Placer property be denied.

The property and near vicinity were lamped with an ultraviolet light. Only one small speck of fluorescent material resembling scheelite was noted. For this reason, it is evident that the property should not be considered as a scheelite prospect.

Distribution:
DMEA(4) Docket
USBM(2) Quinlan
USGS(SRO)

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

[illegible]
No. 157 Howard Street
Spokane 4, Washington

Answered
Betty

July 19, 1954

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

Re: Docket No. DMEA-3242 (lead)
F. E. DeFay
Diamond Placer Property
Deer Lodge County, Montana

Dear Mr. Selfridge:

Enclosed are four copies of a memorandum dated July 15, 1954, by J. J. Quinlan, Geological Survey, regarding a field examination of the Diamond Placer property with reference to the subject loan application.

It is clearly evident that the Diamond Placer property holds no promise as a possible base metal or tungsten producer. For this reason, the Field Team concurs with Mr. Quinlan's recommendation that the application be denied.

We would like to call attention to the applicant's request that documents attached to the original copy of the application be returned to him. These documents were sent to you on January 18, 1954, and should be in your files.

By Field Team, Region II

A. [illegible] Weissenborn, Exec. Officer
U. S. Geological Survey

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

Enclosure (in quad.)
cc: USBM (2)
Quinlan

D Mea

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

July 15, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: J. J. Quinlan, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-3242 (lead), Field Examination, R. E. DeKay, Diamond Placer Property, Deer Lodge County, Montana.

## INTRODUCTION

The Diamond Placer property, Deer Lodge County, Montana, was examined June 17, 1954, with reference to the subject loan application. Mr. L. J. Staton of Anaconda, Montana, the applicant's nephew and representative, assisted during the examination.

## RECOMMENDATION

It is recommended that Mr. R. E. DeKay's application for Government assistance to explore the Diamond Placer property be denied.

## APPLICANT

The applicant is Mr. R. E. DeKay of 1112 So. Tremaine Avenue, Los Angeles 19, California. Discussion with Mr. Staton revealed that Mr. DeKay is an elderly gentlemen about 82 years of age. Mr. DeKay is reported to have operated the lime quarries on the property in his youth. However, during most of his life his interest in mining has been that of a lay investor. This is quite evident from the manner in which the application has been prepared.

## LOCATION

The Diamond Placer property is 5 miles due north of Anaconda, Montana, in the southeastern foothills of the Flint Creek Mountains. It is on the north side of Lost Creek immediately east of the junction of Lost Creek and Timber Gulch.

The property is reached by following U. S. Highway No. 10A 1 mile east of Anaconda, Montana, to its junction with the oiled-surfaced road to Warm Springs, Montana; thence 200 yards northeast on the Warm Springs road to its junction with the county road leading to Lost, Modesty, and Racetrack Creeks; thence 2 miles north on this road to Lost Creek; thence 6 miles northeast on the road up Lost Creek to the property.

## PROPERTY AND OWNERSHIP

The property comprises 40 acres described as Lot 6830, in secs. 9 and 10, T. 5 N., R. 11 W., M.P.M., Deer Lodge County, Montana. Lot No. 6830 is reported to have been patented in 1903 and is owned by the applicant.

Mr. Staton was not sure of the exact boundaries of the property. A check of the county records in order to establish these boundaries was not made because it was evident that the property did not merit a DMEA loan.

## HISTORY AND PAST PRODUCTION

Mr. Staton reports that the property supplied lime for the Anaconda smelter about the turn of the century. He further reports that the work on the gossan-bearing structures on the property was carried on at intermittent intervals from about 1900 to 1925.

There is no record of base or precious metal production from the property. However, Mr. Staton stated that it is rumored that $40,000 worth of gold ore was mined from the property about 1917.

Although a number of small prospect dumps dot the hillsides in the vicinity of the applicant's property, no deposits of any consequence have been found in the area.

## WORKINGS

Three small lime quarries constitute the principal workings on the property.

A small shaft has been sunk on a gossan near the western margin of the property. This shaft was inaccessible at the time of the examination; however, a drift about 15 feet below the shaft collar could be seen following the gossan to the northeast. A 40-foot long adit, driven on bearing N. 51° E., connects with the shaft 32 feet below its collar. The shaft was filled with muck and debris where this adit connects with it and, therefore, it was not possible to enter the shaft from the adit, nor was it possible to determine if there were any workings northeast of the shaft on this adit level.

A 103-foot long adit crosscut has been driven from Timber Gulch at a point 290 feet northwest of the shaft on the applicant's property and at an elevation 75 feet lower than that of the shaft collar. This adit crosscut was driven on bearing S. 67° E. A drift, commencing at a point 75 feet from the adit portal, follows a small fracture for a distance of 30 feet northeast of the adit crosscut. Mr. Staton was uncertain as to whether this adit was on the applicant's property.

## GEOLOGY

The Diamond Placer property is underlain by limestones which are a part of the Madison formation, Mississippian age. A geologic map of the area prepared by H. B. Nickelson and R. L. Pott 1/ shows a north-striking fault in Timber Gulch immediately west of the applicant's property. The map shows that rocks on the west side of this fault in the immediate vicinity of the applicant's property are of two types, Belt sediments (undifferentiated) of pre-Cambrian age, and biotite granite. The biotite granite is part of a small stock of Tertiary age.

Gossan bands are exposed in the walls of the shaft on the applicant's property. These bands strike N. 32° E. and dip 80° NW. The principal band of the gossan is 8 inches wide. Three feet in the footwall of the principal band are several thin gossan bands, the largest of which is about 2 inches wide. It is evident that the drift 15 feet below the shaft collar follows these gossan bands to the northeast. The gossan bands were not sampled because there was no practicable and safe way in which to sample the bands exposed in the shaft walls. However, a small amount of gossan was piled on the shaft dump. This gossan consisted of mostly iron and manganese oxides. Several pieces of calcite containing small grains of pyrite were also recognized in a gossan pile. A sample of the gossan pile on this dump assayed 0.018 ounce gold per ton, 0.52 ounce silver per ton, 0.16 percent lead, and no zinc. With the exception of the small pile of gossan on the dump, the entire dump was barren limestone.

No gossan-bearing structure is exposed in the accessible portion of the adit which connects with the shaft 33 feet below the shaft collar. With the exception of several tons of gossan similar to that piled on the shaft dump, the adit dump is barren limestone. A sample of the gossan piled on this dump assayed 0.003 ounce gold per ton, 0.36 ounce silver per ton, 0.16 percent lead, and no zinc.

Limestone exposed in the adit 290 feet northwest of the shaft on the Diamond Placer property is well fractured. Several small irregular bodies of gossan are exposed in the adit along a number

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1/ Nickelson, H. B., and Pott, R. L., Geology of Lost Creek-Modesty Creek Area, Deer Lodge County, Montana, Montana School of Mines, Thesis, May 1948, accompanying map.

of irregular fractures for a distance of 15 to 25 feet in the hanging wall of a sharp fracture which roughly parallels the gossan bands exposed in the wall of the shaft on the Diamond Placer property. This fracture, which is cut 75 feet from the adit portal, strikes N. 35° E. and dips 70° NW. A drift follows the fracture 30 feet northeast from the point where cut in the adit crosscut. This drift has been enlarged near its end in order to prospect an irregular body of gossan. A 4.2-foot sample across the irregular body of gossan assayed a trace gold, 0.10 ounce silver per ton, 0.16 percent lead, and no zinc. A small pile of gossan on the dump of the adit was also sampled. The material assayed 0.02 ounce gold per ton, 0.62 ounce silver per ton, 0.16 percent lead, and no zinc.

The Diamond Placer property and near vicinity was lamped with an ultraviolet light as the applicant reported the presence of scheelite on the property. Only one small speck, about the size of a pin head, of fluorescent material resembling scheelite was noted.

## APPLICANT'S PROPOSAL

The applicant has presented no definite exploration proposal. It is evident from the application, correspondence with the applicant, and discussions with Mr. Staton, that he is interested in either a diamond drilling or underground exploration program to explore the gossan-bearing structure in the vicinity of the shaft on the property. It is also apparent that the applicant wishes Government assistance in planning a detailed exploration program.

As it was apparent that the property did not merit a DMEA loan, the matter of a proposed exploration program was not discussed with Mr. Staton.

## CONCLUSION

The gossans exposed in the walls of the shaft on the Diamond Placer property and in the accessible adit 290 feet northwest of the shaft are not impressive. Samples of the gossan material taken during the examination indicate that the property is of no interest as a possible lead producer. For these reasons, it is recommended that Mr. R. E. DeKay's application for Government assistance to explore the Diamond Placer property be denied.

The property and near vicinity were lamped with an ultraviolet light. Only one small speck of fluorescent material resembling scheelite was noted. For this reason, it is evident that the property should not be considered as a scheelite prospect.

Distribution:
DMEA(4) ✓ Docket
USBM(2) Quinlan
USGS(SRO)

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

May 11, 1954

Arnold
Betty
Docket

Mr. R. E. DeKay
1112 So. Tremaine Avenue
Los Angeles, California

Re: Docket No. DMEA-3242 (tungsten-lead)
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

This will acknowledge receipt of your letter of May 4, 1954, in which you note that you have a sister-in-law in Anaconda who could direct us to your property. Will you please advise us of your sister-in-law's name and address so that our field man may contact her during their next field trip to Montana. At that time they can examine your property to determine whether Government participation in your proposed exploration project is warranted.

Sincerely yours,

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

cc: USBM (2)
DMEA (2)
Nickelson

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

Greenwald
Betty

RECEIVED
Defense Minerals Exploration
MAY 3 - 1954

April 29, 1954

Docket

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA-3242 (tungsten, lead, etc.)
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

We have this day received a copy of a letter to you from Mr. W. S. Martin, Chief of the Iron and Ferro-Alloys Division, DMEA. We note that in this letter Mr. Martin advises you to submit to us data for your lead prospect similar to the data requested of you in his letter to you of January 26, 1954. We should like to restate his requests and also to ask you for additional information. The following data is needed:

1. Length and width of the lead-bearing veins.

2. Assays of representative samples of your lead ore.

3. The location and number of veins. We also would like the relative position of these veins on a sketch map. On this sketch you should show the location where the samples were taken.

4. An outline of the proposed work with the estimated costs broken down in detail. We would also appreciate your supplying us with the name of an individual in the Anaconda area who is familiar with your property and who could conduct one of our field men on an examination of the property.

We would appreciate this information as soon as possible as your application will not be processed any further until we are able to make a field examination of your proposed exploration project.

Sincerely yours,

Thor N. Kiilsgaard
Acting Member, DMEA
Field Team, Region II

cc: DMEA (2)
USBM (2)
Nickelson

Docket

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

Department of the Interior
Defense Minerals Administration
RECEIVED
APR 29 1954

April 26, 1954

WSM

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

Re: Docket No. DMEA-3242
Diamond Placer
Deer Lodge County, Montana

Dear Mr. Selfridge:

Enclosed is a copy of a letter from Mr. R. E. DeKay which was written in answer to a letter from this office dated April 13, 1954.

Mr. DeKay states that he wishes his property to be considered as a lead-zinc producer and not for tungsten.

+ we replied 4/26 asking data.

It is noted that Mr. DeKay wrote Mr. Martin on April 13 and probably submitted to him the same information contained herein. We are forwarding this letter, however, so that you may adjust your files accordingly in the event that you have not already made such adjustments.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
Acting Member
DMEA Field Team, Region II

Enclosure 1 (in dup.)
cc: USBM (2)
Quinlan

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

Defense Minerals Administration
RECEIVED
APR 29 1954

April 26, 1954

Mr. R. E. DeKay
1112 So. Tremaine Avenue
Los Angeles, California

Re: Docket No. DMEA-3242
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

This will acknowledge receipt of your letter of April 19 in which you note that your Diamond Placer property should be considered as a lead-silver producer and not as a tungsten producer. We are forwarding a copy of your letter to Washington, D. C., with the request that your DMEA application be referred to the lead-zinc division and not to the tungsten division.

In due time you should hear from the Washington office as to their consideration of your application.

Sincerely yours,

Thor H. Kiilsgaard
Acting Member
DMEA Field Team, Region II

cc: DMEA (2)
USBM (2)
Quinlan

C
O
P
Y

Defense Minerals Administration
RECEIVED
APR 29 1954

1112 So Tremaine Ave
Los Angeles, Calif-
April 19th-1954

DMEA-3242

Mr Thor H.Kiilsgaard
So 157 Howard St
Spokane-4-Wash.

Dear Mr Kiilsgaard -

Re to yours of April 13th.

In my letter to mr Martin of April 13th, I stated that I did not think there were any well defined veins of tungsten, also that one of the assays sent with application I thot showed a small amount of tungsten.

This property under consideration, is a strictly lead silver deal, as usual in limestone, the ore would be found in pockets.

As a possible bearing on this property, I wish you might look up the history of the Blue Eyed Nellie mine, on Warm Springs Creek, four miles west of Anaconda, at the time I was there, the owner was Mr Brown, an old timer and known as Coyete Brown, this mine produced a million or so, and after Brown sold out for a large sum, I understand he bought it back, this property was in a lime stone formation and all ore was found in pockets, and was situated not over six or seven miles from my Diamond Placer in a straight line.

I assume that my original application will answer for an application on a lead basis.

In the event you find that I can qualify on the lead basis, I wish to ask some questions later on.

Yours sincerely

/s/ R. E. DeKay

Rutledge
Martin
Fitzmorris
Mattendorf

APR 26 1954

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA 3242 -
Tungsten, Lead, etc.
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

This will acknowledge receipt of your letter of April 13, 1954, which asks if we will consider your above-referenced application for exploration assistance for lead. We have also received a copy of the Field Team's letter to you of April 13, 1954, advising you that lead is now eligible for such assistance. Silver, however, is not included with the strategic or critical metals and is not eligible for exploration aid.

The Field Team's letter, in effect, offers to assist you in the preparation of the supplemental data required to process your application. You should, therefore, furnish Mr. Weissenborn, Executive Officer, DMEA Field Team, Region II, South 157 Howard Street, Spokane 4, Washington, with the sort of data for lead that we requested for tungsten in our letter of January 26, 1954. To expedite consideration of your request, you should send three copies of the same information to our Washington, D. C., office.

Sincerely yours,

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Code 400
Code 500
Field Team, Reg. 2
Adm. Read. File
R. W. Geehan, USBM
T. P. Thayer, USGS

FARutledge/ls
4/23/54

R.C.B.

Docket

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

April 13, 1954 WSM

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA-3242, Tungsten, etc.
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

Reference is made to your application for a DMEA contract, which was forwarded from this office to Washington, D. C., on January 18, 1954. In your application you mentioned that your property contained silver, lead, bismuth, and scheelite. Of these metals, scheelite was the only one, which at that time, qualified for DMEA assistance.

A recent order by DMEA has returned a number of metals to the strategic and critical list, among which is lead. We therefore suggest that if you think your property would qualify for a DMEA lead contract, you should notify us by letter. That letter could serve in lieu of another application; however, it should contain all available information on your property together with any maps or reports or assay data you might have available.

The Government will participate in the exploration of a lead property on a 50-50 percent basis; with tungsten the participating ratio is on a 75-25 percent basis. In your instance, however, it will be necessary for you to submit all data requested of you in a letter from Mr. W. S. Martin of the Iron and Ferro-Alloys Division, dated January 26, 1954, before your property could receive further consideration for a tungsten contract. On the assumption that it might be difficult for you to obtain this information, we have given you the enclosed information on a lead contract which might be more fitting for your property.

We shall look forward to your comments on this suggestion.

Sincerely yours,

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

cc: DMEA (2)
USBM (2)
Quinlan

April 13th-1954
1112 So Tremaine Ave
Los Angeles-19-Calif.

Re - Docket No,DMEA-3242

Mr W.S.Martin-Chief
Iron & Ferro-Alloys Div.

Dear Mr Martin -

Yours of January 26th-1954 re tungsten veins & ect, have come to the conclusion- that there no well defined veins bearing tungsten, I believe on one of the assays I sent you it shows a small per cent.

Re to yours of April 8th, I note that your DMEA order-1 amended now includes lead for 50 percent exploration assistance.

Am I to understand, that regardless of the tungsten factor, that you will consider the application as filed on silver lead & sheelite.

Should you accept the application as above, there are a few questions would like to ask after the receipt of your answer.

Sincerely

R.E. DeKay

**MARINE EQUIPMENT, INC.**
*Established in 1929*
**5046 WEST PICO BLVD.**
**LOS ANGELES 19, CALIFORNIA**

LOS ANGELES 12 CALIF. APR 13 9 PM 1954

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UNITED STATES POST 3 CENTS 3

United States Department of the Interior

Defense Minerals Exploration Administration

Washington-25- D.C.

Mr W.S.Martin Chief
Iron & Ferro-alloys Division.

400 Rutledge Martin Matthews

APR 8 1954

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA 3242 - Tungsten
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

Reference is made to your application for exploration assistance under the subject docket. On January 26, 1954, we wrote to you requesting additional information needed to process the subject application.

In the interest of expediting the Defense Minerals Program, it would be appreciated if you would provide us promptly with the requested information.

Amending our letter of January 26, we enclose a copy of DMEA Order-1, Amended. As you will note, lead is now included among the metals eligible for 50 percent exploration assistance.

Sincerely yours,

SIGNED

W. S. Martin, Chief
Iron and Ferro-Alloys Division

Enclosure

CC: DOCKET
CODE 400
ADM. READ. FILE
FT, REG. II
R. W. GEEHAN, USBM
T. P. THAYER, USGS

FARutledge/WSMartin/ls
4/7/54

R.C.S.

400

Rutledge
Martin
Hotchkiss

JAN 26 1954

Mr. R. E. DeKay
1112 South Tremaine Avenue
Los Angeles 19, California

Re: Docket No. DMEA-3242, Tungsten, etc.
Diamond Placer
Deer Lodge County, Montana

Dear Mr. DeKay:

Your application for exploration assistance in exploring for silver, lead, bismuth, and scheelite on the referenced property has been reviewed by the Iron and Ferro-Alloys Division, Defense Minerals Exploration Administration.

We regret to inform you that silver and bismuth have not been included with the minerals for which exploration assistance is granted. In addition, applications for aid in exploring for lead which were filed after May 15, 1953, are no longer considered. A copy of Amendment No. 2 to DMEA Order-1, which deleted lead from the list of eligible minerals, is enclosed. A copy of Amendment No. 3, containing the latest percentages of the Government's contribution to approved projects, is also enclosed.

With regard to aid in exploring for tungsten, the information submitted with your application is insufficient to justify a field examination by the Government. No data were submitted to substantiate the occurrence of tungsten on the Diamond Placer claim. Before your application can be considered further, you should furnish us with the following data:

(1) Length and width of tungsten-bearing veins.

(2) Assays of representative samples of tungsten ore.

(3) Location and number of veins. Please indicate their relative position on a sketch map and show location and length of samples.

R.C.S.
1-26-54

(4) Outline of proposed work with estimated costs in detail.

With respect to your question about Government participation in the costs of securing a report on the subject property from a mining engineer in private practice, we regret to advise you that, in accordance with Sec. 9(b) of DMEA Order-1, such costs are not allowable.

We will, therefore, hold your application in abeyance until the requested data have been received.

Sincerely yours,

W. S. Martin, Chief
Iron and Ferro-Alloys Division

Enclosures

WX
FARutledge/ls
1/25/54

CC: DOCKET
FT, REG. 2
CODE 400
ADM. READ. FILE
T. P. THAYER, USGS
R. W. GEEHAN, USBM

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

January 22, 1954

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 - 3242 - R. E. DeKay

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

Mr. R. E. DeKay
1112 South Tremaine Ave
Los Angeles 19, California

January 22, 1954
Subject: DMEA-3242
Re: Exploration Assistance
Diamond Placer

Dear Mr. DeKay:

The receipt of your application dated January 8, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3242 and referred to the Iron & Ferro Alloys Division.

Kindly refer to DMEA-3242 in any future correspondence relating to your application.

Sincerely yours,

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

Docket

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

Department of the Interior
Defense Minerals Administration
RECEIVED
JAN 22 1954

January 18, 1954

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

Dear Mr. Selfridge:

Enclosed are the original and two copies of a DMEA application submitted by Mr. R. E. DeKay to explore a property near Anaconda, Montana. Some accompanying data is attached to the original MF-103, but there are no copies of these data.

The applicant proposes to explore for a number of minerals, the only one of which would qualify for DMEA assistance being tungsten. There is no mention of tungsten in the attached assay data; however, scheelite is a fairly common mineral along the contact of granite and limestone in that part of Montana. No maps of either the property or the proposed work have been submitted.

As no proposed exploration program has been submitted by the applicant, and as the applicant's information on the property indicates that it is very marginal at best, we shall take no further action on this application unless requested by the Operating Committee.

Sincerely yours,

Thor H. Kiilsgaard

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

Enclosure

cc: USBM (2)

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

# 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. 3242
Metal or Mineral Tungsten
Date Received
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: R.E.DeKay
1112 South Tremaine Ave
Los Angeles-19-Calif.

(*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 Lot 6830 -40 acres
Patented 1903
Sec 9 & 10 - Township 5 - North 11 West

(*b*) State any mine name by which the property is known. Diamond Placer

(*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.

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.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Silver - lead bismuth-scheelite-no Greiger Counter ever used on this property -

(*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 ..... days and be completed within ..... 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?

☐ Money ☐ 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 January 8th, 1954

(Applicant)

By R. E. DeKay

**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

5046 West Pico Blvd
Los Angeles-19- Calif.

Defense Minerals Exploration Administration
Spokane Washington Office

Gentlemen -

In making this application for the exploration of this mining property please note that application for Patent was made in 1903, and was made solely for the deposit of lime rock contained in the forty acres envolved in this application. and the operation of burning lime was carried on for a number of years.

It was not untill 1910 that any attention was given to an outcrop of iron ore oxide or as is sometime called a chimney on this property, when we leased same as per copy of lease enclosed.

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Section 4

A No work is at present is being done, nor has been for several years. The mine workings are very accessible, just climb a hill from the road.

B At the time we had it under lease in 1910 - a car load of ore was shipped to a Utah smelter, I understood it did not turn out very well, account of being poorly sorted, do not know the exact facts, as was living in Washington at this time.

C The enclosed report by Mr Cornell describes the geologic features, and further details can be brought out when an examination is made by a competent mining engineer, as well as details on the work already done including maps.

My reasons for wishing to explore - I believe that the real values if any lie at the contact of the lime and granite.

Following is a list of data that I think will interest you and have a bearing on the subject.

1 Copy of the original lease executed in 1910
2 " Report made by Mr Cornell in 1937
3 ✓ " Letter by Mr Hall - has bearing re values at contact between lime & granite
4 ✓ Four copies of assay reports as made in 1930
5 ✓ Copy of letter from Montana School Mines- showing cost of engineer to examine property cost as of to-day around $750.00
6 ✓ Cliping from 1910 paper-re the Dimond Placer and ore shipments.
7 ✓ Copy Letter from Department of Interior- results of tests of the lime rock - this is the first time I became aware that this lime deposit was a dolomite, the other quarry is a blue rock and hi calicum - 85 Calciul and 15% Mgo
8 ✓ Copy Letter from Dep't of the Interior - shows possibility of there being a magnesite ledge in present quarry.

It is my wish to have all the above material returned at a later date, when their contents will not further interest you.

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Section 4
Sub S

D There is a very good road from Anaconda right to the mine and quarries of about nine miles -graveled - and level- shipping - supplies and any employs can find living quarters at Anaconda.

E A living creek about 200 yards from Mine provides good water -spring on property. No electric power available - gasoline or deisel power would be used.

Section 5

B Mining Engineer later on will cover this with maps & drawings

C Will depend on result of this application.

D The applicant would be on the ground and have overall supervision, have had considerable mining experience, did all the accounting during the lime operations and has been in business all my life. if necessary would have a comperent foreman.

Section 6 Cannot furnish at this time - depends on Engineers report as to most feasible development to undertake.

A Probably contract with a dimond drilling concern to drill by the foot or job as appears the best at the time - diamond drilling costs about $5.50 per foot from Mr Cornells report Number 2-reports it is 110 feet to contact of lime & granite this to be verified another engineers report - it is possible it would take three or more holes to prospect right or around 500 feet or possibly $3000.00 maximun these figures are from a concern in Los Angeles - it one can be secured in Montana costs would be less.

B Take up after Engineers report

C If drilling was contracted - nothing to be purchased

D If you mean by Operator - the applicant, would have no equipment.

E Applicant has no buildings on the property-formerly there was 4 cabins, large frame barn for 12 head- all stolen.

F As Anaconda is only nine miles from the property, do not think any buildings are necessary at this time.

Section 6

G Cannot state at this time

H same as above

Section 7 As so much depends on the report of a First Class Mining Engineer - it is my thot that all other matters should wait for such a report, before I could state how much I could contribute - and after I know what your attitude would be re the costs of said engineer - also if your department has such an engineer available, and what the costs would be, or if one would have to secure an engineer from private sources - as I did make inquires in 1930 which at that time would have cost around $300.00 now it would be double.

Any further information desired will try and furnish.

Respectfully submitted

R.E. Oakley

January 8th - 1954

Montana School of Mines
Montana Bureau of Mines & Geology
Oct. 7 - 1930

$250 - $300

Frances A Thomas
Office -