DEC 2 9 1951

Mr. Harry L. Moore
Big Bear, California

Re: DMA Docket No. 2096X
Nickel, cobalt and copper
Trinity County, California

Dear Mr. Moore:

We now have reviewed your application for an exploration loan and other data recently made available to us in Washington.

The information on the subject property indicates that there is little probability of making a significant discovery of the metals noted in the application.

We regret, therefore, to inform you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Program and for your efforts in this respect.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

QLBrower:lm
12/26/51

cc: Admn. Reading File
Mails and Files Br.
C. O. Mittendorf
H. W. Davis, USBM
T. P. Thayer, USGS
Field Team Reg. III
G. C. Halfridge
Q. L. Brower

December 26, 1951

Memorandum

To: Operating Committee

Through: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division

Subject: Denial of application, Harry L. Moore, Big Bar, California
Docket No. DMA 2096

The applicant requested $6,500.00 for work ordinarily described as "prospecting". He asserts that various rare and valuable minerals are present here and there about his several located claims; asks for a total of $1,775.00 for supplies and compressor rental; proposes to hire an "engineer-assayer" and two assistants at $175.00 per day for 30 days (total $5,250.00) apparently for assaying and mineral identification purposes.

The Field Team report states that no mineral production has been made from the subject property; that no mine workings nor excavations for prospecting purposes have been made; that qualitative spectrographic analyses of various individual "float" rocks comprise the total work thus far accomplished by the applicant, who envisions a continuation of this procedure in carrying out the proposed exploration work; and that the applicant lacks sufficient mining experience to properly conduct an adequate exploration project.

QLBrewer'lm
12/26/51

SIGNED

cc: Admn. Reading File
Mails and Files Br.
Docket
Q. L. Brewer
✓ G. C. Selfridge

George C. Selfridge December 19, 1951

T. P. Thayer

DMA 2096 Cobalt-nickel Harry L. Moore

This is an example of a proposal that was regarded as worthless before field referral, and it has not changed.

The rejection is sustained.

TPThayer:gt

Paul H. Pesonen

October 16, 1951

T. P. Thayer

File.

DMA-2096 - Nickel, Cobalt & Copper
H. L. Moore, Big Bar, California

This docket has all the earmarks of a "shot gun" application based on a spectrographic analysis and very little technical knowledge. The assay to be made by the Bureau of Mines should answer some questions as to metal values. Nickel, cobalt, platinum metals and talc might all come out of serpentine, but antimony seems most unlikely in this region, and cryolite has been reported only in Greenland. These factors raise serious doubts in my mind regarding the factual basis for the application.

The applicant rather obviously will not be able to provide adequate information for an exploration contract, and the docket will have to be referred to the field, unless the B. M. analysis is negative. If referred to the field, it should be indicated that the probability of economic deposits is very small, and the competence should receive careful scrutiny. Moreover, the field examination should be scheduled in connection with other examinations.

To put it bluntly, I would say the application should be investigated only on the theory that even a stopped clock is right twice a day.

TPThayer:gt

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip Nickel Cobalt + Copper

CONTROLLED DOCUMENT

DMA Docket No. 2096

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION LOAN

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

Routing Slip

CODE 360

To:	~~From Ores Br.~~	Date	~~9-24-51~~
To:	Iron + Ferro	Date	Alloys
To:		Date	11-16-51
To:	M & N	Date	12-29-51
To:		Date	
To:		Date	
To:		Date	
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To:		Date	

aec

DO NOT DETACH

CONTROLLED DOCUMENT

INT.-DUP. SEC., WASH., D.C. 98868

FILE COPY
SURNAME:

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

200

JAN 15 1952

Mr. Harry L. Moore
Roads End Mines
Big Bar, California

Re: Docket No. DMA-2096

Dear Mr. Moore:

This will acknowledge your letter dated January 7, 1952, in which you requested the return of certain papers filed in connection with your application for exploration assistance, which was recently denied.

There are, therefore, returned to you Claim Notices Nos. 283 and 284, together with a map and assay reports dated April 23, 1951, July 9, 1951, August 15, 1951, September 14, 1951, and October 24, 1951.

Sincerely yours,

ROBERT E. ADAMS

1-15-52

Robert E. Adams
Acting Administrative Officer

Enclosures 8

READAMS/hb

Copy to: Adm. Reading File
DMEA Mails and Files ✓

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

JAN 14 10 27 AM '52

Big Bar, Calif.
Jan. 7th, 1952.

Reply by Adams 1/15-/52 HB

U. S. Department of The Interior,
Defense Minerals Administration.
Washington, D.C. Re. D.M.A. #2096.

Gentlemen:

Receipt of yours of Dec. 29, 1951 denying exploratory loan on my application which was fully anticipated by me and not in the least disappointing.

In filing my application for loan I submitted two (2) recorded mineral claim location notices which were to be returned, as I requested. This has not been done, to date. Also there is the matter of several assay reports picked up at my residence by your Mr. Warren with the stipulation that they would be returned to me. I hereby request the return of all the forementioned papers, as previously agreed upon.

2 Although your Mr. Warren did not trouble himself to look at my mineral properties, engineers in the employ of a mining corporation did and, as a result of their inspection I am now closing a deal with same corporation which, I am sure, will be mutually beneficial to both parties.

As an ex-newspaper man once employed by eastern metropolitan daily newspapers I have succeeded, through this experience in acquiring, first hand, material for an interesting and enlightening article regarding the valiant efforts being made to build up a national stockpile of strategic minerals and I wish to thank the Defense Minerals Administration for its generous contribution of interesting material, since this was not entered into as a confidential transaction.

Yours truly,
Harry L. Moore.
Rodgerd Mines,
Big Bar, Calif.

400

FILE COPY
SURNAME:

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

Brewer
Selfridge
Davis
Merrill
Thayer

DN

DEC 29 1951

Mr. Harry L. Moore
Big Bar, California

Re: DMA Docket No. 2096X
Nickel, cobalt and copper
Trinity County, California

Dear Mr. Moore:

We now have reviewed your application for an exploration loan and other data recently made available to us in Washington.

The information on the subject property indicates that there is little probability of making a significant discovery of the metals noted in the application.

We regret, therefore, to inform you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Program and for your efforts in this respect.

Sincerely yours,

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer'lm
12/26/51

cc: Admn. Reading File
Mails and Files Br.
C. O. Mittendorf
H. W. Davis, USBM
T. P. Thayer, USGS
Field Team Reg. III
G. C. Selfridge
Q. L. Brewer

12-29
JO

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

December 26, 1951

Memorandum

To: Operating Committee

Through: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division

Subject: Denial of application, Harry L. Moore, Big Bar, California
Docket No. DMA 2096

The applicant requested $6,500.00 for work ordinarily described as "prospecting". He asserts that various rare and valuable minerals are present here and there about his several located claims; asks for a total of $1,775.00 for supplies and compressor rental; proposes to hire an "engineer-assayer" and two assistants at $175.00 per day for 30 days (total $5,250.00) apparently for assaying and mineral identification purposes.

The Field Team report states that no mineral production has been made from the subject property; that no mine workings nor excavations for prospecting purposes have been made; that qualitative spectrographic analyses of various individual "float" rocks comprise the total work thus far accomplished by the applicant, who envisions a continuation of this procedure in carrying out the proposed exploration work; and that the applicant lacks sufficient mining experience to properly conduct an adequate exploration project.

George C. Selfridge

FILE COPY
SURNAME:

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

Brewer
Selfridge
Hayes

December 26, 1951

Memorandum

To: Operating Committee

Through: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division

Subject: Denial of application, Harry L. Moore, Big Bar, California
Docket No. DMA 2096

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The Field Team report states that no mineral production has been made from the subject property; that no mine workings nor excavations for prospecting purposes have been made; that qualitative spectrographic analyses of various individual "float" rocks comprise the total work thus far accomplished by the applicant, who envisions a continuation of this procedure in carrying out the proposed exploration work; and that the applicant lacks sufficient mining experience to properly conduct an adequate exploration project.

QLBrewer:lm
12/26/51

SIGNED

cc: Admn. Reading File 12-29-50
Mails and Files Br.
Docket
Q. L. Brewer
G. C. Selfridge

STANDARD FORM NO. 64

4070 9B

Office Memorandum • UNITED STATES GOVERNMENT

TO : George C. Selfridge

DATE: December 19, 1951

FROM : T. P. Thayer Thayer

SUBJECT: DMA 2096 Cobalt-nickel Harry L. Moore

File

This is an example of a proposal that was regarded as worthless before field referral, and it has not changed.

The rejection is sustained.

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 14 1951

Office of
Executive Officer
DMEA Field Team
Region III

December 10, 1951

2 Copies 12/17/51 Endorsed
Considered by Comm. 12/19/51

Memorandum

To: Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMA-2096, Application for Exploration Loan, Harry L. Moore, Roads End Mining Company, Big Bar, California - Nickel, Cobalt and Copper - $6,500

Reference is to subject letter signed by Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, dated October 31, requesting further information on applicant's property.

Attached are four copies of a memorandum prepared by John D. Warne, mining engineer, Bureau of Mines, Region III, dated November 23, concerning his investigation of the property.

According to Mr. Warne, the proposed exploration program lacks merit. There has been no mineral production, and no excavations for prospecting purposes have been made by the applicant. Insufficient work has been done on the property to permit sampling or estimation of possible ore reserves. Further consideration by the Government is not recommended.

The docket is being returned herewith.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to Edgar H. Bailey, USGS

A. C. Johnson, Chief, Mining Div., Reg. III Nov. 23, 1951

John D. Warne, Mining Engineer, Bureau of Mines, Reg. III

Docket DMA-2096 - Application for Exploration Loan, Harry L. Moore, Roads End Mining Company, Big Bar, Trinity County, California - Nickel, Cobalt, Copper - $6,500.00

Investigations in the field in connection with the subject docket were made on November 16, 1951. The applicant, Mr. H. L. Moore was contacted at his property near Big Bar, Trinity County, California and his proposed exploration project for various minerals was discussed.

No mineral production has been made in the area and no mine workings or excavations for prospecting purposes have been made to date by the applicant. However, he claims the existence of about 24 separate minerals; but fails to consider the economic aspects in connection with mining them, or the quantities requisite to warrant exploration.

From Weaverville, California, the property is accessible by automobile via 25 miles of paved road westward along California Highway No. 299, to a bridge crossing the Trinity River at Big Bar; and following an unimproved mountain road along Price Creek about one mile southward to the H. L. Moore residence.

The property is stated to consist of 16 unpatented mining claims; located in secs. 5, 6, 7, and 8, T. 4 N., R. 12 W., Trinity County, California; owned by Mr. Harry L. Moore (the applicant).

The area is rough, mountainous, and heavily timbered. Water supply for both domestic and mining purposes is plentiful; a Pacific Gas and Electric Company power line crosses the mining claims

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 14 1951

Metamorphosed rocks, comprised mostly of shales, slates, and various sediments, are predominant in the area. These complex rock formations show evidence of considerable compression, folding, and faulting. Intrusive igneous rocks are also exposed in a few places; however, a heavy overburden covers most of the rock formations.

Qualitative spectographic analysis of various individual "float" rocks comprise the total previous work performed on the property by the applicant. His proposed exploration project would employ a similar method of approach. Approximately 80 percent of the cost of his requested loan would be to employ technical assistance; and this cost is merely an estimate made by the applicant.

The results of the qualitative spectographic analysis which were made by Abbot A. Hanks, Inc. of San Francisco, Calif., do not reflect the presence of a commercial grade of ore; but show merely estimates of the metallic elements contained in the common rock forming minerals. Only one analysis showing a content of 41.8 percent manganese was impressive; and a sample of the type of rock from which this analyses is supposed to have resulted was taken by the examining engineer. This sample was taken from rock in place along a road cut on the property which appears to be of igneous origin (gabbro); and a check analysis for Mn and TiO_2 content were made by the Hydrometallurgical and Ore Dressing Branch of the Bureau of Mines, Reno, Nev. The results of this analysis are as follows:

Sample No. 1 % Mn: 0.32 % TiO_2: 1.04

It is believed that Mr. Moore is confused as to the source of his sample containing manganese and titanium. The check sample taken by the Bureau

of Mines reveals unimportant quantities of commercial minerals.

The applicant was advised as to the type of ore exposures required to allow for sampling, and for consideration by the Government to participate in an exploration project. He was also informed as to the apparent lack of merit in his proposed program.

Insufficient work has been done on the property to date to sample, or to indicate the possibility of commercial grade ore occurrences. The applicant apparently lacks sufficient mining experience to properly conduct an adequate exploration project.

It is recommended that no further consideration by the Government be given to the proposed exploration project.

John D. Warne

John D. Warne

A. C. Johnson, Chief, Mining Div., Reg. III Nov. 23, 1951

John D. Warne, Mining Engineer, Bureau of Mines, Reg. III

Docket DMA-2096 - Application for Exploration Lease, Harry L. Moore, Roads End Mining Company, Big Bar, Trinity County, California - Nickel, Cobalt, Copper - $6,500.00

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The area is rough, mountainous, and heavily timbered. Water supply for both domestic and mining purposes is plentiful; a Pacific Gas and Electric Company power line crosses the mining cla

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 14 1951

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John D. Warne

John D. Warne

360

FILE COPY
SURNAME:

Pesonen
Thayer
Davis
Thayer

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

OCT 31 1951

Mr. H. C. Miller, Executive Officer
DMA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Subject: DMA-2096 - Application for Exploration Loan - Harry L. Moore, Reads End Mining Company, Big Bar, California - Nickel, Cobalt and Copper - $6,500.

My dear Mr. Miller:

The attached application for an exploration loan for nickel, cobalt and copper, which was received by this agency does not appear to have much merit.

It is noted that the applicant expects to send a sample of his ore to the Reno laboratory for nickel assay and that a Bureau engineer visited the property.

When the assay is available and providing you have some knowledge of this deposit, it would be appreciated if you would advise us as to the merits of the application. It will not be necessary to make a detailed examination of the deposit, especially if you have knowledge of it and providing the assay report is negative.

Sincerely yours,

SIGNED

Chairman, Coordinating Committee

87 10/31

Member, Bureau of Mines

Member, Geological Survey

Attachments

PEPesonen:md
10/22/51
Copy to: Acting Adm. Reading File
Mr. Lyon
Mr. Moon
Mr. Thayer, U.S.G.S.
Mr. Davis, U.S.B.M.
DMA Field Team, Region III
Reports & Records
Mr. Pesonen

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

OCT 31 1951

Mr. M. C. Miller, Executive Officer
DMA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

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SIGNED

Chairman, Coordinating Committee

Member, Bureau of Mines

Member, Geological Survey

Attachments

PEPesonen:md
10/22/51
Copy to: Acting Adm. Reading File
Mr. Lyon
Mr. Moon
Mr. Thayer, U.S.G.S.
Mr. Davis, U.S.B.M.
DMA Field Team, Region III
Reports & Records
Mr. Pesonen

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Paul H. Pesonen

DATE: October 16, 1951

FROM : T. P. Thayer Thayer

SUBJECT: DMA-2096 - Nickel, Cobalt & Copper
H. L. Moore, Big Bar, California

This docket has all the earmarks of a "shot gun" application based on a spectrographic analysis and very little technical knowledge. The assay to be made by the Bureau of Mines should answer some questions as to metal values. Nickel, cobalt, platinum metals and talc might all come out of serpentine, but antimony seems most unlikely in this region, and cryolite has been reported only in Greenland. These factors raise serious doubts in my mind regarding the factual basis for the application.

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To put it bluntly, I would say the application should be investigated only on the theory that even a stopped clock is right twice a day.

Mr. Harry L. Moore
Big Bar, California

Subject: DMA-2096
Re: Exploration Loan

My dear Mr. Moore:

This will acknowledge receipt of your application dated September 20, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2096 and referred to the Iron Ores Branch.

Kindly refer to DMA-2096 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

Please send us the name of the property and the amount requested for your Loan.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. SEP 24 8 48 AM '51

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMA-2096
Metal or Mineral
Date Received 9-24-51
Amount $
Participation (Government %)

Harry L. Moore.
BIG BAR, CALIFORNIA.
Trinity County.

Name and address of applicant

Date Sept. 20, 1951.

If you have already filed MF-100, give date filed ✓, type of assistance requested ,

DMA Docket Number (if available) 2096

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

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

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find? Nickel. Cobalt. Cryolite. Talc. Platinum Metals. Antimony.

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it. Start in 10 days. Complete in 60 days.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

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

CERTIFICATION

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

Roads End Mining Co. (Name of company)

By Harry L. Moore. (Signature of authorized official)

Sept. 20, 1951. (Date)

Owner-Operator. (Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Harry L. Moore
Big Bar, Calif.

3 (a) A comprehensive geophysical survey of areas containing evidence of existance of minerals enumerated in 2(b), including estimates of sizes of orebodies and the mineral value of each orebody or vein.

(b) The time required to start the survey is estimated as 10 days and the work should be compleded within 60 days.

4. Map is enclosed herewith.

5. There are no buildings or installations except residence and outbuildings and access trails and footbridges to areas indicated.

6. One tool shed for storage of equipment and explosives. Estimated cost $75.00.

7 (a) Portable compressor, 6x5 horizontal, 80 C.F.M. with gasoline power plant, sinker drill and hose. Rental - 45 days @ $10.00 day - $450.00.

(b) Drill rods, bits, dynamite, caps, wire, detonater etc. Estimated cost $50.00.

(c) Shovels, picks, mauls, pry bars, wheelbarrows, tool grinder, gasoline, oil,

Harry L. Moore.
Big Bar, Calif.

carpenter tools, timberworking tools, block and tackle, rope and truck haulage of equipment and material. Estimated cost $ 650.00.

8. Drill and powder work and incidental labor to be performed by applicant. Charge for same not to exceed $ 50.00.

9. Engineer-assayer and 2 assistants at contract price of $ 175.00 per day for a period of 30 days. Total cost $ 5250.00.

10(a) $ 700.00.

(b) yes.

11. Unlimited electric power is available for mining purposes from transformer station adjoining the property. There is a good access road from the highway 1 mile distant to my residence on group mining claims. Railroad shipping point is Redding 75 miles via excellent highway which is open all year.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMA-2096
Metal or Mineral
Date Received 9-24-51
Amount $
Participation (Government %)

Name and address of applicant

Harry L. Moore.
BIG BAR, CALIFORNIA.
Trinity County.

Date Sept. 20, 1951

If you have already filed MF-100, give date filed ✓, type of assistance requested ,

DMA Docket Number (if available) 2096

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

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

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find? Nickel. Cobalt. Cryolite. Talc. Platinum Metals. Antimony.

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it. Start in 10 days, complete in 60 days.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

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

CERTIFICATION

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

Roads End Mining Co. (Name of company)

By Harry L. Moore. (Signature of authorized official)

Sept. 20, 1951. (Date)

Owner-Operator. (Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Harry L. Moore.
Big Bar, Calif.

3 (a) A comprehensive geophysical survey of areas containing evidence of existance of minerals enumerated in 2(b), including estimates of sizes of orebodies and the mineral value of each orebody or vein.

(b) The time required to start the survey is estimated as 10 days and the work should be completed within 60 days.

4. Map is enclosed herewith.

5. There are no buildings or installations except residence and outbuildings and access trails and footbridges to the areas indicated.

6. One tool shed for storage of equipment and explosives, Estimated cost $75.00.

7 (a) Portable compressor - 6x5 horizontal 80 C.F.M. with gasoline power plant, sinker drill and hose. Rental 45 days @ $10.00 - total $450.00.

(b) Drill rods, bits, dynamite, caps, wire, detonater etc. Estimated cost $50.00.

(c) Shovels, picks, mauls, prybars, wheelbarrows, tool grinder, gasoline, oil, carpenter

Harry L. Moore.
Big Bar, Calif.

carpenter tools, timber working tools, block and tackle, rope and truck haulage of material and equipment.

Estimated cost $ 650.00.

8. Drill and powder work and incidental labor to be performed by the applicant. Charge for same not to exceed $50.00.

9. Engineer-assayer and 2 assistants at contract price of $175.00 per day for a period of 30 days. Total cost $5250.00.

$700.00.

10 (a)

(b) Yes.

11. Unlimited electric power is available for mining purposes from transformer station adjoining property. There is a good access road from the highway 1 mile distant to my residence on group mining claims. Railroad shipping point is Redding 75 miles via excellent highway which is open all year.

Informative Data.

Harry L. Moore.
Big Bar, Calif.

1.(a) Real property involved lies in and adjacent to a canyon along the course of Price Creek in sections 7 and 8 and is undeveloped excepting a number of preleminary exploratory "gouges" or shallow drifts. The area is timbered with a 'virgin' stand of Douglas fir, white fir, oak, yew. An ample and sufficient water supply is available throughout the year for full mining operations, including mills etc.

(B) Real property is held under mining claims, unpatented, origionals of which are enclosed herewith. Please return.

(C) S.E. ¼ Sec. 7 and S.W. ¼ Sec. 8, Twp. 33 N; Range 12 W. Mt. Diablo Meridian; Trinity County, California. (Adjoining)

2 (a) See MF103, attached.

(b) Country rock is granite, apparently intrusive, in area (see map), contacting porphery, as indicated on map, with porphery, quartz and hornblende in areas B and C (map).

(continued)

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

SEP 24 8 50 AM '51

2-a-

Harry L. Moore.
Big Bar, Calif.

Several niccolite float boulders have been found at locations indicated on map and also 50 feet from residence; Evidence of cobalt in quantity is indicated by the presence of this mineral in various small quantities in the vicinity of niccolite float; Two steatite float boulders, unscoured, were found on benches near the creek at points indicated on map; Location of cryolite outcrop is also indicated, approximately 60 feet uphill from the creek; Platinum metals and gold show in the serpentine; Chrysotile is in the creek bed about 80 feet downstream from the steatite float and is 6 feet wide, 12 feet long and apparently in place.

An assay report of surface rock sample taken near residence is enclosed. Please return.

Mica float is scattered throughout the area, apparently Lepidolite and Muscovite. Positive identification to be made by Engineer-assayer.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. SEP 24 8 49 AM '51

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMA-2096
Metal or Mineral
Date Received 9-24-51
Amount $
Participation (Government %)

Name and address of applicant

Harry L. Moore.
BIG BAR, CALIFORNIA.
Trinity County.

Date Sept. 20, 1951.

If you have already filed MF-100, give date filed ✓, type of assistance requested ,

DMA Docket Number (if available) 2096

INSTRUCTIONS

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

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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2. (*a*) What metals or minerals do you expect to find? Nickel. Cobalt. Cryolite. Talc. Platinum Metals. Antimony.

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

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ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it. Start in 10 days - complete in 60 days.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

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   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

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10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

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

CERTIFICATION

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

Roads End Mining Co. (Name of company) By Harry L. Moore. (Signature of authorized official)

Sept. 20, 1951. (Date) Owner-Operator. (Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

1-B-

Harry L. Moore.
Big Bar, Calif.

3(a) A comprehensive geophysical survey of areas containing evidence of existance of minerals enumerated in 2(b), including estimates of sizes of orebodies and the mineral value of each orebody or vein.

(b) The time required to start the survey is estimated as 10 days and work should be completed within 60 days.

4. Map is enclosed herewith.

5. There are no buildings or installations except residence and outbuildings and access trails and footbridges to areas indicated.

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7(a) Portable compressor 6x5 horizontal 80 C.F.M. with gasoline power plant, sinker drill and hose. Rental - 45 days @ $10.00 day - Total $450.00.

(b) Drill rods, bits, dynamite, caps, wire, detonator etc. Estimated cost $50.00.

(C) Shovels, picks, mauls, prybars, wheelbarrows, tool grinder, gasoline, oil,

2-b-

Harry L. Moore.
Big Bar, Calif.

tools, timberworking tools, block and tackle, rope and truck haulage of equipment and material. Estimated cost $ 650.00.

8 Drill and powder work and incidental labor to be performed by applicant.
Charge for same not to exceed $50.00.

9. Engineer-assayer and 2 assistants at contract price of $175.00 per day for a period of 30 days. Total cost $5250.00.

$700.00.

10 (a)

(b) yes.

11. Unlimited electric power is available for mining purposes from transformer station adjoining the property. There is a good access road from the highway 1 mile distant to my residence on group mining claims. Railroad shipping point is Redding 75 miles via excellent highway which is open all year.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. SEP 24 8 50 AM '51

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMA-2096
Metal or Mineral
Date Received 9-24-51
Amount $
Participation (Government %)

Name and address of applicant

Harry L. Moore.
BIG BAR, CALIFORNIA.
Trinity County.

Date Sept. 20, 1951.

If you have already filed MF-100, give date filed ✓, type of assistance requested ,

DMA Docket Number (if available) 2096

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   (*c*) Furnished by you

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    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

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

CERTIFICATION

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

Rudd East Mining Co. (Name of company) By Harry L. Moore. (Signature of authorized official)

Sept. 20, 1951. (Date) Owner-Operator. (Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

1-b

Harry L. Moore.
Big Bar, Calif.

3 (a) A comprehensive geophysical survey of areas containing evidence of existance of minerals enumerated in 2(b), including estimates of sizes of orebodies and the mineral value of each orebody or vein.

(b) The time required to start the survey is estimated as 10 days and the work should be completed within 60 days.

4. Map is enclosed herewith.

5. There are no buildings or installations except residence and outbuildings and access trails and footbridges to areas indicated.

6. One tool shed for storage of equipment and explosives. Estimated cost $ 75.00.

7 (a) Portable compressor 6x5 horizontal. 80 C.F.M. with gasoline power plant, sinter drill and hose. Rental @ $10 per day, 45 days, $ 450.00

(b) Drill rods, bits, dynamite, caps, wire, detonater etc. Estimated cost $ 50.00.

(c) Shovels, picks, mauls, pry bars, wheelbarrows, tool grinder, gasoline, oil, carpenter

Harry L. Moore.
Big Bar, Calif.

tools, timber working tools, block and tackle, rope and truck haulage of equipment and material. Estimated cost $650.00

8 Drill and powder work and incidental labor to be performed by applicant. Charge for same not to exceed $50.00

9. Engineer-assayer and 2 assistants at contract price of $175.00 per day for a period of 30 days. Total cost $5250.00.

$700.00

10 (a)

(b) yes.

11. Unlimited electric power available from transformer station adjoining property for mining purposes. There is a good access road from the highway 1 mile distant to my residence on group mining claims. Railroad shipping point is Redding 75 miles via excellent highway which is open all year.

Big Bar, Calif.
Oct. 1st, 1951.

Defense Minerals Administration,
Washington, D.C.
Attention Mr. Robert E. Adams.

Dear Sir:

Referring to your inquiry of Sept. 24th, the amount of loan requested is $6500.00 and the name of the property is Rocky End Mining Company. I have just found an outcrop of almost pure nickel and am contacting Mr. Johnson of Reno, Nevada Regional Office #3 re submission of a sample for assay purposes.

Respectfully yours,
Harry L. Moore.
D.M.A. 2096.
Big Bar, Calif.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

SEP 25 8 58 AM '51

OFFICIAL FILE COPY

To	Init.	Date
366	87	9/21
210		

Big Bar, Calif.
Sept. 22, 1951.

Defense Minerals Administration,
Department of the Interior,
Washington, D. C.

Gentlemen:

Through the medium of the several mining periodicals to which I subscribe I have learned of the present acute shortage of nickel and have, therefore, been prosecuting a diligent search for same throughout this copper-bearing area and yesterday my efforts were rewarded in the finding of a very large, or extensive ore body of high grade nickel-cobalt-antimony situated on two of my mining claims near Big Bar, California.

Previous spectrographic tests have shown the presence of nickel and cobalt in varying amounts which were not of sufficient quality to constitute a commercial ore of those minerals.

In my recent discovery, however, the mineral content shows such a marked increase as to leave no doubt as to it's commercial value and no sample has been sent for analysis as yet, a report on same usually requiring an interim of two weeks or more. Some 6 weeks ago a field man from the Reno, Nevada office called at my place while I was at the local store and away from home one hour but he did not wait for my return and, unfortunately I did not see him, which I regretted very much as I have excellent ore deposits of several metals and minerals of strategic importance which I was very desirous that he see.

My chief concern is to see these minerals added to the defence stockpile, where, apparently, they are vitally needed but I am in a quandry as to proper method of procedure to achieve that purpose. I have no financial assets and my lack of adequate experience does not qualify me to attempt

the construction and operation of necessary mining and milling installations. There is unlimited electric power available at the premises, ample water and timber supply and a good access road which must be extended ½ mile up the creek bottom to reach the nickel ore body. The reports of spectrographic analyses show also molybdenum; zirconium; lead; strontium; potassium; barium; vanadium; chromium; copper (3%); calcium; sodium; titanium; manganese; aluminum; magnesium; steatite; asbestos, besides some silver, gold and platinum group metals. My 16 mining claims comprise only a fraction of the mineralized area.

Any suggestion as to further procedure would be greatly appreciated by,

respectfully yours,
Harry L. Moore.
Big Bar, Calif.
Trinity County.

Map
2 Deeds
Lema 2020

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

OFFICIAL BUSINESS

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