FILE COPY
SURNAME:

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

OCT 31 1952

Mr. Charles MacKenzie
Philipsburg, Montana

Re: Docket No. [illegible]-1138
(Copper-Molybdenum)
Brandon Claim Group
Beaverhead Forest, Montana

Dear Mr. MacKenzie:

Reference is made to your letter dated October 14, 1952, in which you disagreed with our decision in denying exploration aid on the captioned project.

We have made another review of the material contained in your application, the Field Team Engineer's report and other available related data, but have found no basis to justify Government participation in the proposed exploration of your property. We regret therefore to advise that our decision to deny Government aid for your proposed project has not changed.

If however, additional work on your property reveals information which makes the project feasible, an application may be submitted for consideration.

Sincerely yours,

C. C. Mittendorf (for)

Administrator

10-31-52

FLKnouse/jem 10/24/52
cc to: Adm. Reading File
Docket
Messrs: CHJohnson-3621
AHKinkel-5214
Ellis Knouse
Opr. Committee
Field Team, Region II (2)-including
copy of MacKenzie letter

Dillon Mont.
Oct. 14 1957

D.M.E. Administrator
Washington D.C.

Dear Sir.

With respect to your letter of Sept. 22, denying my Application for Government aid to develope my Mining Property in Beaverhead County Mont. I am indeed surprised that you would relie on 3rd grade engineers by the name of Popoff and McNab of the Bureau of Mines to Appraise my Mining Property and its Potentiality. That

FILE COPY
700 SURNAME:

F L Knouse
Johnson
Hedges
Bates
Fitzhugh

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

SEP 22 1952

Mr. Charles MacKenzie
Dillon, Montana

Re: Docket No. DMEA-1138
(Copper-Molybdenum)
Amadon Claim Group
Beaverhead Forest, Montana

Dear Mr. MacKenzie:

Reference is made to your application for Government aid on the captioned project in the amount of $100,000.

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

A careful study of your application and data available to this Agency and an examination made during August and September, 1951, of the property concerned reveal that the probability of disclosing minable reserves by your proposed exploration program is not considered sufficiently promising to justify Government participation. Under these circumstances, we regret to advise that your application for exploration aid is denied.

If additional work on your property reveals information which makes the project feasible, an application may be submitted for consideration.

Sincerely yours,

C. O. Mittendorf (fw) 9-22-52

Administrator

FLKnouse/gla 9-18-52
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. D.A.Lemmon, Rm. 5216 GSA
C.E.Johnson, Rm. 3621
Ellis
Knouse
DMEA Field Team, Region II (2)

9/18/52 gla

IN REPLY REFER TO:

G-MD-CF

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

September 16, 1952

RECEIVED
SEP 17 1952

Memorandum

To: E. W. Ellis, DMEA

From: D. M. Lemmon, USGS

Subject: Field report
Amadon Group
Charles MacKenzie
Beaverhead County, Montana

DMEA 1138 - Mo, Cu

The Amadon claims were examined August 9, 1948 by W. B. Myers of the Geological Survey, and again in August or September 1951 by C. C. Popoff and J. S. McNabb of the Bureau of Mines.

A memorandum report by W. B. Myers, dated August 29, 1952, recommends denial of the application for exploration because the prospect has no merit. This recommendation is approved by J. S. McNabb.

I agree that the application should be denied.

D M Lemmon

IN REPLY REFER TO:

G-MD-CF

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

September 16, 1952

DEPARTMENT OF THE INTERIOR
Colorado Minerals Administration
RECEIVED
SEP 17 1952

Memorandum

To: E. W. Ellis, DMEA

From: D. M. Lemmon, USGS

Subject: Field report DMEA 1138 - Mo, Cu
Amaden Group
Charles MacKenzie
Beaverhead County, Montana

The Amaden claims were examined August 9, 1948 by W. B. Myers of the Geological Survey, and again in August or September 1951 by C. C. Popoff and J. S. McNabb of the Bureau of Mines.

A memorandum report by W. B. Myers, dated August 29, 1952, recommends denial of the application for exploration because the prospect has no merit. This recommendation is approved by J. S. McNabb.

I agree that the application should be denied.

Don Lemmon

DMLemmon:gt

Walker

U. S. BUR...
RE...
SEP 10 1952
SPOKANE, WASHINGTON

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

So. 157 Howard Street
Spokane 4, Washington

September 10, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

Re: Docket No. DMEA-1133
Amadon Claim group
Beaverhead County, Montana

Dear Sir:

Enclosed are four copies of a report by W. B. Myers on the Amadon Claim group, Beaverhead County, Montana. The report is based on a previous study of the area made by the author, coupled with an investigation of the same area by U. S. Bureau of Mines personnel at a later date, although neither study concerned the DMEA program.

Mr. Myers recommends denial of the captioned application with the concurrence of U. S. Bureau of Mines officials. The Field Team is in agreement with these recommendations.

By DMEA Field Team, Region II

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

R. E. Wolin, Member
(U. S. Bureau of Mines)

Enclosure

cc: [illegible], Spokane (2)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

So. 157 Howard Street
Spokane 4, Washington

August 29, 1952

Memorandum

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

From: W. B. Myers, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-1138 (Revised)--Copper, molybdenum
Charles MacKenzie, Amadon Claim Group, Beaverhead Forest, Beaverhead County, Montana

It is recommended that Mr. MacKenzie be denied any DMEA aid in the exploration of the Amadon claim group.

The Amadon group of claims lie within the NW¼ Willis quadrangle, recently mapped by the writer at a scale of 1/24,000. The following summary statement has been prepared from unpublished material in the writer's files. No field examination has been made for the purpose of writing this statement.

A comparison of the applicant's sketch with the writer's geologic map indicates that the Amadon claims are in the NW¼ Sec. 8, of the unsurveyed T. 5 S., R. 11 W. Workings corresponding in position to those on the applicant's sketch lie about 1200 feet south of Pear Lake at an elevation of 3920 feet near the head of a large compound glacial basin.

The workings, examined on August 9, 1948, during the course of district mapping, consisted of a caved drift and a partially caved 30-foot cut above and about 30 feet west of the portal of the drift. The workings, entirely in quartz monzonite, explored an iron-stained sheared and altered zone striking N. 70° E. and dipping 70° NW. In the walls of the cut, the zone appeared to be from 4 to 8 feet wide. About five tons of white quartz, containing pyrite and a few films of a dark sulphide, lie on the dump of the cut. The quartz probably represented a local pod in the shear zone as no quartz was noted in the cut walls, on the drift dump as along the strike on the surface.

The only other exposures of mineralization, natural or artificial, known to the writer in the vicinity are about 900 feet south where the dump of a trench in a similar sheared and altered zone in the quartz monzonite displays a few quartz stringers with a trace of chalcopyrite. Molybdenite occurs at several localities north and west of the area shown on the applicant's sketch.

C. C. Popoff and J. S. McNabb of the Bureau of Mines, in the course of a Mineral Industry Survey examined the applicant's prospects in August or September of 1951, several months after the original application was submitted. According to McNabb, no new work had been done at the prospect south of Pear Lake. McNabb concurs with the writer in the belief that the prospect has no promise as a producer of any metallic minerals.

W. B. Myers

cc: DMEA (4)
USBM (2)
USGS (SRO)
Myers

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
SEP 15 1952

September 10, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-1138
Amadon Claim group
Beaverhead County, Montana

Dear Sir:

Enclosed are four copies of a report by W. B. Myers on the Amadon Claim group, Beaverhead County, Montana. The report is based on a previous study of the area made by the author, coupled with an investigation of the same area by U. S. Bureau of Mines personnel at a later date, although neither study concerned the DMEA program.

Mr. Myers recommends denial of the captioned application with the concurrence of U. S. Bureau of Mines officials. The Field Team is in agreement with these recommendations.

By DMEA Field Team, Region II

FOR: Thor K. Kilsgaard
A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M E Volin
M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosure

cc: USBM, Spokane (2)

Reviewed by
DMEA OPERATING COMMITTEE
9/17/52
(date)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

So. 157 Howard Street
Spokane 4, Washington

August 27, 1952

Memorandum

To: Mr. A. E. Gissenborn, Executive Officer, DMA Field Team, Region II

From: J. B. Myers, Geologist, U. S. Geological Survey

Subject: Docket No. DMA-1133 (Revised)—Copper, molybdenum
Charles MacKenzie, Amadon Claim Group, Beaverhead Forest,
Beaverhead County, Montana

It is recommended that Mr. MacKenzie be denied any DMA aid in the exploration of the Amadon claim group.

The Amadon group of claims lie within the Big Hills quadrangle, recently mapped by the writer at a scale of 1/24,000. The following summary statement has been prepared from unpublished material in the writer's files. No field examination has been made for the purpose of writing this statement.

A comparison of the applicant's sketch with the writer's geologic map indicates that the Amadon claims are in the NW¼ Sec. 4, of the unsurveyed T. 5 S., R. 11 W. workings corresponding in position to those on the applicant's sketch lie about 1200 feet south of Four Cabin at an elevation of 7020 feet near the head of a large compound placid basin.

The workings, examined on August 7, 1951, during the course of detailed mapping, consisted of a caved drift and a partially caved 3-foot cut about 60 feet east of the portal of the drift. The workings, entirely in quartz monzonite, exposed an iron-stained mineral and mineral zone striking N. 70° E. and dipping 70° N. In the walls of the cut, the zone appeared to be from 4 to 5 feet wide. About five tons of white quartz, containing pyrite and a few films of a dark red mineral, lie on the dump of the cut. The quartz probably represented a lenticular mass. No quartz was noted in the cut walls, or in the drift but as noted, the strike on the surface.

The only other exposures of mineralization, natural or artificial, known to the writer in the vicinity are about 900 feet south where the adit of a branch in a similar sheared and altered zone in the quartz monzonite displays a few quartz stringers with a trace of chalcopyrite. Molybdenite occurs at several localities north and west of the area shown on the applicant's sketch.

C. C. Popoff and J. S. McKibb of the Bureau of Mines, in the course of a mineral industry survey examined the applicant's prospects in August or September of 1951, several months after the original application was submitted. According to McKibb, no new work had been done at the prospect south of Bear Lake. McKibb concurs with the writer in the belief that the prospect has no promise as a producer of any metallic minerals.

W. B. Myers

cc: DMEA (4)
GSBM (2)
GGIS (RD)
Myers

FILE COPY
SURNAME:
700

F. Knouse

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

AUG 4 1952

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

Re: Docket No. [illegible]-1138 (Copper-Molybdenum)
Charles McKenzie
Madon Claim Group
Beaverhead Forest, Montana

Dear Mr. Weissenborn:

Reference is made to our letter of [illegible] 1, 1952, transferring the above-docketed original application and the revised [illegible]-1 3 to your office for a field examination when the Field Team had other examinations to make in that area.

For a matter of record, will you please advise whether an examination has been made or, if not, is one scheduled at an early date?

Sincerely yours,

(signed) FRANK E. JOHNSON (JHB)

Chairman, Operating Committee

JN. 8-4-52

Concur: J. H. Hedges (JHB)
Director, Bureau of Mines

J. M. Kommedahl (JB)
Director, Geological Survey

FLKnouse/jem
7/30/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-3621
Ned Nelson-4216
Ellis Knouse
Opr. Com.
Field Team, Region II

FILE COPY
700 SURNAME:

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

F.L. Knouse
Ellis
H. Johnson

MAY 1 1952

Mr. Charles MacKenzie
Dillon, Montana

Re: Docket No. DMEA-1138 (Copper-Molybdenum)
Amadon Claim Group
Beaverhead Forest, Montana

Dear Mr. MacKenzie:

Your application for assistance in exploring your property in Madison County, Montana, under the above captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration and has been referred to Mr. A. E. Weisenborn, Executive Officer, Region II, DMEA Field Team, South 157 Howard Street, Spokane 8, Washington, for a field examination.

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

Sincerely yours,

C. O. Mittendorf (for) J.N. 5-1-52

Acting Administrator
Defense Minerals Exploration
Administration

FLKnouse/jem
4/29/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson, Rm. 3621
Ned Nelson, Rm. 4216 GSA
Ellis
Knouse
Field Team, Region II (2)

700 FILE COPY
SURNAME:

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

AIR MAIL

MAY 1 1952

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

Re: Docket No. DMEA-1138 (Copper-Molybdenum)
Charles MacKenzie
Amadon Claim Group
Beaverhead Forest, Montana

Dear Mr. Weissenborn:

The captioned application is referred to your office for a field examination when the Field Team has other examinations to make in the area.

A copy of a memorandum from Mr. Robert W. Swenson, dated April 23, 1952, outlining important questions to be considered by the Field Team is enclosed.

If your office recommends either the program submitted by the applicant or an alternate program approved by the applicant, maps or sketches showing the proposed work in relation to the geology, sample data, and claim lines, with detailed costs of the recommended work as is outlined in Form MF-103 should accompany the report.

The description and cost of equipment units required to do the work (classified as units to be purchased or rented) and fair market value and description of units to be furnished by the operator should also accompany the report. If all or any part of a recommended program is to be done by a contractor it should be so indicated and a detailed breakdown of the cost for the part to be contracted supplied. If an exploration program is recommended we will require from the applicant a list of the mining claims or property on which the work is to be done and any adjoining claims or property controlled by the applicant, where the claims or property are recorded, book number, page and entry date.

We are enclosing Forms MF-103 revised and MF-103 original submitted by the applicant.

When we receive your recommendations covering the captioned case we will be able to continue processing this application.

Sincerely yours,

(signed) FRANK E. JOHNSON
(NB) Chairman, Operating Committee
Defense Minerals Exploration Administration

Enclosures
APPROVED: W. H. Hedges (RL)
Member, Bureau of Mines

Dan Lemmon (RL)
Member, Geological Survey

FLKnouse/jem 4/29/52
cc to: Adm. Reading File
Docket
Messrs. CJohnson, 3621
Ned Nelson, 4216G
Ellis Knouse
Opr. Com.
Field Team, Reg.II

5-1-52

4/25/52 glu

IN REPLY REFER TO:

G-MD-DML

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

April 24, 1952

Memorandum

To: E. W. Ellis, DMEA

From: D. M. Lemmon, USGS

Subject: Amended exploration application DMEA 1138-Mo, Cu, U, Ni, Ag, Co, W
Charles Mackenzie
Dillon, Montana
(Amadon claims)

The very sketchy application does not give the location of the property, adequate geologic information and assays, evidence of financial ability to provide $50,000 as the applicant's share, total cost of project, any justification for the projects, reasonable breakdown of costs, and information about the competence of the applicant. Apparently Form MF-100 was not filed.

Unless the applicant can provide some information, the application should be denied. I suggest that you write once more to MacKenzie.

DM Lemmon

DEPARTMENT OF THE INTERIOR
Bureau of Land Management
RECEIVED
APR 25 1952

IN REPLY REFER TO:

Q-MD-DE

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

April 24, 1952

Memorandum

To: E. W. Ellis, DMEA

From: D. M. Lemmon, USGS

Subject: Amended exploration application Charles Mackenzie Dillon, Montana (Amadon claims)

DMEA 1130-Mo, Cu, U, Ni, Ag, Co, [illegible]

The very sketchy application does not give the location of the property, adequate geologic information and assays, evidence of financial ability to provide $50,000 as the applicant's share, total cost of project, any justification for the projects, reasonable breakdown of costs, and information about the competence of the applicant. Apparently Form MF-100 was not filed.

Unless the applicant can provide some information, the application should be denied. I suggest that you write once more to MacKenzie.

DM Lemmon

IN REPLY REFER TO:

G-MD-DM

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

April 24, 1952

Memorandum

To: E. W. Ellis, DMEA

From: D. M. Lemmon, USGS

Subject: Amended exploration application
Charles Mackenzie
Dillon, Montana
(Amadon claims)

DMEA 1138-Mo, Cu, U, Ni, Ag, Co, W

The very sketchy application does not give the location of the property, adequate geologic information and assays, evidence of financial ability to provide $50,000 as the applicant's share, total cost of project, any justification for the projects, reasonable breakdown of costs, and information about the competence of the applicant. Apparently Form MF-100 was not filed.

Unless the applicant can provide some information, the application should be denied. I suggest that you write once more to MacKenzie.

Dm Lemmon

IN REPLY REFER TO:

0-MD-DM

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

April 24, 1952

Memorandum

To: E. W. Ellis, DMEA

From: D. M. Lemmon, USGS

Subject: Amended exploration application
Charles Mackenzie
Dillon, Montana
(Amadon claims)

DMEA 1138-Mo, Cu, U, Ni, Ag, Co, W

The very sketchy application does not give the location of the property, adequate geologic information and assays, evidence of financial ability to provide $50,000 as the applicant's share, total cost of project, any justification for the projects, reasonable breakdown of costs, and information about the competence of the applicant. Apparently Form MF-100 was not filed.

Unless the applicant can provide some information, the application should be denied. I suggest that you write once more to MacKenzie.

D M Lemmon

4/25/52 gh

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

April 24, 1952

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: 1138X, Charles Mackenzie, Amadon copper - molybdenum prospect

I agree with Mr. Geehan's recommendation (memo to you 4/23/52) that the Field Team be requested to make an examination and report at its convenience, and if the prospect has merit, to endeavor to work out a reasonable exploration application.

C. H. Johnson

C. H. Johnson

Copy to Mr. Nelson, Room 4216 GS
Mr. Lemmon, Room 5216 GS
Mr. Geehan, Room 3521
Mr. Johnson
Base Metals Branch
Files

4/23/52 gla

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

April 23, 1952

Memorandum

To: Ernest W. Ellis, DMEA

From: Robert W. Geehan, Bureau of Mines

Subject: DMEA-1138 (Revised) - Copper, Molybdenum
Charles MacKenzie
Dillon, Montana

This application is not complete and it is obvious that additional correspondence with the applicant will not supply the needed information. It is apparent that Mr. MacKenzie is not able to cope with our red tape and that he would be unable to supervise a $100,000 exploration project.

The Bureau has examined several molybdenum prospects in Madison County, but none seem to fit this deposit.

It is recommended that the Field Team be requested to examine this deposit if they have other work in the area. No special trip is warranted. If inspection reveals that exploration is desirable, Mr. MacKenzie will require assistance in filing an application. A much less expensive program may be discussed with him, say a few surface trenches, for example. The costs should include a bookkeeper.

If any of the other commodity men involved have any knowledge regarding the deposit, it may be possible to reject this application with no field examination.

Robert W. Geehan

Robert W. Geehan

Attachment

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. DMEA-1138 (REVISED)
Metal or Mineral
Date Received 4-21-52
Amount $
Participation (Government %)

Name and address of applicant

Charles MacKenzie
Dillon
Montana

Date April 19 1952.

If you have already filed MF-100, give date filed 1951, type of assistance requested ,

DMA Docket Number (if available) ~~1138X~~.

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?

   (*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.

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.

---------- (Name of company)	By ---------- (Signature of authorized official)
---------- (Date)	---------- (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.

Two claims end to end known as Amadon Group with a vien 13 feet wide and about 3000 feet long no operating property. 6. The exploration will be conducted in the center of the claims where they join to gether.

2.A. Molybdenum copper Uranium and Nickel Silver cobalt Tungsten as Secondary Minerals. 2.B. The vien lies in granite formation and these Metals are present to a More or less degree at near surface.

3.A to Sink a shaft in the center of the two claims 500 feet deep and drift on the vien 500 feet and explore the foot wall 150 for Parellel viens 3.B. will take about 4 month to Start the project and two years to complete it.

b.

will need to build 4 houses for the Mining camp. estimate cost $4000 each.

To be purchased one Bulldog $1500
compress with Diesel engine $1500
Head Frame for Shaft with Bucket $3000
Drills pipes cars rails other Tools $6000

8. 7 Miners at 1-75 per Hour
2 Muckers at 1 75 an Hour
1 Timber man " 1 75 an Hour
one Superviser at 600 per Month.

9 Miscellaneous Materals and Supplies
$5000. including two trucks $6000

10. A. $50,000 10. B. Yes.

11. This Property is new ground and shows great promice of Success.

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. DMEA-1138 (REVISED)
Metal or Mineral
Date Received 4-21-52
Amount $
Participation (Government %)

APR 21 1952
Defense Minerals Administration

Name and address of applicant: Charles Mackenzie
Dillon
Montana,

Date April 19 1952

If you have already filed MF-100, give date filed 1951, type of assistance requested Loan,

DMA Docket Number (if available) ~~1138~~

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?

   (*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.

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.

(Name of company)	By Charles MacKenzie (Signature of authorized official)
(Date)	(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

To claims end to end known as Amadon Group with a vien 13 feet wide and about 3000 feet long. no operating Property b. The exploration will be conducted in the center of the claims where they join together.

2.A. Molybdenum copper Uranium and Nickel Silver cobalt Tungsten as Secondary Minerals. 2.B. The vien lies in granite formation and these Metals are present in a more or less degree at near surface.

3.A. To sink a shaft in the center of the two claims 500 feet and drift on the vien 500 feet. and explore the foot wall 150 feet for parellel viens. 3.B. will take about 4 Month to start the project and two years to complete it.

b will need to build 4 houses for the Mining camp estimate cost $4000 each.

7. to be purchased one Bulldozer $1500
compresser with Diesel engine $1500.
Head Frame for shaft with Bucket $3000
Drills pipes cars rails other tools $6000.

8. 7 Miners at 1-75 an Hour
2 Muckers at 1 75 an Hour
1 Timberman 1 75 an Hour
one Superviser at 600 a Month.

9. Miscellaneous Materals and Supplies $5000. Including two Trucks $6000

10 A $50,000 10 B. Yes

11 This property is new ground and Shows great promise of Success.

700

FILE COPY
SURNAME:

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

AIR MAIL

APR 4 1952

Mr. Charles Mackenzie
Dillon, Montana

Re: Docket No. DMA-1138X
(Copper and Molybdenum)
Amadon claims

Dear Mr. Mackenzie:

A review of the above docketed application reveals you advised this office on January 7, 1952, that your application for exploration aid would be resubmitted. The necessary forms and other pertinent information were forwarded to you on January 17.

Inasmuch as we have received no reply, we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data has not been received by May 5, 1952, we will then consider the docket closed.

Sincerely yours,

SIGNED

Ernest M. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

MLAult/EMEllis/gla
4-3-52
cc to: Adm. Reading File
Docket
Messrs. C.A.Johnson, Rm. 3621
Ned Nelson, Rm. 4216 GS
Ellis
Field Team, Reg. II (2)

FILE COPY
SURNAME:

Ellis
Mutt

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

AIR MAIL

JAN 17 1952

Mr. Charles Mackenzie
Dillon, Montana

Re: Docket No. DMA-1130X (Copper and Molybdenum)

Dear Mr. Mackenzie:

Your communication of January 7, 1952, advising that you wish to resubmit your application for exploration aid, is acknowledged.

Accordingly, we enclose five copies of form MF-103 and MF-100. Four copies of each form should be submitted, and one copy retained for your file. It is noted from our file that a copy of the pertinent regulations, Form MO-5, was forwarded to you on April 16, 1951, and also the May 14, 1951, Press Release, giving a detailed explanation of the minerals exploration assistance program of the Defense Minerals Exploration Administration, was sent you on June 4, 1951. These forms, together with the explanation set forth in Mr. Gowen's letter of July 25, 1951, should enable you to complete your new application.

Please note that under exploration projects no items should be included that are not strictly necessary for exploration purposes. All questions on form MF-103 should be answered in complete detail, on separate sheets of paper, preferably with maps or sketches showing location, width and assay of samples, together with location of proposed exploration work. A clear description of the latter is desirable, together with its objectives and geological basis.

Should you desire additional information you may write us direct, or direct your inquiry to Mr. A. L. Weissenborn, Executive Officer, Field Team II, South 157 Howard Street, Spokane, Washington.

Sincerely yours,

Ernest Wm. Ellis, Acting Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

Enclosures
EWEllis/gla/jem
1-16-52
cc to: Adm. Reading File
Mails & Files Br.
1-17-52
J.O.

Mr. Ellis
Field Team, Reg. II (2)

Docket No. 11387.

Dillon Mont.
Jan. 7 1952.

gh 1/4/52

Chief copper Branch
Defence Minerals Administration
Washington D. C.

Dear Sir, According to your letter of July 25 1951. I wish to resubmit my Application for exploration aid on the strengh of copper & Molybdenum showings in Amadan claims.

Also I wish to Appy for a loan of $250,000 to develope a Group of 13 claims in the same district known as Blackmore, carrying Molybdenum Tungsten & copper.

Trusting this request will be given careful consideration.

respectfully yours
Charles Mackenzie.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
JAN 11 8 46 AM '52

FILE COPY
SURNAME:

RWaugh
Gowen

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

July 25, 1951

Mr. Charles Mackenzie
Dillon
Montana

Re: Docket No. DMA-1138X

Dear Mr. Mackenzie:

This is to acknowledge your letter of July 18, 1951 enclosing a map showing your trenching and assay results.

The assays which you have submitted show insufficient uranium to justify an exploration project based on 90% Government parcipitation. However from your 2.59 copper and 1.61 molybdemum assays you would have a better chance for exploration aid for copper and molybdemum on a 50-50 matching fund basis- the Government supplying 50% of the estimated cost of the project.

Should you wish to resubmit your application on this basis we would be pleased to accept and consider it for Government assistance.

Very truly yours,

J. B. Gowen

J. B. Gowen, Chief
Copper Branch

RVWaugh:jp

Copy to: Region II, w.ci.
Reports and Records Branch, w.c.i.
Copper Branch, w.c.i.
Files

DMA 1138

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. dma-1138X

Date received 5/9/51

Participation

Charles Mackenzie
Dillon
Mont.

Name and address of applicant

Date 5/5/1951.

FILL IN THIS BLOCK

Date of application May 5 1951.

Estimated cost 100,000

Mineral or metal Copper Uranium

Percentage of Government participation 90 percent.

Location of mine Upper Birch Creek
Beaver Head Forest.

Date of filing MF-100 not filed

DMA Docket Number, if available dma-1138X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

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

    NOTE.—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 (*b*) 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.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

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.

(Name of company)	By Charles MacKenzie (Signature of authorized official)
(Date)	Applicant (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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Mr. Gomez

Dillon Mont.
July 18 1951.

Chief Copper Branch DMA.

Dear Sir.

I am enclosing the information you requested concerning my mining claims in the birch creek district of Beaverhead national Forest. I Trust it will be sufficient in regards to a grant of money for its development will supply further information on order.
Map is enclosed herewith.

respectfully
Charles MacKenzie.

Docket No. DMA 11381.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 23 1951
LANDON F. STROBEL
Executive Secretary

FILE COPY
SURNAME:

Gowen

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

June 26, 1951

Mr. Charles Mackenzie
Dillon
Montana

Re: Docket No. DMA-1138X

Dear Mr. Mackenzie:

This is to acknowledge your letter of June 10, 1951.

A contract cannot be negotitated until all information requested in my letter to you of June 4, 1951 has been supplied. We also need more information on your property before a field team investigation is justified.

Very truly yours,

J. B. Gowen, Acting Chief
Copper Branch, DMA

Copy to: Executive Secretary, w.c.i.
A. E. Weissenborn, w.c.i.
South 157 Howard Street, Spokane, Wash.
Copper Branch, w.c.i.
Files

RVWaugh:jp

Docket 1138

856

Re: Docket No DDM. 1138x.

Dillon
Mont.

June 10 1951.
ans'd 5/28/51
RVW:JP.

U.S. Dept. of Interior
Defense Minerals Administration
Washington D.C.

Chief.

regarding your letter of June 4, 1951. I have no Assay Maps available of the Property. and the work done on same extended about 20 feet long 15 feet deep 12 feet wide, The exploration would be aimed to develope Uranium Nickel cobalt as well as copper & Molybdenum, and would have to sink 400 or 500 feet to prove these Metals, then the Assays would have a meaning.

respectfully

Charles MacKenzie.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 1 4 1951
LANDON F. STROBEL
Executive Secretary

FILE COPY
SURNAME:

Gowen

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

June 4, 1951

Re: Docket No. DMA-1138X

Mr. Charles Mackenzie

Dillon, Montana

Dear Mr. Mackenzie:

Your application for an exploration project loan for $100,000 has been referred to the Copper Branch of the Defense Minerals Administration. As a project we cannot act on your application as you are requesting 90 percent participation by the Government and you have furnished no substantiating assays of rare metals to warrant such participation.

In order to act on your application we would need maps showing what work and sampling has been done on the property - these maps to show where samples were taken and the assays of the same and a map to show the work you propose to do. If any drilling has been done, please note the location of the holes on the maps and the assays. Perhaps your assays will show that you do warrant a Government participation of 90 percent of the estimated cost of the loan.

In the event that your property does not warrant a loan for rare metals and is one to be considered for copper, you could re-submit your application if you cared to do so on the matching fund basis, the Government supplying 50 percent of the estimated cost of the project.

For your information we are enclosing two copies of press releases dated April 11, 1951 and May 14, 1951.

Very truly yours,

J. B. Gowen

J. B. Gowen, Acting Chief
Copper Branch, DMA

Enclosures 4

JWALT:ba

Copy to Executive Secratary
Copper Branch
Files

FILE COPY
SURNAME:

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

May 10, 1951

Mr. Charles MacKenzie
Dillon
Montana

Subject: DMA-1138 X
Re: Exploration
Loan - Amadau Mine

My dear Mr. MacKenzie:

Receipt is acknowledged of your application and attachments of May 9, 1951 for a Government loan under the Defense Production Act of 1950.

The application was assigned Docket Number 1138 X and referred to Mr. J. B. Gowen, Chief, Copper Branch, on May 9, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1138 X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:aec
cc: Files
Strobel-2
Mr. Gowen
Mr. Lyon

Amadau 1138

May 9, 1951

CHARLES MacKENZIE

MONTANA

DMA 1138

copper

uranium

Owner 1138

C

Pg 9

Dillon Mont.

Dma - 1138 X

May 5 1951

Chief Defence Minerals Administration
Dept. of Interior
Washington. D.C.

Dear Sir,

I am sending you the four Application forms for aid in developing my claims. I hope the information therein and the accompanying papers will be sufficient. copys can be made of them should the Application be approved.

respectfully

Charles MacKenzie.

23. The requirements and cost

A.

4 Miners. $1.75 per hour
2 Muckers 1.50 " "
1 Timberman 1.75 " "
1 foreman 2.25 " "

C.D. to construct 3 Buildings $15000
Buy 2 Trucks 6000
Air compressor with engine 2500
Head Frame with Bucket 500
Caterpiller Buldozer 5000
jack hammers Drills drifters
rails cars axes saws hose pipes
and all other necessary tools
and Utilities for the 2000
exploration. $21,000

24.

Progress expected to be accomplished Monthly 35 feet in the shaft sinking and drifting and expect it will cost $3300 per Month.

For Form M.T.103 The Applicant. Dma-1138X

1 an Idividual
2.3. no Partnership nor corporation.
4 Applicant has 7 years Mining experience and will manage the Project.
5. I am the owner. of the Property
6 No claims liens or incumbrance against
7, 8. does not Apply.
9. $10000 yes it is sufficient
10. two Mining claims end to end on a Fault vein 12 feet wide Touching on Tule Lake on the west end.
13. The exploration will be conducted on the center where the two claims join. 1.2.
11 The name of the Property is Amadan.
12 The Property is in the upper Birch creek in Beaverhead Forest 35 Miles from the town of Dillon and 21 Miles from Apex a railroad Shipping Point.
The birch road goes within 3/4 mile of the claims and is in good shape except the last 5 Miles which is fair. The 3/4 mile to the mine must be built.
13. water from Tule Lake and Springs will be sufficient for all Seasons.

14. There is no useable facilities equipment buildings that can be devoted to exploration.
15 The ore could be trucked to Apex the railroad Point if rich enough to Stand the cost. Otherwise a mill must be built After the extent and grade of the ore is Proven.
16. was discovered and filed on in 1945.
A.B.C. No adjoining Property.
17. A 1.2.3. was not in production
18. Ore reserves Possible 25. million tons
A. The deposit is carrying copper Molybdenum Uranium Nickel and cobalt. 2. 1.5 - .05 per cent The last two metals in lesser amounts at ore 16 feet Depth. has good chance of better grade. The vein is 12 feet wide in a Fault running east west and about 2000 feet long with well defined walls at the Center
20. The exploration will be conducted for the five metals alone.
21. The proposed work is to sink a Shaft 400 feet and to drift 200 feet. and explore the foot wall 150 feet for paralleled veins. will take about two years
22 No geological data available.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1138 X

Date received 5/9/51

Participation

Charles Mackenzie
Dillon
Mont.

Name and address of applicant

Date 5/5/1950

FILL IN THIS BLOCK

Date of application May 5 1951

Estimated cost 100,000

Mineral or metal Copper Uranium

Percentage of Government participation 90 per cent.

Location of mine Upper Birch Creek
Beaverhead Forest.

Date of filing MF-100 not filed.

DMA Docket Number, if available Dma-1138 X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

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

NOTE.—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 (*b*) 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.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

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.

(Name of company)	By Charles MacKenzie (Signature of authorized official)
(Date)	Applicant (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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U[redacted] DEPARTMENT OF THE INTER[redacted]R
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1138X

Date received 5/9/51

Participation

Charles MacKenzie
Dillon
Mont.

Name and address of applicant

Date 5/5-1951

FILL IN THIS BLOCK

Date of application May 5 1951

Estimated cost 100,000

Mineral or metal Copper Uranium

Percentage of Government participation 90 per Cent.

Location of mine upper Birch creek
Beaver head.

Date of filing MF-100 not filed

DMA Docket Number, if available Dma-1138X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

Dma 1138 (Cont.)

DSM

THE PROPERTY

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

    NOTE.—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 (*b*) 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.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

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.

(Name of company)	By (Signature of authorized official)
(Date)	(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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

1138X

April 16, 1951

Mr. Charles MacKenzie

Dillon, Montana

Dear Mr. MacKenzie:

This is in response to your letter of February 3, 1951 which was held pending authorization of the Defense Minerals Administration exploration program. Enclosed is a copy of the pertinent regulations, Form MD-5, also five copies each of the Form MF-100 (General Technical Data) and Form MF-103 (Application for Aid for an Exploration Project).

Very truly yours,

J. B. Gowen, Acting Chief
Copper Branch, DMA

Enclosures 7

XXX
JBGawenjba

Copy to J. H. East, 224 New Customhouse, Denver 2, Colorado, W. C. I.
Executive Secretary, W. C. I.
Copper Branch, W. C. I.
F i l e s

Dillon, Montana
February 23, 1951

Chief, Interior Department
Washington, D. C.

Dear Sir:

Please let me know concerning the 10 million allotted your Dept. to aid mine owners & prospectors to develop theirs claims, and the terms for the use of it. As I have a prospect of great potentiality chiefly carrying copper & molybdenum.

Yours respect fully

Charles MacKenzie

COPY