DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3118

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 Assistance

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.

Copies to USGS, USBM ~~AND TO~~ REG.

Routing Slip

To:	Code 400, Rm. 3538	Date	7/13/53
To:	Code 400	Date	8-20-53
To:	Code 400	Date	9/22/53
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DO NOT DETACH

CONTROLLED DOCUMENT

ORIGINAL TO DOCKET

406

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

So. 157 Howard Street
Spokane 4, Washington

3118 - Mn

WSM

November 19, 1953

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

Re: Docket No. DMEA 3118 - manganese
Homer H. Dundas
Broken Hill mines
Ravalli County, Montana

Dear Mr. Selfridge:

The applicant has not furnished the information needed to process the subject docket as per Mittendorf's request dated July 20, 1953 and Martin's request dated August 20, 1953.

Mr. Homer H. Dundas, the applicant, has written the Bureau of Mines, Region II, requesting application forms for a production loan on an iron property in Granite County, Montana.

It appears that Mr. Dundas is off on another tangent and does not intend to follow up on his Broken Hill application. It is therefore recommended that this application be withdrawn from the active files.

Sincerely yours,

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

cc: USBM (2)

Withdrawn from active [illegible]

400

10-21-53

R. E. Adams, Chief, Oper. Control & Statistics

Iron and Ferro-Alloys Division, DMEA

Removal of application from the active files
Docket No. DMEA 3118 - Manganese
Homar H. Dundas
Broken Hill et al. claims
Ravalli County, Montana

On July 20, 1953, the applicant was notified that another application on the same property, Docket No. DMA 184X had previously been denied on August 27, 1951. He was also advised that additional information needed to be furnished before the referenced application could be processed. No data were received, and on August 20, 1953, we again asked the applicant in the interest of expediting the Defense Minerals Exploration Program to provide us with the required information.

Because the data had not been received by September 21, 1953, the applicant was then advised that unless the requested information was received by October 20, 1953, the application would be removed from the active file and the case closed.

To date, however, we have not received the necessary information, and we are, therefore, removing the subject docket from our Division files. The docket is transmitted herewith.

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

Enclosure

FARutledge:foc
10-21-53
cc: Docket
Code 400
Admr. Reading File

cc sent F.T. on 12/15/53
S.S.

400

SEP 21 1953

Mr. Homer H. Dundas
1800 Park Street
Missoula, Montana

Re: Docket No. DMSA 3118 - Manganese
Broken Hill mine
Broken Hill et al. Claims
Granite County, Montana

Dear Mr. Dundas:

Reference is made to your application of July 8, 1953, for exploration assistance under the subject docket, and to our request of July 30, 1953, for additional information needed to process your application.

These data were not received, and on August 20, 1953, we again wrote you requesting that, in the interest of expediting the Defense Minerals Exploration Program, the required information be promptly provided. We wish to cooperate fully in the matter of allowing ample time for the submission of the necessary data, but if the required information has not been received by October 20, 1953, we will then remove the application from the active file and consider the matter closed.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

FAEnteldge:fcc
9-17-53
cc: Docket
Code 400
Adm. Reading File

AUG 2 0 1953

Mr. Homer H. Dundas
1800 Park Street
Missoula, Montana

Re: Docket No. DMRA 3118 - Manganese
Homer H. Dundas
Broken Hill mines
Dunbar Hill et al. claims
Ravalli County, Montana

Dear Mr. Dundas:

Reference is made to your application for exploration assistance under the subject docket. On June 30, 1953, we wrote to you requesting additional information needed to process the application.

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

Sincerely yours,

SIGNED

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

CC: DOCKET
ADM. HEAD. FILE
FIELD TEAM, REG. II
CODE 400
MARTHA CARR, USGS
GILBERT DENNYF, USBM

FARutledge/le
8/19/53

407

JUL 2 0 1953

Mr. Homer A. Dundas
1800 Park Street
Missoula, Montana

Re: Docket No. DMA 3113 - Manganese
Homer A. Dundas
Broken Hill Mines
Bunker Hill et al. claims
Granite County, Montana

Dear Mr. Dundas:

Your application for exploration assistance in exploring for manganese and corundum on the referenced property has been reviewed by the Iron and Ferro-Alloys Division, Defense Minerals Exploration Administration. The subject application must be considered for manganese only, as corundum is not now included in the list of strategic or critical metals or minerals. See the enclosed Amendment No. 2 to DMEA Order 1.

In reviewing your present application and other data available to us in Washington concerning the referenced area, it was noted that a previous application by you, DMA 184, for $50,000.00 to prospect this deposit, was denied by the Defense Minerals Administration on August 27, 195 . As explained in the Questions & Answers Booklet (copy of which is enclosed), prospecting is not included in the Defense Minerals Exploration Administration's program. Sufficient evidence of significant mineralization found by prospecting must be presented before a program of exploration can be considered.

The information submitted with your application is insufficient to indicate to the Government that further consideration should be given your application or that a new field team examination would be desirable. No data were submitted to substantiate the occurrence of the metals claimed in your application. Before your application can be considered further, you should answer in detail the questions checked in red on form MF-103, Application for Aid in an Exploration Project. These questions, 4a, 4b, 4c, and 5b were not answered on the application form submitted.

It will be necessary for you to furnish us with assays and a map showing location and length of the samples taken in order that we may determine if your property can qualify for further investigation. In addition we need to receive a detailed plan of exploration with the target of the proposed exploration indicated on the above-referenced map.

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

Sincerely yours,

C. O. Mittendorf

Administrator

FARutledge/jh
17/20/53
cc. to: Docket
Adm. Reading File
Code 400 (2)
Martha Carr, USGS
Edgar Gealy, USBM
DMEA Field Team, Region II, (2)

400

IN REPLY REFER TO:

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

May 15, 1953

Memorandum

To: W. [illegible] Martin, DMEA

From: Martha Carr, USGS

Subject: Exploration Application $17,031 DMEA-3118 Manganese
Mr. Homer H. Dunlap
1800 Park Street,
Missoula, Mont.

Property: Recorded claims are Bunker Hill, Broken Hill, and Black Bear; those unrecorded are Diamond, Luella May, and Robert Bruce. All claims are in sec. 20, T. 6 N., R. 18 W., in eastern Ravalli County, Mont. They are known as the Broken Hill Mines. (The claims are recorded on pages 591, 592, and 594, Vol. 13, Miscellaneous Records.)

Proposal: The applicant plans to explore by deep trenching at three or more points, if necessary, the outcrop of the deposit in order to sample at depth the property of the Broken Hill Mines.

Geology: The general area in which the property is located is underlain by pre-Cambrian shales, sandstones, and limestones. Late Jurassic or early Cretaceous intrusive rocks are present in the surrounding areas. The Survey has no information concerning the occurrence of manganese in the area outlined, but it may be present there as most of the manganese ore bodies to the east are replacement deposits that have originated from intrusives. Corundum, which occurs in igneous and metamorphic rocks and in alluvial deposits, could also be present in the zone adjoining the intrusive rocks. However, corundum has been removed (April 15) from the list of minerals for which the Government is offering exploration assistance and therefore it is not pertinent.

Copy retained 400

Recommendation: It is recommended that the applicant be asked to furnish additional information with reference to the exploration for manganese as requested in the questionnaire and that he be advised that corundum has been removed from the list of minerals for which Government assistance is available. Although geologic conditions indicate that manganese could be present in the general area of the applicant's property, no information concerning its occurrence there is available here. It would therefore be necessary to refer the application to the field team should any additional information from the applicant appear to justify it.

Martha Carr

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-3118
Metal or Mineral
Date Received 7/13/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Homar H. Dundas
1800 Park Street
Missoula, Montana.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

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

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

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract recorded quartz claims are Bunker Hill, Broken Hill, Black Bear. Not recorded Diamond, Iuella May, Robert Bruce. All claims are in sec 20 T 6 N, R 18 W.
Recorded on pages 591, 592, and 594, Vol. 13 Miscellaneous records

(*b*) State any mine name by which the property is known. Broken Hill Mines.

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

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it none

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

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. New project, surface

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

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. see inclosure

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

16—66551-1

5. *The exploration project.*—(a) State the mineral or minerals for which you [illegible] to explore Manganese, corundum

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 14 days and be completed within 4 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

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

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

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

☐ Money ☐ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper. Services, Supervision, cash from payment for lease

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated July 8, 1953

Broken Hill Mines
(Applicant)

By Homer H. Dundas

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

Broken Hill Mines Project

Estimate of Salaries, Equipment rentals, Purchases of supplies and other purchases, related to completing the Exploration Project, of deep trenching a large deposit of complex minerals, laboratory tests show it contains, Manganese, corundum , and a rare element, Gallium.

This project is to explore by deep trenching at three or more points if necessary, the outcrop of the deposit, for sampling at depth the high grade in the property of the Broken Hill Mines, Ravalli County, Montana. Located in section 20 township 6 N Range I8 W.

Salary expense

Geologist	$ 500.00
Mining Engineer	300.00
Miners	2000.00
Bulldozer operator	600.00
Book-keeper	500.00
Carpenter work on cabin	I00.00
Timberman	I00.00
Chemist & assaying	200.00
Cook & helper	300.00
Foreman	700.00
	$ 5300.00

Equipment Rentals

Bulldozer for road etc.	$ I000.00
Air Compressor	580.00
Jack hammers & hose	I26.00
	$ I706.00

Purchases, Supplies, Equipment.

Blasting supplies	$ 92I.00
gasoline & oil	600.00
supplies for building cabtn	295.00
4 sets 2-4-6-8 ft. steel	96.00
4 sets Tungsten bits	306.00
½ doz. miners picks	I2.00
½ doz shovels	I5.00
½ doz. D B axes	24.00
I chain saw	285.00
I extra " blade	25.00
2 gas lamps	30.00
Cook house equipment	500.00
Bunk house equipment	500.00
Groceries & meat	2000.00
Haulage of supplies	500.00
Ist. aid, accidt. Insur.etc.	900.00
I truck	3000.00
	$ I0025.00

Total Estimate of Project

Purchases	$ I0025.00
wages	5300.00
Equipment rentals	I706.00
Total	$ I703I.00

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

So. 157 Howard Street
Spokane 4, Washington

November 19, 1953

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

Re: Docket No. DMEA 3118 - manganese
Homer H. Dundas
Broken Hill mines
Ravalli County, Montana

Dear Mr. Selfridge:

The applicant has not furnished the information needed to process the subject docket as per Mittendorf's request dated July 20, 1953 and Martin's request dated August 20, 1953.

Mr. Homer H. Dundas, the applicant, has written the Bureau of Mines, Region II, requesting application forms for a production loan on an iron property in Granite County, Montana.

It appears that Mr. Dundas is off on another tangent and does not intend to follow up on his Broken Hill application. It is therefore recommended that this application be withdrawn from the active files.

Sincerely yours,

A. E. Weissenborn

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

cc: USBM (2)

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : R. E. Adams, Chief, Oper. Control & Statistics DATE: 10-21-53

FROM : Iron and Ferro-Alloys Division, DMEA

SUBJECT: Removal of application from the active files
Docket No. DMEA 3118 - Manganese
Homar H. Dundas
Broken Hill et al. claims
Ravalli County, Montana

On July 20, 1953, the applicant was notified that another application on the same property, Docket No. DMA 184X had previously been denied on August 27, 1951. He was also advised that additional information needed to be furnished before the referenced application could be processed. No data were received, and on August 20, 1953, we again asked the applicant in the interest of expediting the Defense Minerals Exploration Program to provide us with the required information.

Because the data had not been received by September 21, 1953, the applicant was then advised that unless the requested information was received by October 20, 1953, the application would be removed from the active file and the case closed.

To date, however, we have not received the necessary information, and we are, therefore, removing the subject docket from our Division files. The docket is transmitted herewith.

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

Enclosure

FILE COPY
SURNAME:

Rutledge
Martin

UNITED STATES
DEPARTMENT OF THE INTERIOR

R. E. Adams, Chief, Operations Control & Statistics 10-21-53

WASHINGTON 25, D. C.

Iron and Ferro-Alloys Division, DMEA

Removal of application from the active files
Docket No. DMEA 3118 - Manganese
Homer H. Dundas
Broken Hill et al. claims
Ravalli County, Montana

On July 20, 1953, the applicant was notified that another application on the same property, Docket No. DMA 184X had previously been denied on August 27, 1951. He was also advised that additional information needed to be furnished before the referenced application could be processed. No data were received, and on August 20, 1953, we again asked the applicant in the interest of expediting the Defense Minerals Exploration Program to provide us with the required information.

Because the data had not been received by September 21, 1953, the applicant was then advised that unless the requested information was received by October 20, 1953, the application would be removed from the active file and the case closed.

To date, however, we have not received the necessary information, and we are, therefore, removing the subject docket from our Division files. The docket is transmitted herewith.

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

Enclosure

FARutledge:foc
10-21-53
cc: Docket
Code 400
Admr. Reading File

R.C.G.
10-21-53

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

1201 N. Division St.
Spokane 2, Washington
September 25, 1953

402

dmea 3118

Mr. Homer H. Dundas
1800 Park Street
Missoula, Montana

Subject: Access road application forms

Dear Mr. Dundas:

In accord with your letter of September 23, 1953, there are enclosed 7 copies of DMPA Form 16 for use in applying for access road assistance.

As you probably know, the Defense Materials Procurement Agency was recently abolished and its functions taken over by the General Services Administration; therefore, your application should be addressed to the General Services Administration, Materials Division, Washington 25, D. C.

Prior to its dissolution the activities of the Defense Materials Procurement Agency were considerably reduced, and we are not certain of the extent of the functions of the new organization. It might be advisable to address an inquiry to GSA regarding the availability of access road assistance before submitting a formal application.

If we can be of further assistance please let us know.

Sincerely yours,

M. E. Velin, Member
DMEA Field Team, Region II

Enclosure
mOS

cc: DMEA, Wash. (2)
USGS (2)
DMEA
Mdf

TEH/he

(See other correspondence in Docket No. DMEA 3118)

FILE COPY
SURNAME

400

Rutledge
Martin

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

SEP 21 1953

Mr. Homer H. Dundas
1800 Park Street
Missoula, Montana

Re: Docket No. DMEA 3118 - Manganese
Broken Hill mine
Broken Hill et al. claims
Ravalli County, Montana

Dear Mr. Dundas:

Reference is made to your application of July 8, 1953, for exploration assistance under the subject docket, and to our request of July 20, 1953, for additional information needed to process your application.

These data were not received, and on August 20, 1953, we again wrote you requesting that, in the interest of expediting the Defense Minerals Exploration Program, the required information be promptly provided. We wish to cooperate fully in the matter of allowing ample time for the submission of the necessary data, but if the required information has not been received by October 20, 1953, we will then remove the application from the active file and consider the matter closed.

Sincerely yours,

Frank E. Johnson (for)

ACTING Administrator

FARutledge:foc
9-17-53
cc: Docket
Code 400
Adm. Reading File

J.C.G.
9-21-53

FILE COPY
SURNAME:

Rutledge
Martin
Whitenden

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

AUG 20 1953

Mr. Homar H. Dundas
1800 Park Street
Missoula, Montana

Re: Docket No. DMRA 3118 - Manganese
Homar H. Dundas
Broken Hill mines
Bunker Hill et al. claims
Ravalli County, Montana

Dear Mr. Dundas:

Reference is made to your application for exploration assistance under the subject docket. On June 20, 1953, we wrote to you requesting additional information needed to process the application.

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

Sincerely yours,

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

CC: DOCKET
ADM. READ. FILE
FIELD TEAM, REG. II
CODE 400
MARTHA CARR, USGS
GILBERT DEHUFF, USBM

FARutledge/le
8/19/53

8-20-53

FILE COPY
Surname:

Rutledge
Martin

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
WASHINGTON 25, D. C.

JUL 20 1953

Mr. Homer H. Dundas
1800 Park Street
Missoula, Montana

Re: Docket No. DMRA 3118 - Manganese
Homer H. Dundas
Broken Hill Mines
Dunker Hill et al. claims
Ravalli County, Montana

Dear Mr. Dundas:

Your application for exploration assistance in exploring for manganese and corundum on the referenced property has been reviewed by the Iron and Ferro-Alloys Division, Defense Minerals Exploration Administration. The subject application must be considered for manganese only, as corundum is not now included in the list of strategic or critical metals or minerals. See the enclosed Amendment No. 2 to DMRA Order 1.

In reviewing your present application and other data available to us in Washington concerning the referenced area, it was noted that a previous application by you, DMA 184, for $50,000.00 to prospect this deposit, was denied by the Defense Minerals Administration on August 27, 1951. As explained in the enclosed A Square Deal (copy of which is enclosed), prospecting is not included in the Defense Minerals Exploration Administration's program. Sufficient evidence of significant mineralization found by prospecting must be presented before a program of exploration can be considered.

The information submitted with your application is insufficient to indicate to the Government that further consideration should be given your application or that a new field team examination would be desirable. No data were submitted to substantiate the occurrence of the metals claimed in your application. Before your application can be considered further, you should answer in detail the questions checked in red on form MP-181, Application for Aid in an Exploration Project. These questions, 4a, 4b, 4c, and 5b were not answered on the application form submitted.

It will be necessary for you to furnish us with assays and a map showing location and length of the samples taken in order that we may determine if your property can qualify for further investigation. In addition we need to receive a detailed plan of exploration with the target of the proposed exploration indicated on the above-referenced map.

R.C.G.
7-30-53

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

Sincerely yours,

C. O. Mittendorf

Administrator

FARutledge/jh
17/20/53
cc. to: Docket
Adm. Reading File
Code 400 (2)
Martha Carr, USGS
Edgar Gealy, USBM
DMEA Field Team, Region II, (2)

Docket

IN REPLY REFER TO:

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

May 15, 1953

Memorandum

To: W. S. Martin, DMEA

From: Martha Carr, USGS

Subject: Exploration Application $17,031 DMEA-3118 Manganese
Mr. Homar H. Dundas
1800 Park Street,
Missoula, Mont.

Property: Recorded claims are Bunker Hill, Broken Hill, and Black Bear; those unrecorded are Diamond, Luella May, and Robert Bruce. All claims are in sec. 20, T. 6 N., R. 18 W., in eastern Ravalli County, Mont. They are known as the Broken Hill Mines. (The claims are recorded on pages 591, 592, and 594, Vol. 13, Miscellaneous Records.)

Proposal: The applicant plans to explore by deep trenching at three or more points, if necessary, the outcrop of the deposit in order to sample at depth the property of the Broken Hill Mines.

Geology: The general area in which the property is located is underlain by pre-Cambrian shales, sandstones, and limestones. Late Jurassic or early Cretaceous intrusive rocks are present in the surrounding areas. The Survey has no information concerning the occurrence of manganese in the area outlined, but it may be present there as most of the manganese ore bodies to the east are replacement deposits that have originated from intrusives. Corundum, which occurs in igneous and metamorphic rocks and in alluvial deposits, could also be present in the zone adjoining the intrusive rocks. However, corundum has been removed (April 15) from the list of minerals for which the Government is offering exploration assistance and therefore it is not pertinent.

Copy retained 400

Recommendation: It is recommended that the applicant be asked to furnish additional information with reference to the exploration for manganese as requested in the questionnaire and that he be advised that corundum has been removed from the list of minerals for which Government assistance is available. Although geologic conditions indicate that manganese could be present in the general area of the applicant's property, no information concerning its occurrence there is available here. It would therefore be necessary to refer the application to the field team should any additional information from the applicant appear to justify it.

Martha Carr

Martha Carr

IN REPLY REFER TO:

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

May 15, 1953

Memorandum

To: W. S. Martin, DMEA

From: Martha Gary, USGS

Subject: Exploration Application $17,031 DMEA-3118 Manganese
Mr. Hasser M. Dundas
1800 Park Street,
Missoula, Mont.

Property: Recorded claims are Bunker Hill, Broken Hill, and Black Bear; those unrecorded are Diamond, Luella May, and Robert Bruce. All claims are in sec. 20, T. 6 N., R. 18 W., in eastern Ravalli County, Mont. They are known as the Broken Hill Mines. (The claims are recorded on pages 993, 992, and 994, Vol. 13, Miscellaneous Records.)

Proposal: The applicant plans to explore by deep trenching at three or more points, if necessary, the outcrop of the deposit in order to sample at depth the property of the Broken Hill Mines.

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Martha Carr

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

May 15, 1953

Memorandum

To: W. S. Martin, DMEA

From: Martha Carr, USGS

Subject: Exploration Application $17,031 DMEA-3118 Manganese
Mr. Homer H. Dundas
1808 Park Street,
Missoula, Mont.

Property: Recorded claims are Bunker Hill, Broken Hill, and Black Bear; those unrecorded are Diamond, Lucille May, and Robert Bruce. All claims are in sec. 20, T. 6 N., R. 18 W., in eastern Ravalli County, Mont. They are known as the Broken Hill Mines. (The claims are recorded on pages 591, 592, and 594, Vol. 13, Miscellaneous Records.)

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Martha Carr

July 13, 1953

Mr. Homar H. Dundas
1800 Park Street
Missoula, Montana

Subject: DMEA-3118
Re: Exploration Assistance
Broken Hill Mines

My dear Mr. Dundas:

The receipt of your application dated July 8, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3118 and referred to the Iron and Ferro-Alloys Division.

Kindly refer to DMEA-3118 in any future correspondence relating to your application.

Sincerely yours,

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

Missoula Montana
July 8 I953

DEPARTMENT OF THE INTERIOR
Defense Mineral Exploration Administration
RECEIVED
JUL 1 3 1953

Defense Mineral Exploration Administration
Washington, 25 D C.

Dear Sirs:

Inclosed find application forms in quadruplicate, for an Exploration loan, in the amount of($ I703I.00) Seventeen thousand and thirty one dollars. The loan will be used to deep trench the outcrop of a large mineral deposit, to determine the size and extent of the Manganese vein, the corundum, and find the source of the element Gallium, which was found while making tests of samples taken from the surface of the outcrop, in the laboratory of the Anaconda Copper Co. at Anaconda, Montana.

The trenches across the deposit will be at least I25 ft. long, at least I5ft. deep and wide enough for the most efficient handling of the material, trenches will be at 200ft intervals, all will be in hard rock, requiring drilling and blasting. all mining for some time will be open pit mining. Associate minerals in the outcrop is magnetite, garnet , copper.

The property known as the Broken Hill Mines, is located in section 20 T 6N R I8 W. Skalkaho Unorganized Mining District, Sapphire Range Mountains at an altitude of 8400ft. in Ravalli County, Montana. The quartz lode claims are the Bunker Hill, Black Bear, and Broken Hill, the claims are recorded in the county clerk and recorders office, Hamilton, Montana, in Vol I3 pages 59I, 592, and 594, miscellaneous records.

Hamilton Montana, on the branch line of the Northern Pacific Railway will be the shipping point, a mountain road I8 miles long leads to the property, which is at an altitude of 8400 ft., a rise of 4900 ft. above Hamilton.There is plenty of water, timber for buildings and fuel and any other use for which it may be needed.

It is deemed advisable to establish a camp to furnish board and room for the crew who will work on the project, rather than make the trip to Hamilton each day as it consumes too much time, and it was for this reason the items are included in the estimate of the Project. I believe this project will be the beginning of a large producer, and a source of strategic minerals that can be used in the defense of our country if we become engaged in a full sized war, we should not wait too long.

I was employed by the Anaconda Copper Mining Co. for 30 years prior to I947 and have been a mine operator myself.

I have been advised that a large operating company will pay a substantial sum for a lease on the property when the deep,trenching is completed, and will be more than sufficient to repay the loan.

Sincerely yours
Homar H. Dundas
Homar H. Dundas
for
Broken Hill Mines

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-3118
Metal or Mineral
Date Received 7/13/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Homar H. Dundas
1800 Park Street
Missoula, Montana.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

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

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

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Recorded quartz claims are Bunker Hill, Broken Hill, Black Bear. Not recorded Diamond, Luella May, Robert Bruce. all claims are in Sec. 20 T 6N R 18 W.
Recorded on pages 591, 592, and 594 Vol. 13 Miscellaneous records

(*b*) State any mine name by which the property is known. Broken Hill Mines

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

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it none

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

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. New Project, surface.

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

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. see inclosure

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

16—66551-1

5. *The exploration project.*—State the mineral or minerals for which you wish to explore Manganese, Corundum

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 14 days and be completed within 4 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

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

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

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

☐ Money ☐ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper. Services, supervision, cash from payment for lease.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated July 8, 1953

Broken Hill Mines.
(Applicant)

By Homar H. Dundas

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

Broken Hill Mines Project

Estimate of salaries, Equipement rentals, Purchases of Supplies and other purchases, related to completing the Exploration Project, of deep trenching a large deposit of complex minerals, laboratory tests show it contains, manganese, corundum, and a rare element, Gallium.

This project is to explore by deep trenching at three or more points if necessary, the outcrop of the deposit, for sampling at depth the high grade in the property of The Broken Hill Mines, Ravalli County, Montana. Located in section 20 township 6 N Range I8 W.

salary expense		Equipement Rentals	
Geologist	$ 500.00	Bulldozer for road Etc.	$ I000.00
Mining Engineer	300.00	Air compressor	580.00
Miners	2000.00	Jackhammers & hose	I26.00
Bulldozer operator	600.00		
Book-keeper	500.00		$ I706.00
Carpenter work on cabin,	I00.00		
Timberman	I00.00		
Chemist & Assaying	200.00		
Cook & helper	300.00		
Foreman	700.00		
	$ 5300.00		

Purchases. Supplies & Equipement

Blasting supplies	$ 92I.00	Purchases	$ I0025.00
Gasoline & oil	600.00	Wages	5300.00
Supplies for building, cabin.	295.00	Equipment rentals	I706.00
4 sets 2-4-6-8ft steel	96.00		
4 sets tungsten bits	306.00		$ I703I.00
½ doz. miners picks	I2.00		
½ doz. shovels	I5.00		
½ doz. D B. axes	24.00		
I chainsaw	285.00		
I extra " blade	25.00		
2 gas lamps	30.00		
Cookhouse equipment	500.00		
Bunkhouse "	500.00		
Groceries & meat	2000.00		
4 crowbars I" x 6'long	I6.00		
haulage of supplies,	500.00		
Ist aid, accident Insur. misc.	900.00		
I truck	3000.00		
	$ I0025.00		