7/17/51

This property bought from owners by Robertson - Houston, Tex.
Talked to him today by phone & suggested he send in application for exploration loan if any help is desired.
H.

1301

FRED HINDS

URANIUM MINING AND RARE METALS

Post Office Box 191 RICHFIELD, UTAH 206 Commercial Bank Bldg.

July 2, 1951

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

Att: Landon F. Stroebel
Executive Secretary

Gentlemen:

Referring to our exploration loan application, Docket Number DMA-1301X, we would like to withdraw this loan application, effective as of this date.

We have leased this property to other interests who now plan to develope it with private capital and to construct a concentration mill.

Thank you very much for your consideration in this matter.

Very truly yours,

J.H. McBroom - Business Mgr.

JHM/dt

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 6 - 1951
LANDON F. STROBEL
Executive Secretary

1478-X Bennett

May 31, 1951

Mr. Fred Hinds
P. O. Box 191
Richfield, Utah

Subject: DMA-1301X
Re: Exploration Loan

My dear Mr. Hinds:

Receipt is acknowledged of your application and attachments of May 10, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1301X and was referred to Mr. P. R. Bradley, Chief, Manganese Branch on May 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1301X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:jhs
cc: Strobel-2
Files
Bradley
Lyon

6-12-51

FILE COPY
SURNAME:

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

May 31, 1951

Mr. Fred Hinds
P. O. Box 191
Richfield, Utah

Subject: DMA-1301X
Re: Exploration Loan

My dear Mr. Hinds:

Receipt is acknowledged of your application and attachments of May 10, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1301X and was referred to Mr. P. R. Bradley, Chief, Manganese Branch on May 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1301X.

Sincerely yours,

LANDON F. STROBEL
JHB

Landon F. Strobel
Executive Secretary

LFSTROBEL:jhs
cc: Strobel-2
Files
Bradley
Lyon

DMA 1301

Philip R. Bradley July 14, 1951

M. D. Crittenden

DMA-1301, Fred Hinds, Richfield, Utah

The applicant has requested approval of an exploration project totalling $40,000 to sample and explore an unknown manganese deposit in Southeastern Utah. Several hundred such occurrences were examined by the Geological Survey during World War II, but none of them is known to bein the vicinity of this discovery. Almost none of those seen proved to be of sufficient value to warrant an exploration project of the size proposed. On this basis, the geologic probability of large discoveries in this area are regarded as only fair to poor. Nevertheless, encouraging such enterprises is one of the purposes of the exploration program, and it is recommended that the applicant be permitted to supplement his present application, and a draft of a letter to the applicant follows:

> Your request for aid in exploration of a manganese deposit in Garfield County, Utah has been reviewed by the DMA. Inasmuch as yours is a new deposit we would like to aid in the exploration necessary to determine its value. However, the information you have submitted is inadequate to justify an exploration campaign costing $40,000. It is suggested that you submit some sort of reconnaissance reports including sketch maps and assays to substantiate the proposal. Possibly the geological studies you mention which resulted in estimates of 500,000 tons of material at 24-35% Mn would serve this purpose. If that information is not available, it would be desireable to scale down your proposal to a figure of approximately $10,000 to supply the reconnaissance information first, before undertaking a full-scale exploration job.
>
> In order to facilitate your reply, I am enclosing copies of the contract form, MF-200, and would like to call your attention to certain information requested therein. (1) It is necessary to locate your property more accurately; I suggest youspot it on a photostat of Plate 1, U.S.G.S. Bull 164, which covers the area of Harris Wash. (2) The contract form should also be accompanied by a series of exhibits. Exhibit A required adetailed statement of what work is to be done, and a map showing the location of theproposed trenches or drill holes. Exhibits B to E should also be prepared insofar as they are applicable. (3) Include a brief description of the nature and occurrence of the ore mineral in order to indicate whether it may be a direct shipping ore, or will be amenable to beneficiation if that proves necessary.

June 18, 1951

Mr. Fred Hinds
P. O. Box 191
Richfield, Utah

DMA-1301

Dear Mr. Hinds:

Your request for aid in exploration of a manganese deposit in Garfield County, Utah has been reviewed by the Defense Minerals Administration. Inasmuch as yours is a new deposit we would like to aid in the exploration necessary to determine its value. However, the information you have submitted is inadequate to justify an exploration campaign costing $40,000. It is suggested that you submit reconnaissance reports including sketch maps and assays to substantiate the proposal. Possibly the geological studies you mention which resulted in estimates of 500,000 tons of material at 24-35% Mn would serve this purpose. If that information is not available, it would be desirable to scale down your proposal to a figure of approximately $10,000 to supply the reconnaissance information first, before undertaking a full-scale exploration job.

In order to facilitate your reply, I am enclosing copies of the contract form, MF-200, and would like to call your attention to certain information requested therein. (1) It is necessary to locate your property more accurately; I suggest you spot it on a photostat of Plate 1, U.S.G.S. Bull. 164, which covers the area of Harris, Wash. (2) The contract form should also be accompanied by a series of exhibits. Exhibit A requires a detailed statement of what work is to be done, and a map showing the location of the proposed trenches or drill holes. Exhibits B to E should also be prepared insofar as they are applicable. (3) Include a brief description of the nature and occurrence of the ore mineral in order to indicate whether it may be a direct shipping ore, or will be amenable to beneficiation if that proves necessary.

Very truly yours,

P. R. Bradley, Jr.

P. R. Bradley, Jr.
Chief, Manganese Branch

Enclosure

MDCrittenden:ec

CC: Adm. Reading File
Mr. Strobel
Mr. Holderer ✓ Mr. Crittenden Files

May 31, 1951

Mr. Fred Hinds
P. O. Box 191
Richfield, Utah

Subject: DMA-1301X
Re: Exploration Loan

My dear Mr. Hinds:

Receipt is acknowledged of your application and attachments of May 10, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1301X and was referred to Mr. P. R. Bradley, Chief, Manganese Branch on May 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1301X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:jhs
cc: Strobel-2
Files
Bradley
Lyon

dma 1301X

FRED HINDS

URANIUM MINING AND RARE METALS

Post Office Box 191 RICHFIELD, UTAH 206 Commercial Bank Bldg.

May 10, 1951

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

Attention: P.R. Bradley Jr., Chief
Chrome-Manganese-Tungsten Branch

Gentlemen:

We are enclosing four copies of Forms MF-103 covering prospective exploration of our manganese properties located in Garfield, County, Utah aproximately two miles South and 19 miles East of Escalante, Utah and known and described as Dual Nos. 1 to 14 inclusive and Harris Wash No. 1.

I operate as an individual in the name of Fred Hinds d.b.a. Hinds Uranium Mining and Rare Metals having no partners or stockholders. Attached is a summary of my education, mining and business experience. Also attached is a financial statement of my assets and liabilities.

The properties we propose to explore are owned by Lorin W. Griffin of Escalante and held by me under lease dated March 3, 1951 for a period of twenty years with an option to buy at any time during that period for a cost not to exceed $1000.00 per claim. A copy of said lease is herewith attached.

I am prepared to invest $10,000.00 in the mineral exploration of this property providing that the Defense Minerals Administration or the proper government agency matches it with an additional $30,000.00 on the 75% participation basis allocated to manganese.

There are several major outcropping of manganese on this property which seem to lie on two axis. One North to South approximately 2½ miles long and the other Northeast to Southwest approximately four miles long. Both axis join each other at their Northern extremities. Assays taken from these outcroppings show manganese values on the surface ranging from 24% to 35% and have a fairly consistant average at each location. The fifteen claims under our control are situated on these axis. It is impossible to give an exact legal description of the location of these properties other than described above as they are situated on unsurveyed Government land.

To date there has been no production from these mining claims or within their immediate vicinity and we believe that this constitutes a major new discovery of manganese ore that should produce substantial tonages of manganese for our National Stockpile and war effort.

If more extensive exploration of this property indicates the substantial tonages we believe exist at this location, I and some of my associates plan to construct a concentration mill at this site. Ample water is available for processing and the concentrate could be shipped by truck to Marysvale, Utah, the nearest railroad a distance of aproximately 110 miles.

It is our proposal to spend aproximately three months on this exploration project taking a minimum of 200 ore samples both by core drilling, bulldozing and surface of outcroppings. In order to do this it will be necessary to set up a semi-permanent camp at the base of operations to best utilize labor available. Attached is an estimate of the distribution of expenses that would be incurred on such a project.

We trust that you will give this matter your immediate attention. If more data is required we will endevor to furnish it promptly upon your advise. As indicated above, it is not possible to supply geological maps or surveys on this project at this time as it is a new discovery. However, recent estimates by two engineers disclose in excess of 500,000 tons of ore on the surface that assays from 24% to 35%. From the alignment of the structures of the outcroppings they have estimated that the total reserves will run many times this amount under the surface. We believe that such indications justify many times this amount contemplated for exploration.

Very truly yours,

Fred Hinds

Fred Hinds.

FH/jm

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 1301 X

Date received 5-28-51

Participation

Mr. Fred Hinds
P.O. Box 191
Richfield, Utah

Name and address of applicant

Date May 10, 1951

FILL IN THIS BLOCK

Date of application May 10, 1951

Estimated cost $40,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Situated in Garfield County, Utah aproximately two miles south and 19 miles East of Escalante, Utah and known and described as Dual Nos. 1 to 14 inclusive and Harris Wash No. 1.

Date of filing MF-100

DMA Docket Number, if available

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.

Fred Hinds
(Name of company)

By Fred Hinds
(Signature of authorized official)

May 10, 1951
(Date)

Owner
(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

ESTIMATE OF COST OF EXPLORATION OF MANGANESE PROPERTIES IN HARRIS WASH
BY FRED HINDS, P.O. BOX 191, RICHFIELD, UTAH
BASED UPON THREE MONTHS EXPLORATION

SALARIES PER MONTH

1 Field Superintendent		500.00
4 Miners & Drillers @ 1.50 per hr, 12.00 per day, 28 days		1344.00
1 Cook		200.00
	Total per month	2044.00
	Total 3 months	6132.00

EQUIPMENT RENTAL

1 D-7 Cat with Dozer & Operator	224 hour month @ 10.00 per hr.	2240.00
1 Front End Loader	224 hour month @ 8.00 per hr.	1792.00
1 Core Drill Rig	224 hour month @ 25.00 per hr.	5600.00
1 Jeep	28 days @ 10.00 per day	280.00
Total per month		9912.00
Total 3 months		29,736.00

CAMP EQUIPMENT

2 8x10 Tents @ 120.00 each	240.00
1 14x16' Cook Tent	175.00
1 Cook stove with propane for 90 days	350.00
Mscl. Cooking Equipment	250.00
6 Iron bunks & Matresses @ 15.00 each	90.00
2000' lumber for floors of tents & sidewalls @ 140.00 per M'	280.00
12 Blankets @ 5.00 each	60.00
6 pillows @ 2.00 each	12.00
Total	1457.00

FOOD

6 men @ 2.00 per day per man for 90 days	1080.00

ASSAYS

200 Assay samples @ 2.00 each	400.00

MISCELANEOUS

Fuel, repairs, etc.	1195.00

GRAND TOTAL FOR THREE MONTHS OPERATIONS $40,000.00

EXPERIENCE SUMMARY
of
FRED HINDS , P.O. BOX 191, RICHFIELD, UTAH

Born in Cherokee Strip of Oklahoma June 22, 1900. Received education in Kansas City,Kansas public schools, graduating from Wyandotte High School in June 1915. Attended Kansas University from 1916 to 1918 majoring in law. Received B.A. degree in Law upon entrance into the United States Army in 1918. Served eighteen months as private in the 85th Division of the Missouri National Guard.

Upon release from the army entered the Rolla School of Mines majoring in in Mining Engineering and Geology. Graduated in 1925 with M.A. in Mining Engineering and Geology.

In May 1926 went with the Anaconda Copper Co. at Lima, Peru as Superintendent of Production and Engineering opening their operation in that area. Remained with them until 1930.

Then operated silver mines of his own in Guadalajara, Mexico from 1930 to 1932 at which time the Mexican Government expropriated his mines.From 1932 until the latter part of 1943 served as Consulting Mining Engineer for various groups and operated several mining operations in gold, silver, copper and lead for himself.

In latter part of 1943 accepted a commission as Lieutenant Commander in the Sea Bees with open assignment. Supervised various types of Air base and Landing base construction involving the moving of large amounts of dirt and hard rock. Was honorably discharged in December 1945.

Then began prospecting for Uranium and Manganese ores in California, Utah, Wyoming and Colorado, making an intensive study of the geology and mining operations in these areas. Has made several outstanding discoveries of both Manganese and Uranium,notably the Uranium bearing formations of the Circle Cliffs of Southeast Utah, the manganese bearing formations of Clear Creek and Harris Wash areas of Utah and extensive Thorium rich sands in central Idaho.

From 1945 until the Spring of 1951 also served as Consulting Engineer for various Uranium and Manganese companies in addition to his own operations.

In February 1951 organized his present company to develope his uranium and manganese discoveries in Southeast Utah. Has established a large well constructed permanent mining camp in this area with an experienced staff of engineers and miners. Present estimated valuation of camp and mining equipment is in excess of $50,000.00 with no liens against it.

Mr. Hinds enjoys a considerable reputation among the mining fraternity in the Western States as having an outstanding knowledge of Uranium and Manganese bearing ores and formations of this area.

FINANCIAL STATEMENT

FRED HINDS, P.O. BOX 191, RICHFIELD, UTAH MAY 10, 1951

Cash in Bank and at hand	$12,284.63
Monies receivable in 60 days from royalties,leases, etc.	25,460.00
Camp equipment & supplies	19,784.68
1 1951 Jeep Station Wagon	1965.45
1 1951 Army type Jeep	1534.21
1 D-7 Cat with Dozer & ripper	9000.00
1 D-5 Front End Loader 1 yd.	6000.00
1 Cletrac tractor	1400.00
1 1950 Hudson Business Coupe	1800.00
Mscl. Mining Equipment & Supplies	7000.00
Office Equipment	842.00
645 Uranium Mining Claims(based on minimum value of $100.00 each. Some in production)	64,500.00
TOTAL ASSETS (minimum approximation)	$151,570.00
TOTAL LIABILITIES (all bills paid to date no liens)	NONE

COPY

Mining Lease and Bond

THIS INDENTURE, Made this 3RD day of March, 19 51

BETWEEN Lorrin W. Griffin

Lessor,

AND Fred Hinds

Lessee,

WITNESSETH, That the said Lessor.... for and in consideration of the royalties, covenants and agreements hereinafter reserved, and by the said Lessee.... to be paid, kept and performed, has... granted, demised and let unto the said Lessee..... all of the following described mines... and mining property, situated in the Twenty Mile, Mining District of the Harris Wash

County of Garfield, State of Utah, known and recorded as the Duals Nos. 1 to 15 inclusive

and more fully described in recorded instruments upon the public records which are hereby referred to; together with the appurtenances; to have and to hold unto the said Lessee..... for the term of Twenty years ---------- from the date hereof, expiring at noon on the 3rd day of March, 19 71, unless sooner forfeited through the violation of any covenant hereinafter against the said Lessee..... reserved.

AND IN CONSIDERATION of the said demise, the said Lessee.... does... covenant and agree with the said Lessor as follows, to wit:

in good order and condition, without demand or further notice, on said 3rd day of March, 19 71, at noon, or at any time previous, upon demand for forfeiture.

The said Lessor...., for and in consideration of one dollar cash in hand paid by said Lessee...., the receipt whereof is hereby acknowledged, does hereby bind himself and is firmly bound unto the said Lessee and heirs or assigns in the sum of One thousand ---------- Dollars, lawful money of the United States, to make, execute and deliver a good and sufficient deed to said premises, free from all encumbrances, at any time before the expiration of lease to the said Lessee...., heirs, or assigns.

PROVIDED, That on or before the expiration of this lease, the said Lessee...., heirs or assigns, shall pay to the said Lessor...., heirs or assigns, the sum of Fifteen thousand ---------- Dollars, lawful money of the United States, being the price agreed upon between the Lessor.... and Lessee.....

Each and every clause and covenant of this indenture shall extend to the assigns, heirs, executors and administrators of all parties hereto.

IN WITNESS WHEREOF the said parties, Lessor.... and Lessee...., have hereunto set their hands and seals, in duplicate, the date and year aforesaid.

Signed in presence of

Lorrin W. Griffin (Lessor) (Seal)

Fred Hinds (Lessee) (Seal)

(Seal)

(Seal)

County of Garfield
STATE OF Utah } ss.

On the 3rd day of March, A. D. 1951 personally appeared before me Lorrin W. Griffin and Fred Hinds

the signers of the above instrument, who duly acknowledged to me that they executed the same.

D.H. Cowles
Notary Public.

My Commission expires November 23, 1953

dma 13018

May 10, 1951

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

Attention: P.R. Bradley Jr., Chief
Chrome-manganese-tungsten Branch

Gentlemen:

We are enclosing four copies of Forms MF-103 covering prospective exploration of our manganese properties located in Garfield County, Utah, approximately two miles south and 19 miles east of Escalante, Utah and known and described as Dual Nos. 1 to 14 inclusive and Harris Wash No. 1.

I operate as an individual in the name of Fred Hinds d.b.a. Hinds Uranium Mining and Rare Metals, having no partners or stockholders. Attached is a summary of my education, mining and business experience. Also attached is a financial statement of my assets and liabilities.

The properties we propose to explore are owned by Lorrin W. Griffin of Escalante and held by me under lease dated March 9, 1951 for a period of twenty years with an option to buy at any time during that period for a cost not to exceed $1000.00 per claim. A copy of said lease is herewith attached.

I am prepared to invest $10,000.00 in the mineral exploration of this property providing that the Defense Minerals Administration or the proper government agency matches it with an additional $30,000.00 on the 75% participation basis allocated to manganese.

There are several major outcroppings of manganese on this property which seem to lie on two axis. One North to South approximately 2½ miles long and the other Northeast to Southwest approximately four miles long. Both axis join each other at their Northern extremities. Assays taken from these outcroppings show manganese values on the surface ranging from 24% to 35% and have a fairly consistant average at each location. The fifteen claims under out control are situated on these axis. It is impossible to give an exact legal description of the location of these properties other than described above as they are situated on unsurveyed government land.

To date there has been no production from these mining claims or within thier immediate vicinity and we believe that this constitutes a major new discovery of manganese ore that should produce substantial tonages of manganese for our National Stockpile and war effort.

If more extensive exploration of this property indicates the substantial tonages we believe exist at this location, I and some of my associates plan to construct a concentration mill at this site. Ample water is available for processing and the concentrate could be shipped by truck to the nearest railroad at Maysvale, Utah, a distance of approximately 110 miles.

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Very truly yours,

Fred Hinds

Fred Hinds.

COPY

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 1301 X

Date received 5-28-51

Participation

Mr. Fred Hinds
P.O. Box 191
Richfield, Utah

Name and address of applicant

Date May 10, 1951

FILL IN THIS BLOCK

Date of application May 10, 1951

Estimated cost $40,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Situated in Garfield County, Utah approximately two miles south and 19 miles East of Escalante, Utah and known and described as Dual Nos. 1 to 14 inclusive and Harris Wash No. 1.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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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.

Fred Hinds
(Name of company)

By Fred Hinds
(Signature of authorized official)

May 10, 1951
(Date)

Owner
(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

ESTIMATE OF COST OF EXPLORATION OF MANGANESE PROPERTIES IN HARRIS WASH
BY FRED HINDS, P.O. BOX 191, RICHFIELD, UTAH
BASED UPON THREE MONTHS EXPLORATION

SALARIES PER MONTH

1 Field Superintendent		$500.00
4 Miners and Drillers @ 1.50 per hr., 12.00 per day, 28 days		1344.00
1 Cook		200.00
	Total per month	$2044.00
	Total for 3 months	6132.00

EQUIPMENT RENTAL

1 D-7 Cat with Dozer & Operator	224 hour month @ 10.00 per hr	2240.00
1 Front End loader @ 8.00 per hr	224 hour month	1792.00
1 Core Drill Rig @ 25.00 per hour	224 hour month	5600.00
1 Jeep @ 10.00 per day, 28 days		280.00
	Total per month	$9912.00
	Total 3 months	29,736.00

CAMP EQUIPMENT

2 8x10' Tents @ 120.00 ea.	240.00
1 14x16' Cook tent	175.00
1 Cook Stove with propane for 90 days	350.00
Mscl. Cooking Equipment	250.00
6 Iron Bunks and matresses @ 15.00 ea.	90.00
2000' of lumber for floors of tents and sidewalls @ 140.00 per M	280.00
12 Blankets @ 5.00 ea	60.00
6 pillows @ 2.00 ea	12.00
Total	$1457.00

FOOD

6 men @ 2.00 per day per man for 90 days	1080.00

ASSAYS

200 Assay Samples @ 2.00 each	400.00

Miscelaneous

Fuel, repairs, etc.	1195.00

GRAND TOTAL FOR THREE MONTHS OPERATIONS	$40,000.00

EXPERIENCE SUMMARY

FRED HINDS, P.O.BOX 191, RICHFIELD, UTAH

Born in the Cherokee Strip of Oklahoma, June 22, 1900. Received education in Kansas City, Kansas public schools, graduating from Wyandotte High School in June 1915. Attended Kansas University from 1916 to 1918 majoring in law. Received B.A. degree in Law upon entrance into the United States Army in 1918. Served eighteen months as private in the 85th Division of the Missouri National Guard.

Upon release from the army entered the Rolla School of Mines majoring in Mining Engineering and Geology. Graduated in 1925 with a M.A. in Mining Engineering and Geology.

In May 1926 went with the Anaconda Copper Co. at Lima, Peru as Superintendent of Production and Engineering opening their operation in that area. Remained with them until 1930.

Then operated silver mines of his own in Guadalajara, Mexico from 1930 to 1932, at which time the Mexican Government expropriated his mines. From 1932 until the latter part of 1943 served as consulting mining engineer for various groups and operated several mining operations in gold, silver, copper and lead for himself.

In the latter part of 1943 accepted a commission as Lieutenant Commander in the Sea Bees with open assignment. Supervised various types of Air Base and Landing Base construction involving the moving of large amounts ofdirt and hard rock. Was honorably discharged in December 1945.

Then began prospecting for Uranium and Manganese ores in California, Utah, Wyoming, Idaho and Colorado, making an intensive study of the geology and mining operations in these area. Has made several outstanding discoveries of both manganese and uranium, notably the Uranium bearing formation of the Circle Cliffs of Southeast Utah, the manganese bearing formations of the Clear Creek and Harris Wash areas of Utah, and extensive Thorium rich sands in Central Idaho.

From 1945 until the Spring of 1951 also served as Consulting Engineer for various Uranium and Manganese companies in addition to his own operations.

In February 1951 organized his present company to develope his uranium and manganese discoveries in Southeast Utah. Has established a large well constructed permanent mining camp in this area with an experienced staff of engineers and miners. Present estimated valuation of camp and mining equipment is in excess of $50,000.00 with no liens against it.

Mr. Hinds enjoys a considerable reputation among the mining fraternity in the Western States as having an outstanding knowledge of Uranium and Manganese bearing ores and formations of this area.

COPY

[illegible]

[illegible]

Cash in Bank and at hand	$12,[illegible]4.63
Amounts receivable in 60 days from royalties, [illegible], etc.	15,[illegible]
Camp equipment & supplies	1[illegible],7[illegible]4.28
1 1950 Jeep station wagon	2[illegible]5.15
1 1951 Army type Jeep	1514.11
1 D-7 Cat with Dozer & ripper	9000.00
1 D-5 Front End Loader 1 yd.	6000.00
1 Chevrolet tractor	1400.00
1 1950 Hudson Business Coupe	1600.00
Steel. [illegible] Equipment & Supplies	7000.00
Office Equipment	640.00
645 Uranium Mining Claims(based on minimum value of $100.00 each. None in production)	64,500.00
TOTAL ASSETS (minimum of production)	$151,5[illegible].00
TOTAL LIABILITIES (all bills paid to date no liens)	NONE

COPY

COPY

Mining Lease and Bond

THIS INDENTURE, Made this 3rd day of March, 19 51

BETWEEN Lorrin W. Griffin

Lessor,

AND Fred Hinds

Lessee,

WITNESSETH, That the said Lessor.... for and in consideration of the royalties, covenants and agreements hereinafter reserved, and by the said Lessee.... to be paid, kept and performed, has granted, demised and let unto the said Lessee..... all of the following described mine..... and mining property, situated in the Twenty Mile Mining District of Harris Wash

County of Garfield, State of Utah, known and recorded as the Duals Nos. 1 to 15 inclusive and Harris Wash No. 1

and more fully described in recorded instruments upon the public records which are hereby referred to; together with the appurtenances; to have and to hold unto the said Lessee..... for the term of Twenty years from the date hereof, expiring at noon on the 3rd day of March, 1971, unless sooner forfeited through the violation of any covenant hereinafter against the said Lessee..... reserved.

AND IN CONSIDERATION of the said demise, the said Lessee.... do..... covenant and agree with the said Lessor.... as follows, to wit:

[illegible] and work the same in a good and workmanlike man-

in good order and condition, without demand or further notice, on said 3rd day of March, 19 71, at noon, or at any time previous, upon demand for forfeiture.

The said Lessor...., for and in consideration of one dollar cash in hand paid by said Lessee...., the receipt whereof is hereby acknowledged, do..... hereby bind.....himself..... and....do..... firmly bound unto the said Lessee.....and.....heirs or assigns in the sum of One thousand.....Dollars, lawful money of the United States, to make, execute and deliver a good and sufficient deed to said premises, free from all encumbrances, at any time before the expiration of lease to the said Lessee...., heirs, or assigns.

PROVIDED, That on or before the expiration of this lease, the said Lessee...., heirs or assigns, shall pay to the said Lessor...., heirs or assigns, the sum of...Fifteen thousand.....Dollars, lawful money of the United States, being the price agreed upon between the Lessor.... and Lessee.....

Each and every clause and covenant of this indenture shall extend to the assigns, heirs, executors and administrators of all parties hereto.

IN WITNESS WHEREOF the said parties, Lessor.... and Lessee...., have hereunto set their hands and seals, in duplicate, the date and year aforesaid.

Signed in presence of

Lorrin W. Griffin (Lessor) .....(Seal)

Fred Hinds (Lessee) .....(Seal)

.....(Seal)

.....(Seal)

County of.....Garfield.....
STATE OF.....Utah..... } ss.

On the.....3rd.....day of.....March....., A. D. 51

personally appeared before me.....Lorrin W. Griffin and Fred Hinds.....

the signer.s of the above instrument, who duly acknowledged to me that they executed the same.

D.H. Conlon
Notary Public.

My Commission expires.....November 23, 1951

Dmd 1301X

May 10, 1951

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

Attention: F.M. Bradley Jr., Chief
Chromite-Manganese-Tungsten Branch

Gentlemen:

We are enclosing four copies of Forms DP-103 covering prospective explorations of our manganese properties located in Garfield County, Utah, approximately two miles south and 39 miles east of Escalante, Utah and known and described as Dual Nos. 1 to 14 inclusive and Harris Wash No. 1.

I operate as an individual in the name of Fred Hinds d.b.a. Hinds Uranium Mining and Rare Metals, having no partners or stockholders. Attached is a summary of my education, mining and business experience. Also attached is a financial statement of my assets and liabilities.

The properties we propose to explore are owned by Lorrin W. Griffin of Escalante and held by me under lease dated March 3, 1951 for a period of twenty years with an option to buy at any time during that period for a cost not to exceed $1000.00 per claim. A copy of said lease is herewith attached.

I am prepared to invest $10,000.00 in the mineral exploration of this property providing that the Defense Minerals Administration or the proper government agency matches it with an additional $30,000.00 on the 75% participation basis allocated to manganese.

There are several major outcroppings of manganese on this property which seem to lie on two axis. One North to South approximately 2½ miles long and the other Northeast to Southwest approximately four miles long. Both axis join each other at their Northern extremities. Assays taken from these outcroppings show manganese values on the surface ranging from 24% to 35% and have a fairly consistent average at each location. The fifteen claims under our control are situated on these axis. It is impossible to give an exact legal description of the location of these properties other than described above as they are situated on unsurveyed government land.

To date there has been no production from these claims or within their immediate vicinity and we believe that this constitutes a major new discovery of manganese ore that should produce substantial tonnages of manganese for our National Stockpile and war effort.

If more extensive exploration of this property indicates the substantial tonnages we believe exist at this location, I and some of my associates plan to construct a concentration mill at this site. Ample water is available for processing and the concentrate could be shipped by truck to the nearest railroad at Marysvale, Utah, a distance of approximately 110 miles.

COPY

It is our proposal to spend approximately three months on this exploration project taking a minimum of 200 ore samples both by core drilling, bull dozing and from surface of outcroppings. In order to do this it will be necessary to set up a semi-permanent camp at the base of operations to best utilize labor available. Attached is an estimate of the distribution of expenses that would be incurred on such a project.

We trust that you will give this matter your immediate attention. If more data is required, we will endevor to furnish it to you promptly upon your advise. As indicated above it is not possible to supply geological maps or surveys on this project at this time as it is a new discovery. However, recent estimates by two engineers disclose in excess of 500,000 tons of ore on the surface that assays from 24% to 35%. From the alligment of the structures of the outcroppings, they have estimated that the total reserves will run many times this amount contemplated for exploration.

Very truly yours,

Fred Hinds

Fred Hinds.

COPY

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 13018

Date received 5/28/51

Participation

Mr. Fred Hinds
P.O. Box 191
Richfield, Utah

Name and address of applicant

Date May 10, 1951

FILL IN THIS BLOCK

Date of application May 10, 1951

Estimated cost $40,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Situated in Garfield County, Utah aproximately two miles south and 19 miles East of Escalante, Utah and known and described as Dual Nos. 1 to 14 inclusive and Harris Wash No. 1

Date of filing MF-100

DMA Docket Number, if available

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.

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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.
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    (*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.

Fred Hinds
(Name of company)

By Fred Hinds
(Signature of authorized official)

May 10, 1951
(Date)

Owner
(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.

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BY FRED HINDS, P.O. BOX 191, RICHFIELD, UTAH
BASED UPON THREE MONTHS EXPLORATION

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4 Miners and Drillers @ 1.50 per hr., 12.00 er day, 28 days		1344.00
1 Cook		200.00
	Total per month	$2044.00
	Total for 3 months	6132.00

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1 Front End loader @ 8.00 per hr	224 hour month	1792.00
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	Total per month	$9912.00
	Total 3 months	29,736.00

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1 14x16' Cook tent	175.00
1 Cook Stove with propane for 90 days	350.00
Miscl. Cooking Equipment	250.00
6 Iron Bunks and matresses @ 15.00 ea.	90.00
2000' of lumber for floors of tents and sidewalls @ 140.00 per M	280.00
12 Blankets @ 5.00 ea	60.00
6 pillows @ 2.00 ea	12.00
Total	$1457.00

FOOD

6 men @ 2.00 per day per man for 90 days	1080.00

ASSAYS

200 Assay Samples @ 2.00 each	400.00

Miscelaneous

Fuel, repairs, etc.	1195.00

GRAND TOTAL FOR THREE MONTHS OPERATIONS	$40,000.00

[illegible]

FRED A. HINDS, P.O. BOX 191, RICHFIELD, UTAH

Born in the Cherokee Strip of Oklahoma, June 22, 1900. Received education in Kansas City, Kansas public schools, graduating from Wyandotte High School in June 1915. Attended Kansas University from 1916 to 1918 majoring in Law. Received B.A. degree in Law when entered into the United States Army in 1918. Served eighteen months as private in the 85th Division of the Missouri National Guard.

Upon release from the army entered the Mining School of Iowa majoring in Mining Engineering and Geology. Graduated in 1925 with a M.A. in Mining Engineering and Geology.

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Then operated silver mines of his own in Guadalajara, Mexico from 1930 to 1932, at which time the Mexican Government expropriated his mines. From 1932 until the latter part of 1943 served as consulting mining engineer for various groups and operated several mining operations in gold, silver, copper and lead for himself.

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Then began prospecting for Uranium and Manganese ores in California, Utah, Wyoming, Idaho and Colorado, making an intensive study of the geology and mining operations in these area. Has made several outstanding discoveries of both manganese and uranium, notably the Uranium bearing formations of the Circle Cliffs of Southeast Utah, the manganese bearing formations of the Clear Creek and Harris Wash areas of Utah, and extensive Thorium rich sands in Central Idaho.

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In February 1951 organized his present company to develope his uranium and manganese discoveries in Southeast Utah. Has established a large well constructed permanent mining camp in this area with an experienced staff of engineers and miners. Present estimated valuation of camp and mining equipment is in excess of $50,000.00 with no liens against it.

Mr. Hinds enjoys a considerable reputation among the mining fraternity in the Western States as having an outstanding knowledge of Uranium and Manganese bearing ores and formations of this area.

COPY

FINANCIAL STATEMENT

FRED HINDS, P.O. BOX 191, RICHFIELD, UTAH, MAY 30, 1951

Cash in Bank and at hand	$12,284.63
Monies receivable in 60 days from royalties, leases, etc.	25,460.00
Camp equipment & supplies	19,784.68
1 1951 Jeep Station Wagon	1965.45
1 1951 Army type Jeep	1534.21
1 D-7 Cat with Dozer & ripper	9000.00
1 D-5 Front End Loader 1 yd.	6000.00
1 Cletrac tractor	1400.00
1 1950 Hudson Business Coupe	1800.00
Mscl. Mining Equipment & Supplies	7000.00
Office Equipment	842.00
645 Uranium Mining Claims(based on minimum value of $100.00 each. None in production)	64,500.00
TOTAL ASSETS (minimum approximation)	$151,570.00
TOTAL LIABILITIES (all bills paid to date no liens)	NONE

COPY

COPY

Mining Lease and Bond

THIS INDENTURE, Made this 3rd day of March, 19 51

BETWEEN Lorrin W. Griffin

Lessor,

AND Fred Hinds

Lessee,

WITNESSETH, That the said Lessor.... for and in consideration of the royalties, covenants and agreements hereinafter reserved, and by the said Lessee.... to be paid, kept and performed, has.... granted, demised and let unto the said Lessee..... all of the following described mine..... and mining property, situated in the Twenty Mile Mining District of Harris Wash

County of Garfield, State of Utah, known and recorded as the Duals Nos. 1 to 15 inclusive and Harris Wash No. 1

and more fully described in recorded instruments upon the public records which are hereby referred to; together with the appurtenances; to have and to hold unto the said Lessee..... for the term of Twenty years from the date hereof, expiring at noon on the 3rd day of March, 19 71, unless sooner forfeited through the violation of any covenant hereinafter against the said Lessee..... reserved.

AND IN CONSIDERATION of the said demise, the said Lessee.... do..... covenant and agree with the said Lessor.... as follows, to wit:

First—To commence work at once upon said mine, and work the same in a good and workmanlike manner, working the aforesaid premises steadily and continuously from the date hereof; and that a failure to work

in good order and condition, without demand or further notice, on said 3rd day of March, 19 71, at noon, or at any time previous, upon demand for forfeiture.

The said Lessor...., for and in consideration of one dollar cash in hand paid by said Lessee...., the receipt whereof is hereby acknowledged, do..... hereby bind.....himself..... and.....is..... firmly bound unto the said Lessee.....and.....heirs or assigns in the sum of One thousand ——————————————————————————Dollars, lawful money of the United States, to make, execute and deliver a good and sufficient deed to said premises, free from all encumbrances, at any time before the expiration of lease to the said Lessee...., heirs, or assigns.

PROVIDED, That on or before the expiration of this lease, the said Lessee...., heirs or assigns, shall pay to the said Lessor...., heirs or assigns, the sum of...Fifteen thousand——————————————Dollars, lawful money of the United States, being the price agreed upon between the Lessor.... and Lessee.....

Each and every clause and covenant of this indenture shall extend to the assigns, heirs, executors and administrators of all parties hereto.

IN WITNESS WHEREOF the said parties, Lessor.... and Lessee...., have hereunto set their hands and seals, in duplicate, the date and year aforesaid.

Signed in presence of

Lorrin H. Griffin (Lessor) (Seal)

Fred Hinds (Lessee) (Seal)

(Seal)

(Seal)

County of Garfield
STATE OF Utah } ss.

On the 3rd day of March, A. D. 51

personally appeared before me Lorrin H. Griffin and Fred Hinds

the signers of the above instrument, who duly acknowledeged to me that they executed the same.

D.H. Coules
Notary Public.

My Commission expires November 23, 1951

dma 1301X

May 10, 1951

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

Attention: P.R. Bradley Jr., Chief
Chrome-Manganese-Tungsten Branch

Gentlemen:

We are enclosing four copies of Forms MF-103 covering prospective exploration of our manganese properties located in Garfield County, Utah, approximately two miles south and 19 miles east of Escalante, Utah and known and described as Dual Nos. 1 to 14 inclusive and Harris Wash No. 1.

I operate as an individual in the name of Fred Hinds d.b.a. Hinds Uranium Mining and Rare Metals, having no partmeers or stockholders. Attached is a summary of my education, mining and business experience. Also attached is a financial statement of my assets and liabilities.

The properties we propose to explore are owned by Lorrin W. Griffin of Escalante and held by me under lease dated March 3, 1951 for a period of twenty years with an option to buy at any time during that period for a cost not to exceed $1000.00 per claim. A copy of said lease is herewith attached.

I am prepared to invest $10,000.00 in the mineral exploration of this property providing that the Defense Minerals Administration or the propergovernment agency matches it with an additional $30,000.00 on the 75% participation basis allocated to manganese.

There are several major outcroppings of manganese on this property which seem to lie on two axis. One North to South approximately 2½ miles long and the other Northeast to Southwest approximately four miles long. Both axis join each other at their Northern extremities. Assays taken from these outcroppings show manganese values on the surface ranging from 24% to 35% and have a fairly consistant average at each location. The fifteen claims under out control are situated on these axis. It is impossible to give an exact legal description of the location of these properties other than described above as they are situated on unsurveyed government land.

To date there has been no production from these mining claims or within thier immediate vicinity and we believe that this constitutes a major new discovery of manganese ore that should produce substantial tonages of manganese for our National Stockpile and war effort.

If more extensive exploration of this property indicates the substantial tonages we believe exist at this location, I and some of my associates plan to construct a concentration mill at this site. Ample water is available for processing and the concentrate could be shipped by truck to the nearest railroad at Maysvale, Utah, a distance of approximately 110 miles.

COPY

It is our proposal to spend approximately three months on this exploration project taking a minimum of 200 ore samples both by core drilling, bulldozing and from surface of outcroppings. In order to do this it will be necessary to set up a semi-permanent camp at the base of operations to best utilize labor available. Attached is an estimate of the distribution of expenses that would be incurred on such a project.

We trust that you will give this matter your immediate attention. If more data is required, we will endevor to furnish it to you promptly upon your advise. As indicated above it is not possible to supply geological maps of surveys on this project at this time as it is a new discovery. However, recent estimates by two engineers disclose in excess of 500,000 tons of ore on the surface that assays from 24% to 35%. From the allignment of the structures of the outcroppings, they have estimated that the total reserves will run many times this amount contemplated for exploration.

Very truly yours,

Fred Hinds

Fred Hinds.

COPY

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 1301X

Date received 5-28-51

Participation

Mr. Fred Hinds
P.O. Box 191
Richfield, Utah

Name and address of applicant

Date May 10, 1951

FILL IN THIS BLOCK

Date of application May 10, 1951

Estimated cost $40,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Situated in Garfield County, Utah aproximately two miles south and 19 miles East of Escalante, Utah and known and described as Dual Nos. 1 to 14 inclusive and Harris Wash No. 1.

Date of filing MF-100

DMA Docket Number, if available

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.

Fred Hinds
(Name of company)

By Fred Hinds
(Signature of authorized official)

May 10, 1951
(Date)

Owner
(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

ESTIMATE OF COST OF EXPLORATION OF MAYLAND PROPERTIES IN MAPEL WALK
BY FRED MILDS, P.O. BOX 191, MIC MILLAD, UTAH
BASED UPON THREE MONTHS EXPLORATION

SALARIES PER MONTH

1 Field Superintendent		500.00
4 Miners & Drillers @ 1.50 per hr, 12.00 per day, 28 days		1344.00
1 Cook		200.00
	Total per month	2044.00
	Total 3 months	6132.00

EQUIPMENT RENTAL

1 D-7 Cat with Dozer & Operator	224 hour month @ 10.00 per hr.	2240.00
1 Front End Loader	224 hour month @ 8.00 per hr.	1792.00
1 Core Drill Rig	224 hour month @ 25.00 per hr.	5600.00
1 Jeep	28 days @ 10.00 per day	280.00
Total per month		9912.00
Total 3 months		29,736.00

CAMP EQUIPMENT

2 8x10 Tents @ 120.00 each	240.00
1 14x16' Cook Tent	175.00
1 Cook stove with propane for 90 days	350.00
Misc. Cooking Equipment	250.00
6 Iron bunks & Matresses @ 15.00 each	90.00
2000' lumber for floors of tents & sidewalls @ 140.00 per M'	280.00
12 Blankets @ 5.00 each	60.00
6 pillows @ 2.00 each	12.00
Total	1457.00

FOOD

6 men @ 2.00 per day per man for 90 days	1080.00

ASSAYS

200 Assay samples @ 2.00 each	400.00

MISCELLANEOUS

Fuel, repairs, etc.	1195.00

GRAND TOTAL FOR THREE MONTHS OPERATIONS $40,000.00

COPY

EXPERIENCE SUMMARY

FRED HINDS, P.O.BOX 191, RICHFIELD, UTAH

Born in the Cherokee Strip of Oklahoma, June 22, 1900. Received education in Kansas City, Kansas public schools, graduating from Wyandotte High School in June 1915. Attended Kansas University from 1916 to 1918 majoring in law. Received B.A. degree in Law upon entrance into the United States Army in 1918. Served eighteen months as private in the 85th Division of the Missouri National Guard.

Upon release from the army entered the Rolla School of Mines majoring in Mining Engineering and Geology. Graduated in 1925 with a M.A. in Mining Engineering and Geology.

In May 1926 went with the Anaconda Copper Co. at Lima, Peru as Superintendent of Production and Engineering opening their operation in that area. Remained with them until 1930.

Then operated silver mines of his own in Guadalajara, Mexico from 1930 to 1932, at which time the Mexican Government expropriated his mines. From 1932 until the latter part of 1943 served as consulting mining engineer for various groups and operated several mining operations in gold, silver, copper and lead for himself.

In the latter part of 1943 accepted a commission as Lieutenant Commander in the Sea Bees with open assignment. Supervised various types of Air Base and Landing Base construction involving the moving of large amounts ofdirt and hard rock. Was honorably discharged in December 1945.

Then began prospecting for Uranium and Manganese ores in California, Utah, Wyoming, Idaho and Colorado, making an intensive study of the geology and mining operations in these area. Has made several outstanding discoveries of both manganese and uranium, notably the Uranium bearing formation of the Circle Cliffs of Southeast Utah, the manganese bearing formations of the Clear Creek and Harris Wash areas of Utah, and extensive Thorium rich sands in Central Idaho.

From 1945 until the Spring of 1951 also served as Consulting Engineer for various Uranium and Manganese companies in addition to his own operations.

In February 1951 organized his present company to develope his uranium and manganese discoveries in Southeast Utah. Has established a large well constructed permanent mining camp in this area with an experienced staff of engineers and miners. Present estimated valuation of camp and mining equipment is in excess of $50,000.00 with no liens against it.

Mr. Hinds enjoys a considerable reputation among the mining fraternity in the Western States as having an outstanding knowledge of Uranium and Manganese bearing ores and formations of this area.

COPY

FINANCIAL STATEMENT

FRED MINES, P.O. BOX 191, MIDVALE, UTAH MAY 10, 1951

Cash in bank and at hand	$12,284.63
Monies receivable in 60 days from royalties, loans, etc.	25,460.00
Camp equipment & supplies	14,724.68
1 1951 Jeep Station Wagon	1965.45
1 1951 Army type Jeep	1534.11
1 D-7 Cat with Dozer & ripper	9000.00
1 D-5 Front End Loader 1 yd.	6000.00
1 Cletrac tractor	1400.00
1 1950 Hudson Business Coupe	1800.00
Misc. Mining Equipment & Supplies	7000.00
Office Equipment	842.00
645 Uranium Mining Claims(based on minimum value of $100.00 each. None in production)	64,500.00
TOTAL ASSETS (minimum approximation)	$151,570.00
TOTAL LIABILITIES (all bills paid to date no liens)	NONE

COPY

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Mining Lease and Bond

THIS INDENTURE, Made this 3rd day of March, 19 52

BETWEEN Lorrin W. Griffin

Lessor,

AND Fred Hinds

Lessee,

WITNESSETH, That the said Lessor.... for and in consideration of the royalties, covenants and agreements hereinafter reserved, and by the said Lessee.... to be paid, kept and performed, ha.e.... granted, demised and let unto the said Lessee..... all of the following described mine..... and mining property, situated in the Twenty Mile Mining District of Harris Wash

County of Garfield, State of Utah, known and recorded as the Duplo Nos. 1 to 15 inclusive and Harris Wash No. 1

and more fully described in recorded instruments upon the public records which are hereby referred to; together with the appurtenances; to have and to hold unto the said Lessee..... for the term of Twenty years from the date hereof, expiring at noon on the 3rd day of March, 19 71, unless sooner forfeited through the violation of any covenant hereinafter against the said Lessee..... reserved.

AND IN CONSIDERATION of the said demise, the said Lessee.... do..... covenant and agree with the said Lessor.... as follows, to wit:

First—To commence work at once upon said mine, and work the same in a good and workmanlike manner, working the aforesaid premises steadily and continuously from the date hereof; and that a failure to work said premises with at least one person.... for one days in each calendar month, after the first month in which indenture is made, may, at the option of Lessor...., be considered a violation of this covenant.

Second—To timber said mine, when and where necessary, at Lessee's own expense.

Third—To allow the said Lessor.... or his agent.... to enter upon and into all parts of said mine for the purpose of inspection.

Fourth—To not assign this lease, or any interest thereunder, or sublet the same, or any part thereof, without the written consent of said Lessor.... Fourth- Lessee may sublet a this lease or any interest therein or in the premises any time without the consent of the lessor.

Fifth—To pay and deliver to said Lessor.... or to his agent...., as royalty, eight per cent of the net value of all ores extracted from said premises during the life of this lease. Net value means the proceeds of ore sold less the costs of transportation from mine to smelter or sampler, and sampling and assaying charges.

Sixth—To deliver up to said Lessor.... the said premises with the appurtenances, and all improvements, including ground improvements only. Buildings and equipment may be removed.

in good order and condition, without demand or further notice, on said 3rd day of March, 19 71, at noon, or at any time previous, upon demand for forfeiture.

The said Lessor..., for and in consideration of one dollar cash in hand paid by said Lessee..., the receipt whereof is hereby acknowledged, do hereby bind himself and is firmly bound unto the said Lessee and heirs or assigns in the sum of One thousand——— Dollars, lawful money of the United States, to make, execute and deliver a good and sufficient deed to said premises, free from all encumbrances, at any time before the expiration of lease to the said Lessee..., heirs, or assigns.

PROVIDED, That on or before the expiration of this lease, the said Lessee..., heirs or assigns, shall pay to the said Lessor..., heirs or assigns, the sum of Fifteen thousand——— Dollars, lawful money of the United States, being the price agreed upon between the Lessor... and Lessee...

Each and every clause and covenant of this indenture shall extend to the assigns, heirs, executors and administrators of all parties hereto.

IN WITNESS WHEREOF the said parties, Lessor... and Lessee..., have hereunto set their hands and seals, in duplicate, the date and year aforesaid.

Signed in presence of

Lorrin W. Griffin (Lessor) (Seal)

Fred Hinds (Lessee) (Seal)

(Seal)

(Seal)

County of Garfield
STATE OF Utah } ss.

On the 3rd day of March, A. D. 51 personally appeared before me Lorrin W. Griffin and Fred Hinds

the signer...s of the above instrument, who duly acknowledged to me that they executed the same.

D.H. Cowles
Notary Public.

My Commission expires November 23, 1951

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

May 7, 1951

Mr. J. W. McBroom, Business Manager
Fred Finds
P. O. Box 191
Richfield, Utah

Dear Mr. McBroom:

This will acknowledge your letter dated, April 16, 1951 relative to Government assistance in exploration upon your manganese properties. We are enclosing five copies of forms DF-103, and the governing regulations, Form DM-5. The first should be filed in quadruplicate and return to this office.

We will be very glad to give your requests prompt consideration upon receipt of the completed forms.

Very truly yours,

P. R. Bradley

P. R. Bradley, Jr., Chief
Chrome-Manganese-Tungsten Branch

Enclosure

TJBallard:ec

CC: Adm. Reading File
Mr. Strobel
Mr. Bradley
Files

~~LANDON F. STROBEL~~
Bradley

FRED HINDS

URANIUM MINING AND RARE METALS

Post Office Box 191 RICHFIELD, UTAH 206 Commercial Bank Bldg.

April 16, 1951

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

Att: Dr. James Boyd

Gentlemen:

In connection with your announcement of April 10th concerning the new Defense Mining Program we would appreciate receiving the following information.

We have leases at the present time on approximately 32 mining claims which bear almost unlimited deposits of manganese which preliminary surface assays indicate run 30% and higher. It is our desire to put these claims into production as soon as possible but it will first be necessary to do some additional exploratory and assay work in order to determine the best starting points and production methods to use. If necessary we are prepared to put in a concentration mill in order to bring sub-standard ores up to the necessary concentrations and quality for shipment.

We should appreciate receiving the necessary application forms for government participation in this project as quickly as possible and any other information you may deem pertinent that may help us to get under way.

At the present time we are developing a large uranium project in the Circle Cliffs area of Utah which is close to our proposed manganese development, and are in an excellent financial position to start the manganese operation with a minimum expenditure of time and expense on the part of the government.

Very truly yours

J.H. McBroom
Business Manager

JHM/dt

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 18 1951
LANDON F. STROBEL
Executive Secretary