DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1423-X

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

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

Routing Slip

To: ADM. MNG. DIV. Date JUL 18 '51

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

FILE COPY
SURNAME:

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

June 14, 1951

Mr. W. M. Burkhalter
Brown, Lund & Fitzgerald
Attorneys
Washington Loan & Trust Bldg.
Washington 4, DC

Subject: DMA-1423X
Re: Exploration Loan
Blanchard Tract, Waddell
Property, Adams Tract,
Ball, Roland, Ira Ball
and Messer Tract

My dear Mr. Burkhalter:

Receipt is acknowledged of the application and attachments of William J. Ramsey and O. H. Cate of May 30, 1951, for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1423X and was referred to Mr. P. R. Bradley, Chief, Manganese Branch on June 4, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1423X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
>Files
Bradley
Lyon

FILE COPY
SURNAME:

Holderer
Selfridge

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

July 13, 1951

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

In reply please refer to:
DMA-1423-X — Manganese

From: Manganese Branch

Subject: DMA-1423-X — Manganese
Case & Ramsey property
Tennessee

An application for a loan covering a 24,000 project was submitted to do trenching on various parcels of ground. These are known as the Blanchard, Kendell, Adams, Bell, Roland, Bell and Messer tracts.

The application has been denied for the following reasons:

1. Production has probably amounted to less than 500 tons most of which was made during the years 1905-1906.

2. During World War I several of the properties were reopened but only 10 or 12 tons of ore are reported to have been shipped at that time.

3. Data in Tennessee Bull. 50 do not indicate that the area is favorable for the discovery of sufficient ore to warrant even the small amount of exploration proposed.

Attached hereto is a copy of the letter informing the applicant of this action.

George B. Holderer

jam

George B. Holderer
Chief, Manganese Branch

Attachment

GCSelfridge:awj

cc:Adm. Reading File
File
Reports & Records Unit
Field Team VII
omitted Mr. Holderer

FILE COPY
SURNAME:

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

H. Holden
Selfridge

July 13, 1951

Mr. W. M. Burkhalter
Brown, Lund and Fitzgerald
Washington Loan & Trust Bldg.
Washington 4, D. C.

In reply please refer to:
DM-1423-X — Manganese

Dear Mr. Burkhalter:

The application for an exploration loan submitted in behalf of Messrs. W. J. Ramsey and O. H. Cate has been carefully reviewed. Total production of manganese ore from the area has been very limited and virtually all of the production was made during the years 1900-1906. Although several of the properties were reopened and prospected during World War I only 10 or 15 tons of ore were reported shipped during that period. Additional geologic data indicate that the area is unfavorable for the discovery of interesting amounts of commercial ore. We therefore must deny the application.

Very truly yours,

Tom Lyon

Tom Lyon
Director, Supply Division

GCSelfridge:awj

cc:File
Adm. Reading File
Reports & Records Unit
Field Team VII
Mr. Holderer

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : George Holderer DATE: July 11, 1951

FROM : M. D. Crittenden

SUBJECT: DMA-1423 X

W. J. Ramsey and O. H. Cate propose to explore a group of manganese properties in Cocke County, Tennessee. The amount requested is only $4,000. In order to repay the Government's share of this amount, it would be necessary to produce more than 1,000 tons of high-grade manganese concentrates. The Geological Survey has very little information concerning the deposits in question which are known as the Waddell, Wood, Adams, and Blanchard properties. However, the total production is probably less than one-half of this amount, and virtually all of this production was made during the years 1900-1906. Only 10 or 12 tons are reported to have been shipped during World War I although several of the properties were reopened and prospected at that time. There was no activity during WW II. On the basis of this information the geologic prospects for additional discoveries appear too poor to warrant the proposed exploration. The following is a draft of a letter to the applicants indicating this fact:

Your application for assistance in exploring the Adams, Blanchard, Wood and Waddell properties in Cocke County, Tennessee has been reviewed by the DMA. The records of production from these properties and the description given in Tennessee Bull. 50 does not indicate that the geologic conditions are favorable for the discovery of sufficient ore to warrant even the small amount of exploration proposed. The Waddell mine was reopened in 1918 but only 10 tons of manganese ore was found. Under these circumstances I regret that it is not possible to approve your request for assistance."

MDC

June 14, 1951

Mr. W. M. Burkhalter
Brown, Lund & Fitzgerald
Attorneys
Washington Loan & Trust Bldg.
Washington 4, DC

Subject: DMA-1423X
Re: Exploration Loan
Blanchard Tract, Waddell
Property, Adams Tract,
Ball, Roland, Ira Ball
and Musser Tract

My dear Mr. Burkhalter:

Receipt is acknowledged of the application and attachments of William J. Ramsey and O. H. Cate of May 30, 1951, for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1423X and was referred to Mr. P. R. Bradley, Chief, Manganese Branch on June 4, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1423X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: >Strobel-2
Files
Bradley
Lyon

dmd 14223X

LAW OFFICES
BROWN, LUND & FITZGERALD

BROWN, FENLON & MURRAY
PENOBSCOT BUILDING
DETROIT, MICH.

PRENTISS M. BROWN
WENDELL LUND
BERNARD M. FITZGERALD
WM. M. BURKHALTER
BYRON J. HARRILL
TAX COUNSEL
A. MANNING SHAW
BUSINESS CONSULTANT

WASHINGTON LOAN & TRUST BLDG.
WASHINGTON 4, D. C.
TELEPHONE DISTRICT 4377

May 31, 1951

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

Re: Form MF-103 (Manganese)
Application for aid for an
Exploration Project pursuant
to Mineral Order 5.

Gentlemen:

We are enclosing four executed copies of MF-103, the application of Messrs. William J. Ramsey and O. H. Cate, a Tennessee partnership. This application is for exploration aid on a manganese project.

Since these parties were advised that this application had to be filed by May 31, 1951, there is certain data which is not included in the application as it could not be obtained in time. This supplemental information will be furnished if required by you.

We will appreciate your early consideration of this matter.

Sincerely yours,

BROWN, LUND & FITZGERALD

BY Wm Burkhalter

W. M. Burkhalter

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 31 1951
LANDON F. STROBEL
Executive Secretary

Form MF-103
(April 1951)

U. 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/14213X

Date received 5-23-51

Participation

William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

O. H. Cate
206 Mims Avenue
Newport, Tennessee

Name and address of applicant

Date May 30, 1951

FILL IN THIS BLOCK

Date of application May 30, 1951

Estimated cost $4,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Cocke County, Tennessee, near town of Newport, Tennessee

Date of filing MF-100 Not filed

DMA Docket Number, if available None

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 -- See attached sheets.

*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 -- See attached sheets.

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-- See attached sheets.

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-- See attached sheets.

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.

Cate & Ramsey
(Name of company)

By O. H. Cate
(Signature of authorized official)

May 30, 1951
(Date)

William J. Ramsey
(Title)

Defense Minerals Administration
RECEIVED
MAY 31 1951
LANDON F. STROBEL
Executive Secretary

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.

Mr. William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

THE APPLICANT

1. &
2. Applicant is a partnership presently doing business under the name of Cate & Ramsey. The partners are O. H. Cate, residing at 206 Mims Avenue, Newport, Tennessee, and William J. Ramsey, residing at 1810 Forestdale Avenue, Knoxville, Tennessee.

4. The mining and general business experience of these individuals is as follows:

William J. Ramsey is a native-born American, aged 49. His present occupation is that of a steam fitter, pipe fitter and plumber, being employed by Kaighan & Hughes, pipe fitters, at Oak Ridge, Tennessee. He is a registered master plumber in New York and New Jersey. He has been a mining prospector over most of the United States for a period of approximately 27 years. In 1927 he was employed by the LaPalinas Mining Company of Los Angeles, California, as a cutter and shaker on a gold dredge. In 1930 he held a principal contract for removing rock from a mining vein owned by Ringwood mines at Ringwood, New York, a Canon mine. He likewise had such a contract doing similar work at the Wharton mine near Dover, New Jersey. Between 1933 and 1934 he owned and operated a lead mine located in New York and New Jersey, headquartered at Ramsay, New Jersey.

O. H. Cate is a native-born American, aged 46. He presently is employed as General Foreman with Kaighan & Hughes, Oak Ridge, Tennessee. In 1922 and 1923 he commenced his work as a coal miner with the United States Steel Corporation at Lynch, Kentucky. Between 1928 and 1929 he was employed by the Tennessee Copper Company at Ducktown, Tennessee, with its corps of engineers. In connection with this work he had an opportunity to do extensive exploring and mining for that company. From 1929 to 1936 he did contract work, largely for the State of Tennessee in quarrying and road building. Between 1936 and 1951 he was engaged in general construction work, building steam plants and work of that nature on his own.

5. The mining property which applicant proposes to operate is not owned by it. Nevertheless, it has already obtained promises from the owners of the property that they will convey by lease all mining rights to applicant. These leases are now in the process of preparation and there is every reason to believe that they will be executed within the next week. The reason that this application is filed before actual execution of the leases is that applicant is advised that this application must be filed with the Government by May 31, 1951.

Mr. William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

8. &
9. Applicant partnership presently has neither assets nor liabilities. Its two partners, however, who have no liabilities, possess $1000.00 each in cash which they are willing to risk on the proposed project. The amount they are willing to risk is sufficient to pay the partnership's part of the cost of the operation in accordance with the Government's regulations.

THE PROPERTY

10. The property involved in the exploration project presently consists of 575 acres held by Kenneth Runnion of Newport, Tennessee, and approximately 60 acres held by G. Herbert Murray of Newport, Tennessee. Proper lease of the mining rights to these tracts have been promised and are now in the process of preparation. In addition thereto leases are being obtained from the owners of certain of the adjoining tracts. These tracts are shown on the map attached hereto and marked EXHIBIT 1.

11. The tract owned by Kenneth Runnion is commonly known as the Blanchard tract and the Waddell property. The G. Herbert Murray property is locally known as the Adams tract. The other property upon which mining leases are being obtained are locally described as the Ball, the Roland, the Ira Ball, and the Messer tract.

12. The property is situated eight miles East of Newport, Tennessee, and three miles West of Bridgeport, Tennessee. It is immediately adjacent to the main line tracks of the Southern Railway Company and can be reached by way of U.S. Highway No. 25, a concrete road.

13. The French Broad River is immediately adjacent to the property and supplies sufficient water at all seasons of the year. In addition thereto, there is a large spring on the land to be leased the output of which is equivalent to six miner's inches.

14. None.

15. Ore can be shipped directly by the Southern Railway to the United States Steel Corporation at Birmingham, Alabama. In addition thereto a new steel mill is being projected at Oneida, Tennessee. There likewise is a possibility that the ore can be shipped to and purchased by the Electro Manganese Corporation of Knoxville, Tennessee, and the Tennessee Eastman Company at Kingsport, Tennessee, both of which points are infinitely nearer than Birmingham.

16. Several small manganese mine operations have previously been operated on the Kenneth Runnion property, mining rights to which are being leased to applicant. These operations allegedly took place in the early part of the present century. Applicant cannot be too sure of the extent of these operations. They were known as the Wood mine, the Adams mine, the Blanchard mine, and the Waddell mine, each being a separate operation. Applicant is not positive of the exact history of these operations and has been unable to obtain exact figures thereon. Short histories of these mines are contained in Bulletins 50, 52 and 57, published by the Division of Geology for the State of Tennessee at Nashville. Due to the press of time applicant has been unable to obtain copies of these bulletins for the purpose of filing with this application. It is advised, however, that they are readily available and applicant has examined copies of them in the Office of the Bureau of Mines at Knoxville. The history of these mines as shown in these bulletins does not reflect that large amounts of manganese were removed from the tracts involved. One history does show that the manganese content of the ore taken from the Blanchard mine, which mine is located on the property to be leased, was 48%. One of the bulletins contains a geological map which map, according to the Bureau of Mines representative in Knoxville, shows that manganese is present on the property which applicant is leasing. A statement of R. L. Blanchard, who was born on the property being leased and who has no connection with applicant, is attached as EXHIBIT 2 to this application. In addition thereto applicant submitted two typical ore samples found on the tract to the laboratory of the Electro Manganese Corporation of Knoxville, Tennessee. One of these was proven by that laboratory to contain 19.43% manganese. Copy of this report is attached as EXHIBIT 3.

17. No application.

18. Applicant believes that there are between one and one and one-half million tons of manganese ore available.

THE EXPLORATION

20. Manganese.

21. Applicant proposes to use a heavy bulldozer to clear off over burden on outside of vein. It estimates that thirty (30) working days will be required to complete the exploration.

22. See answer to Question 16.

Mr. William J. Ramsey
1810 Forest dale Avenue
Knoxville, Tennessee

Mr. O. K. Cate
206 Mims Avenue
Newport, Tennessee

THE REQUIREMENTS AND COSTS

23.

(a)	Five quarry men or excavators at $8.00 per day each	$1200.00
(b)	One supervisor at $20.00 per day	600.00
(c)	None	
(d)	Squad tent	50.00
(e)	None	
(f)	Air compressor at $10.00 per day	300.00
	and	
	Heavy bulldozer with operator at $50.00 per day	1500.00
(g)	None	
(h)	Miscellaneous small tools	350.00
		$4000.00

24. If the application is approved it will be necessary to obtain a small mining loan. The mining operation will be a quarry operation. It will be necessary to direct facilities for washing the ore and also to construct a short railroad siding onto the property. The cost of these operations will not be in excess of $10,000.00, possibly much less. Upon erection of such facilities production can commence almost immediately.

N

1. X shows app. location of mines

2. Property leased is the Kenneth Runnion land consisting of 265 acres + is marked around in ink

265
275
30
575 acres

OHC

3. (X) shows manganese out cropping.

4. G. H. Murray lease 60 Acres in Broken Line.

C
O
P
Y

Del Rio, Tenn.
May 29, 1951

TO WHOM THIS MAY CONCERN:

I was born on the Blanchard property, lying in the first Cival District of Cocke County, Tennessee and on the South side of French Broad river, three miles west of Del Rio, Tenn. I lived there thirty five years and began working at the mines near my home and on the property now belonging to Kenneth Runnion and later on at the Adams mines. I know this country better than any one else and I will say that there is plenty of high grade ore out-cropping and that the best hasn't been tapped and containing high grade manganese, also high grade iron containing mangnest. Of this type of ore about 115,000 tons has been mined and shipped. This is a small amount of what remains.

R. L. Blanchard

s/ R. L. Blanchard

Ex. 2.

COPY

Del Rio, Tenn.
May 29, 1951

TO WHOM THIS MAY CONCERN:

I was born on the Blanchard property, lying in the First Civil District of Cocke County, Tennessee and on the South side of French Broad river, three miles west of Del Rio, Tenn. I lived there thirty five years and began working at the mines near my home and on the property now belonging to Kenneth Runnion and later on at the Adams mines. I know this country better than any one else and I will say that there is plenty of high grade ore out-cropping and that the best hasn't been tapped and containing high grade manganese, also high grade iron containing manganese. Of this type of ore about 115,000 tons has been mined and shipped. This is a small amount of what remains.

H. L. Blanchard

s/ H. L. Blanchard

C
O
P
Y

ELECTRO MANGANESE CORP.

Knoxville 4-Tennessee

Analytical Laboratory Report

No. _____ Car No. _____ Date 5/30/51

Material Ore Sample

Origin Mr. William Ramsey

Large Lump	19.43% Mn.
Small Red Lump	2.86% Mn.

E. F. Reynolds
Analyst

s/ William L. Hammerquist
Approved

William L. Hammerquist

5M 10 49

Ex. 3.

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 1423X

Date received 5-31-51

Participation

William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

O. H. Cate
206 Mims Avenue
Newport, Tennessee

Name and address of applicant

Date May 30, 1951

FILL IN THIS BLOCK

Date of application May 30, 1951

Estimated cost $4,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Cocke County, Tennessee, near town of Newport, Tennessee

Date of filing MF-100 Not filed

DMA Docket Number, if available None

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 -- See attached sheets.

*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 -- See attached sheets.

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-- See attached sheets.

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-- See attached sheets.

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.

Cate & Ramsey
(Name of company)

May 30, 1951
(Date)

By O H Cate
(Signature of authorized official)

William J Ramsey
(Title)

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

*Same as footnote on page 1.

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

Mr. William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

THE APPLICANT

1. &
2. Applicant is a partnership presently doing business under the name of Cate & Ramsey. The partners are O. H. Cate, residing at 206 Mims Avenue, Newport, Tennessee, and William J. Ramsey, residing at 1810 Forestdale Avenue, Knoxville, Tennessee.

4. The mining and general business experience of these individuals is as follows:

William J. Ramsey is a native-born American, aged 49. His present occupation is that of a steam fitter, pipe fitter and plumber, being employed by Kaighan & Hughes, pipe fitters, at Oak Ridge, Tennessee. He is a registered master plumber in New York and New Jersey. He has been a mining prospector over most of the United States for a period of approximately 27 years. In 1927 he was employed by the LaPalinas Mining Company of Los Angeles, California, as a cutter and shaker on a gold dredge. In 1930 he held a principal contract for removing rock from a mining vein owned by Ringwood mines at Ringwood, New York, a Canon mine. He likewise had such a contract doing similar work at the Wharton mine near Dover, New Jersey. Between 1933 and 1934 he owned and operated a lead mine located in New York and New Jersey, headquartered at Ramsay, New Jersey.

O. H. Cate is a native-born American, aged 46. He presently is employed as General Foreman with Kaighan & Hughes, Oak Ridge, Tennessee. In 1922 and 1923 he commenced his work as a coal miner with the United States Steel Corporation at Lynch, Kentucky. Between 1928 and 1929 he was employed by the Tennessee Copper Company at Ducktown, Tennessee, with its corps of engineers. In connection with this work he had an opportunity to do extensive exploring and mining for that company. From 1929 to 1936 he did contract work, largely for the State of Tennessee in quarrying and road building. Between 1936 and 1951 he was engaged in general construction work, building steam plants and work of that nature on his own.

5. The mining property which applicant proposes to operate is not owned by it. Nevertheless, it has already obtained promises from the owners of the property that they will convey by lease all mining rights to applicant. These leases are now in the process of preparation and there is every reason to believe that they will be executed within the next week. The reason that this application is filed before actual execution of the leases is that applicant is advised that this application must be filed with the Government by May 31, 1951.

Mr. William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

8. &
9. Applicant partnership presently has neither assets nor liabilities. Its two partners, however, who have no liabilities, possess $1000.00 each in cash which they are willing to risk on the proposed project. The amount they are willing to risk is sufficient to pay the partnership's part of the cost of the operation in accordance with the Government's regulations.

THE PROPERTY

10. The property involved in the exploration project presently consists of 575 acres held by Kenneth Runnion of Newport, Tennessee, and approximately 60 acres held by G. Herbert Murray of Newport, Tennessee. Proper lease of the mining rights to these tracts have been promised and are now in the process of preparation. In addition thereto leases are being obtained from the owners of certain of the adjoining tracts. These tracts are shown on the map attached hereto and marked EXHIBIT 1.

11. The tract owned by Kenneth Runnion is commonly known as the Blanchard tract and the Waddell property. The G. Herbert Murray property is locally known as the Adams tract. The other property upon which mining leases are being obtained are locally described as the Ball, the Roland, the Ira Ball, and the Messer tract.

12. The property is situated eight miles East of Newport, Tennessee, and three miles West of Bridgeport, Tennessee. It is immediately adjacent to the main line tracks of the Southern Railway Company and can be reached by way of U.S. Highway No. 25, a concrete road.

13. The French Broad River is immediately adjacent to the property and supplies sufficient water at all seasons of the year. In addition thereto, there is a large spring on the land to be leased the output of which is equivalent to six miner's inches.

14. None.

15. Ore can be shipped directly by the Southern Railway to the United States Steel Corporation at Birmingham, Alabama. In addition thereto a new steel mill is being projected at Oneida, Tennessee. There likewise is a possibility that the ore can be shipped to and purchased by the Electro Manganese Corporation of Knoxville, Tennessee, and the Tennessee Eastman Company at Kingsport, Tennessee, both of which points are infinitely nearer than Birmingham.

Mr. William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

16. Several small manganese mine operations have previously been operated on the Kenneth Runnion property, mining rights to which are being leased to applicant. These operations allegedly took place in the early part of the present century. Applicant cannot be too sure of the extent of these operations. They were known as the Wood mine, the Adams mine, the Blanchard mine, and the Waddell mine, each being a separate operation. Applicant is not positive of the exact history of these operations and has been unable to obtain exact figures thereon. Short histories of these mines are contained in Bulletins 50, 52 and 57, published by the Division of Geology for the State of Tennessee at Nashville. Due to the press of time applicant has been unable to obtain copies of these bulletins for the purpose of filing with this application. It is advised, however, that they are readily available and applicant has examined copies of them in the Office of the Bureau of Mines at Knoxville. The history of these mines as shown in these bulletins does not reflect that large amounts of manganese were removed from the tracts involved. One history does show that the manganese content of the ore taken from the Blanchard mine, which mine is located on the property to be leased, was 48%. One of the bulletins contains a geological map which map, according to the Bureau of Mines representative in Knoxville, shows that manganese is present on the property which applicant is leasing. A statement of R. L. Blanchard, who was born on the property being leased and who has no connection with applicant, is attached as EXHIBIT 2 to this application. In addition thereto applicant submitted two typical ore samples found on the tract to the laboratory of the Electro Manganese Corporation of Knoxville, Tennessee. One of these was proven by that laboratory to contain 19.43% manganese. Copy of this report is attached as EXHIBIT 3.

17. No application.

18. Applicant believes that there are between one and one and one-half million tons of manganese ore available.

THE EXPLORATION

20. Manganese.

21. Applicant proposes to use a heavy bulldozer to clear off over burden on outside of vein. It estimates that thirty (30) working days will be required to complete the exploration.

22. See answer to Question 16.

Mr. William J. Ramsey
1810 Forest dale Avenue
Knoxville, Tennessee

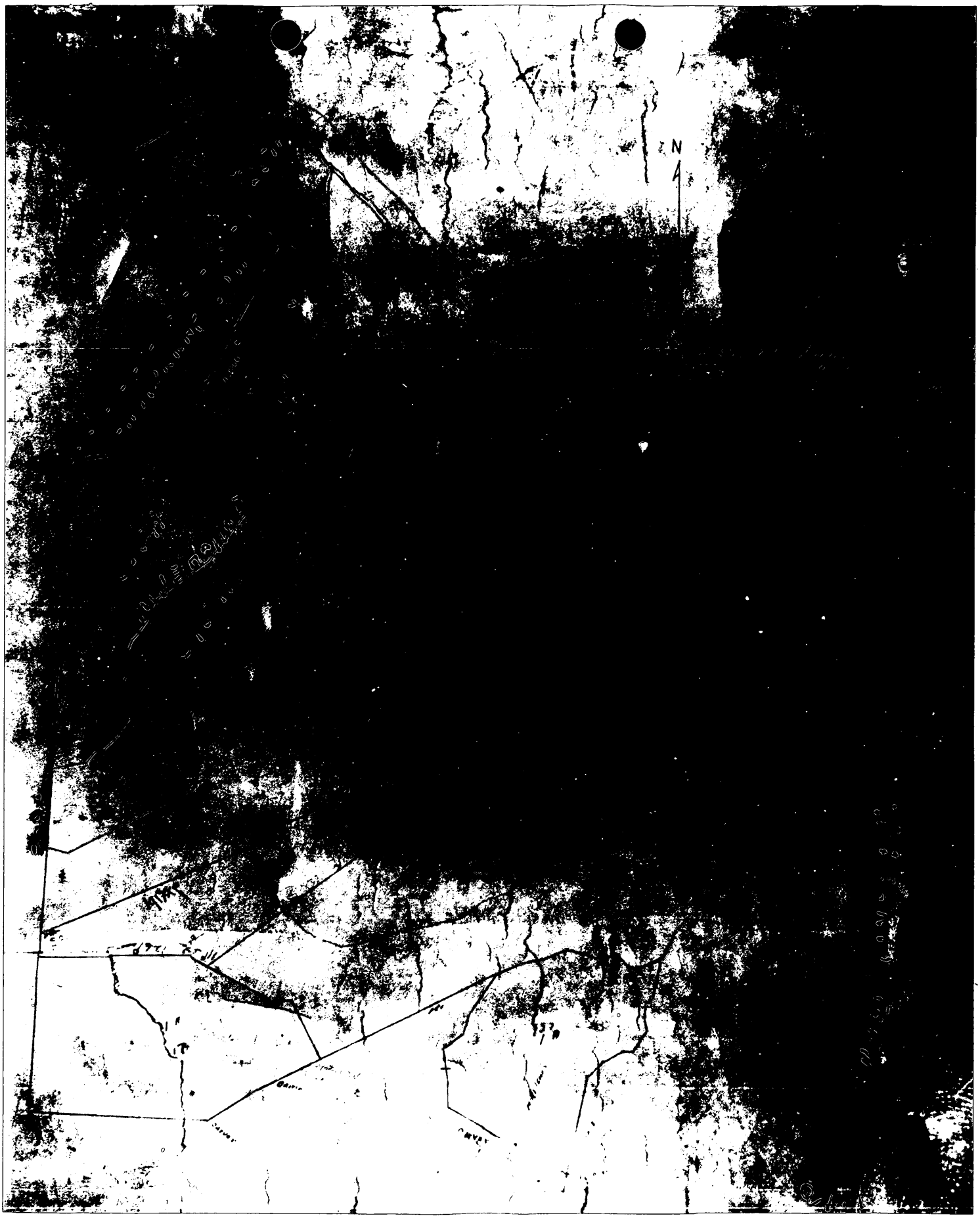
Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

THE REQUIREMENTS AND COSTS

23.

(a)	Five quarry men or excavators at $8.00 per day each	$1200.00
(b)	One supervisor at $20.00 per day	600.00
(c)	None	
(d)	Squad tent	50.00
(e)	None	
(f)	Air compressor at $10.00 per day	300.00
	and	
	Heavy bulldozer with operator at $50.00 per day	1500.00
(g)	None	
(h)	Miscellaneous small tools	350.00
		$4000.00

24. If the application is approved it will be necessary to obtain a small mining loan. The mining operation will be a quarry operation. It will be necessary to direct facilities for washing the ore and also to construct a short railroad siding onto the property. The cost of these operations will not be in excess of $10,000.00, possibly much less. Upon erection of such facilities production can commence almost immediately.


N

1. X Shows app[illegible] locations of min[illegible]

2. Property leased is Kenneth Romaine's Land consisting of 5 75 acres + is marked around in inks

(3). (X) Shows manganese outcropping.

4. G. H Murray lease 60 acres in broken Line

C
O
P
Y

Del Rio, Tenn.
May 29, 1951

TO WHOM THIS MAY CONCERN:

I was born on the Blanchard property, lying in the first Cival District of Cocke County, Tennessee and on the South side of French Broad river, three miles west of Del Rio, Tenn. I lived there thirty five years and began working at the mines near my home and on the property now belonging to Kenneth Runnion and later on at the Adams mines. I know this country better than any one else and I will say that there is plenty of high grade ore out-cropping and that the best hasn't been tapped and containing high grade manganese, also high grade iron containing mangnest. Of this type of ore about 115,000 tons has been mined and shipped. This is a small amount of what remains.

R. L. Blanchard

s/ R. L. Blanchard

Ex. 2.

C
O
P
Y

ELECTRO MANGANESE CORP.

Knoxville 4-Tennessee

Analytical Laboratory Report

No. _____ Car No. _____ Date 5/30/51

Material Ore Sample

Origin Mr. William Ramsey

Large Lump	19.43% Mn.
Small Red Lump	2.86% Mn.

E. F. Reynolds
Analyst

s/ William L. Hammerquist
Approved

William L. Hammerquist

5M 10 49

Ex.3

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 14213X

Date received 5-31-51

Participation

William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

O. H. Gate
206 Mins Avenue
Newport, Tennessee

Name and address of applicant

Date May 30, 1951

FILL IN THIS BLOCK

Date of application May 30, 1951

Estimated cost $4,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Cocke County, Tennessee, near town of Newport, Tennessee

Date of filing MF-100 Not filed

DMA Docket Number, if available None

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 -- See attached sheets.

*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 -- See attached sheets.

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 -- See attached sheets.

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 -- See attached sheets.

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

Cate & Ramsey
(Name of company)

By O. H. Cate
(Signature of authorized official)

May 30, 1951
(Date)

William J. Ramsey
(Title)

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

*Same as footnote on page 1.

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

Mr. William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

THE APPLICANT

1. &
2. Applicant is a partnership presently doing business under the name of Cate & Ramsey. The partners are O. H. Cate, residing at 206 Mims Avenue, Newport, Tennessee, and William J. Ramsey, residing at 1810 Forestdale Avenue, Knoxville, Tennessee.

4. The mining and general business experience of these individuals is as follows:

William J. Ramsey is a native-born American, aged 49. His present occupation is that of a steam fitter, pipe fitter and plumber, being employed by Kaighan & Hughes, pipe fitters, at Oak Ridge, Tennessee. He is a registered master plumber in New York and New Jersey. He has been a mining prospector over most of the United States for a period of approximately 27 years. In 1927 he was employed by the LaPalinas Mining Company of Los Angeles, California, as a cutter and shaker on a gold dredge. In 1930 he held a principal contract for removing rock from a mining vein owned by Ringwood mines at Ringwood, New York, a Canon mine. He likewise had such a contract doing similar work at the Wharton mine near Dover, New Jersey. Between 1933 and 1934 he owned and operated a lead mine located in New York and New Jersey, headquartered at Ramsay, New Jersey.

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5. The mining property which applicant proposes to operate is not owned by it. Nevertheless, it has already obtained promises from the owners of the property that they will convey by lease all mining rights to applicant. These leases are now in the process of preparation and there is every reason to believe that they will be executed within the next week. The reason that this application is filed before actual execution of the leases is that applicant is advised that this application must be filed with the Government by May 31, 1951.

Mr. William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

8. &
9. Applicant partnership presently has neither assets nor liabilities. Its two partners, however, who have no liabilities, possess $1000.00 each in cash which they are willing to risk on the proposed project. The amount they are willing to risk is sufficient to pay the partnership's part of the cost of the operation in accordance with the Government's regulations.

THE PROPERTY

10. The property involved in the exploration project presently consists of 575 acres held by Kenneth Runnion of Newport, Tennessee, and approximately 60 acres held by G. Herbert Murray of Newport, Tennessee. Proper lease of the mining rights to these tracts have been promised and are now in the process of preparation. In addition thereto leases are being obtained from the owners of certain of the adjoining tracts. These tracts are shown on the map attached hereto and marked EXHIBIT 1.

11. The tract owned by Kenneth Runnion is commonly known as the Blanchard tract and the Waddell property. The G. Herbert Murray property is locally known as the Adams tract. The other property upon which mining leases are being obtained are locally described as the Ball, the Roland, the Ira Ball, and the Messer tract.

12. The property is situated eight miles East of Newport, Tennessee, and three miles west of Bridgeport, Tennessee. It is immediately adjacent to the main line tracks of the Southern Railway Company and can be reached by way of U.S. Highway No. 25, a concrete road.

13. The French Broad River is immediately adjacent to the property and supplies sufficient water at all seasons of the year. In addition thereto, there is a large spring on the land to be leased the output of which is equivalent to six miner's inches.

14. None.

15. Ore can be shipped directly by the Southern Railway to the United States Steel Corporation at Birmingham, Alabama. In addition thereto a new steel mill is being projected at Oneida, Tennessee. There likewise is a possibility that the ore can be shipped to and purchased by the Electro Manganese Corporation of Knoxville, Tennessee, and the Tennessee Eastman Company at Kingsport, Tennessee, both of which points are infinitely nearer than Birmingham.

Mr. William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

16. Several small manganese mine operations have previously been operated on the Kenneth Runnion property, mining rights to which are being leased to applicant. These operations allegedly took place in the early part of the present century. Applicant cannot be too sure of the extent of these operations. They were known as the Wood mine, the Adams mine, the Blanchard mine, and the Waddell mine, each being a separate operation. Applicant is not positive of the exact history of these operations and has been unable to obtain exact figures thereon. Short histories of these mines are contained in Bulletins 50, 52 and 57, published by the Division of Geology for the State of Tennessee at Nashville. Due to the press of time applicant has been unable to obtain copies of these bulletins for the purpose of filing with this application. It is advised, however, that they are readily available and applicant has examined copies of them in the Office of the Bureau of Mines at Knoxville. The history of these mines as shown in these bulletins does not reflect that large amounts of manganese were removed from the tracts involved. One history does show that the manganese content of the ore taken from the Blanchard mine, which mine is located on the property to be leased, was 48%. One of the bulletins contains a geological map which map, according to the Bureau of Mines representative in Knoxville, shows that manganese is present on the property which applicant is leasing. A statement of R. L. Blanchard, who was born on the property being leased and who has no connection with applicant, is attached as EXHIBIT 2 to this application. In addition thereto applicant submitted two typical ore samples found on the tract to the laboratory of the Electro Manganese Corporation of Knoxville, Tennessee. One of these was proven by that laboratory to contain 19.43% manganese. Copy of this report is attached as EXHIBIT 3.

17. No application.

18. Applicant believes that there are between one and one and one-half million tons of manganese ore available.

THE EXPLORATION

20. Manganese.

21. Applicant proposes to use a heavy bulldozer to clear off over burden on outside of vein. It estimates that thirty (30) working days will be required to complete the exploration.

22. See answer to Question 16.

Mr. William J. Ramsey
1810 Forest dale Avenue
Knoxville, Tennessee

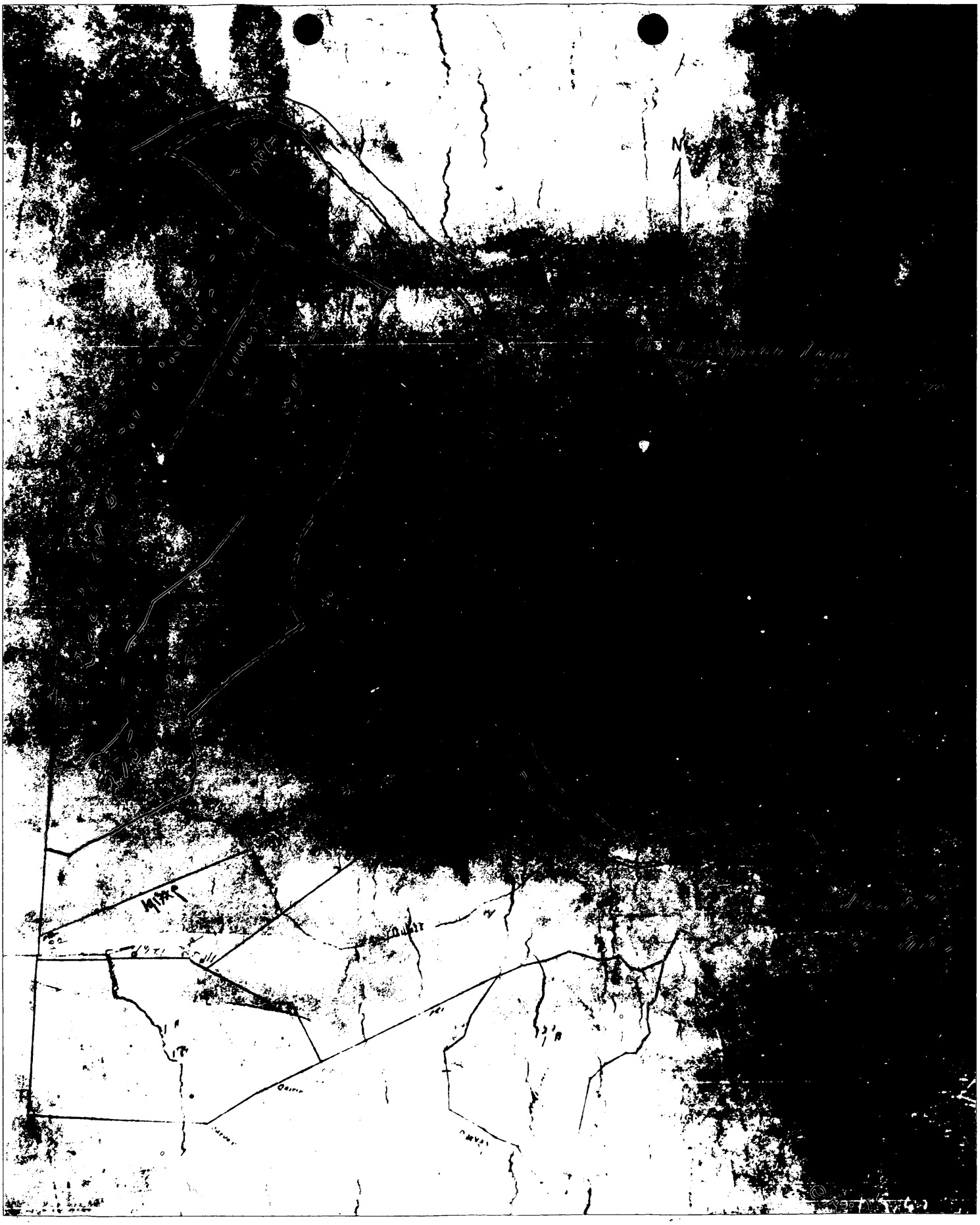
Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

THE REQUIREMENTS AND COSTS

23.

(a)	Five quarry men or excavators at $8.00 per day each	$1200.00
(b)	One supervisor at $20.00 per day	600.00
(c)	None	
(d)	Squad tent	50.00
(e)	None	
(f)	Air compressor at $10.00 per day	300.00
	and	
	Heavy bulldozer with operator at $50.00 per day	1500.00
(g)	None	
(h)	Miscellaneous small tools	350.00
		$4000.00

24. If the application is approved it will be necessary to obtain a small mining loan. The mining operation will be a quarry operation. It will be necessary to direct facilities for washing the ore and also to construct a short railroad siding onto the property. The cost of these operations will not be in excess of $10,000.00, possibly much less. Upon erection of such facilities production can commence almost immediately.



1. X shows appx. location of Mines

2. Property leased is Kenneth Runnions' Land consisting of 575 Acres + is marked in inks.

3) (X) shows manganese outcropping.

4. G. H. Murray lease 60 Acres in broken line

C
O
P
Y

Del Rio, Tenn.
May 29, 1951

TO WHOM THIS MAY CONCERN:

I was born on the Blanchard property, lying in the first Cival District of Cocke County, Tennessee and on the South side of French Broad river, three miles west of Del Rio, Tenn. I lived there thirty five years and began working at the mines near my home and on the property now belonging to Kenneth Runnion and later on at the Adams mines. I know this country better than any one else and I will say that there is plenty of high grade ore out-cropping and that the best hasn't been tapped and containing high grade manganese, also high grade iron containing mangnest. Of this type of ore about 115,000 tons has been mined and shipped. This is a small amount of what remains.

R. L. Blanchard

s/ R. L. Blanchard

Ex. 2.

C
O
P
Y

ELECTRO MANGANESE CORP.

Knoxville 4-Tennessee

Analytical Laboratory Report

No. _____ Car No. _____ Date 5/30/51

Material Ore Sample

Origin Mr. William Ramsey

Large Lump	19.43% Mn.
Small Red Lump	2.86% Mn.

E. F. Reynolds
Analyst

s/ William L. Hammerquist
Approved

William L. Hammerquist

5M 10 49

24.3

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 1423 X

Date received 5-31-51

Participation

William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

O. H. Cate
206 Mims Avenue
Newport, Tennessee

Name and address of applicant

Date May 30, 1951

FILL IN THIS BLOCK

Date of application May 30, 1951

Estimated cost $4,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Cocke County, Tennessee, near town of Newport, Tennessee

Date of filing MF-100 Not filed

DMA Docket Number, if available None

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 -- See attached sheets.

*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.

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THE PROPERTY — See attached sheets.

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 — See attached sheets.

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 — See attached sheets.

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.

Cate & Ramsey
(Name of company)

By O. H. Cate
(Signature of authorized official)

May 30, 1951
(Date)

William J. Ramsey
(Title)

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

*Same as footnote on page 1.

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

Mr. William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

THE APPLICANT

1. &
2. Applicant is a partnership presently doing business under the name of Cate & Ramsey. The partners are O. H. Cate, residing at 206 Mims Avenue, Newport, Tennessee, and William J. Ramsey, residing at 1810 Forestdale Avenue, Knoxville, Tennessee.

4. The mining and general business experience of these individuals is as follows:

William J. Ramsey is a native-born American, aged 49. His present occupation is that of a steam fitter, pipe fitter and plumber, being employed by Kaighan & Hughes, pipe fitters, at Oak Ridge, Tennessee. He is a registered master plumber in New York and New Jersey. He has been a mining prospector over most of the United States for a period of approximately 27 years. In 1927 he was employed by the LaPalinas Mining Company of Los Angeles, California, as a cutter and shaker on a gold dredge. In 1930 he held a principal contract for removing rock from a mining vein owned by Ringwood mines at Ringwood, New York, a Canon mine. He likewise had such a contract doing similar work at the Wharton mine near Dover, New Jersey. Between 1933 and 1934 he owned and operated a lead mine located in New York and New Jersey, headquartered at Ramsay, New Jersey.

O. H. Cate is a native-born American, aged 46. He presently is employed as General Foreman with Kaighan & Hughes, Oak Ridge, Tennessee. In 1922 and 1923 he commenced his work as a coal miner with the United States Steel Corporation at Lynch, Kentucky. Between 1928 and 1929 he was employed by the Tennessee Copper Company at Ducktown, Tennessee, with its corps of engineers. In connection with this work he had an opportunity to do extensive exploring and mining for that company. From 1929 to 1936 he did contract work, largely for the State of Tennessee in quarrying and road building. Between 1936 and 1951 he was engaged in general construction work, building steam plants and work of that nature on his own.

5. The mining property which applicant proposes to operate is not owned by it. Nevertheless, it has already obtained promises from the owners of the property that they will convey by lease all mining rights to applicant. These leases are now in the process of preparation and there is every reason to believe that they will be executed within the next week. The reason that this application is filed before actual execution of the leases is that applicant is advised that this application must be filed with the Government by May 31, 1951.

Mr. William J. Ramsey
1810 Forestdale Avenue
Knoxville, Tennessee

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206 Mims Avenue
Newport, Tennessee

8. &
9. Applicant partnership presently has neither assets nor liabilities. Its two partners, however, who have no liabilities, possess $1000.00 each in cash which they are willing to risk on the proposed project. The amount they are willing to risk is sufficient to pay the partnership's part of the cost of the operation in accordance with the Government's regulations.

THE PROPERTY

10. The property involved in the exploration project presently consists of 575 acres held by Kenneth Runnion of Newport, Tennessee, and approximately 60 acres held by G. Herbert Murray of Newport, Tennessee. Proper lease of the mining rights to these tracts have been promised and are now in the process of preparation. In addition thereto leases are being obtained from the owners of certain of the adjoining tracts. These tracts are shown on the map attached hereto and marked EXHIBIT 1.

11. The tract owned by Kenneth Runnion is commonly known as the Blanchard tract and the Waddell property. The G. Herbert Murray property is locally known as the Adams tract. The other property upon which mining leases are being obtained are locally described as the Ball, the Roland, the Ira Ball, and the Messer tract.

12. The property is situated eight miles East of Newport, Tennessee, and three miles West of Bridgeport, Tennessee. It is immediately adjacent to the main line tracks of the Southern Railway Company and can be reached by way of U.S. Highway No. 25, a concrete road.

13. The French Broad River is immediately adjacent to the property and supplies sufficient water at all seasons of the year. In addition thereto, there is a large spring on the land to be leased the output of which is equivalent to six miner's inches.

14. None.

15. Ore can be shipped directly by the Southern Railway to the United States Steel Corporation at Birmingham, Alabama. In addition thereto a new steel mill is being projected at Oneida, Tennessee. There likewise is a possibility that the ore can be shipped to and purchased by the Electro Manganese Corporation of Knoxville, Tennessee, and the Tennessee Eastman Company at Kingsport, Tennessee, both of which points are infinitely nearer than Birmingham.

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16. Several small manganese mine operations have previously been operated on the Kenneth Runnion property, mining rights to which are being leased to applicant. These operations allegedly took place in the early part of the present century. Applicant cannot be too sure of the extent of these operations. They were known as the Wood mine, the Adams mine, the Blanchard mine, and the Waddell mine, each being a separate operation. Applicant is not positive of the exact history of these operations and has been unable to obtain exact figures thereon. Short histories of these mines are contained in Bulletins 50, 52 and 57, published by the Division of Geology for the State of Tennessee at Nashville. Due to the press of time applicant has been unable to obtain copies of these bulletins for the purpose of filing with this application. It is advised, however, that they are readily available and applicant has examined copies of them in the Office of the Bureau of Mines at Knoxville. The history of these mines as shown in these bulletins does not reflect that large amounts of manganese were removed from the tracts involved. One history does show that the manganese content of the ore taken from the Blanchard mine, which mine is located on the property to be leased, was 48%. One of the bulletins contains a geological map which map, according to the Bureau of Mines representative in Knoxville, shows that manganese is present on the property which applicant is leasing. A statement of R. L. Blanchard, who was born on the property being leased and who has no connection with applicant, is attached as EXHIBIT 2 to this application. In addition thereto applicant submitted two typical ore samples found on the tract to the laboratory of the Electro Manganese Corporation of Knoxville, Tennessee. One of these was proven by that laboratory to contain 19.43% manganese. Copy of this report is attached as EXHIBIT 3.

17. No application.

18. Applicant believes that there are between one and one and one-half million tons of manganese ore available.

THE EXPLORATION

20. Manganese.

21. Applicant proposes to use a heavy bulldozer to clear off over burden on outside of vein. It estimates that thirty (30) working days will be required to complete the exploration.

22. See answer to Question 16.

Mr. William J. Ramsey
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Knoxville, Tennessee

Mr. O. H. Cate
206 Mims Avenue
Newport, Tennessee

THE REQUIREMENTS AND COSTS

23.

(a)	Five quarry men or excavators at $8.00 per day each	$1200.00
(b)	One supervisor at $20.00 per day	600.00
(c)	None	
(d)	Squad tent	50.00
(e)	None	
(f)	Air compressor at $10.00 per day	300.00
	and	
	Heavy bulldozer with operator at $50.00 per day	1500.00
(g)	None	
(h)	Miscellaneous small tools	350.00
		$4000.00

24. If the application is approved it will be necessary to obtain a small mining loan. The mining operation will be a quarry operation. It will be necessary to direct facilities for washing the ore and also to construct a short railroad siding onto the property. The cost of these operations will not be in excess of $10,000.00, possibly much less. Upon erection of such facilities production can commence almost immediately.

Geo. F. Runnion Land
Scale 1in = 40 Rds
Feb 4 1
W. Taylor Surveyor
N
FRENCH BROAD RIVER
Mineral & Timber
273 acres
265 acres
35 acres
Gift Mountain
1937
Del Rio

Ex. 1

1. x Shows app. location of Mines

2. Property leased is the Kenneth Lungion land Consisting of 575 acres & is Mark'd around in ink

3. (X) Shows Manganese out cropping.

4. G. H. Murray Lease 60 acres on Brown Line.

5

Del Rio, Tenn.
May 29, 1951

TO WHOM THIS MAY CONCERN:

I was born on the Blanchard property, lying in the first Cival District of Cocke County, Tennessee and on the South side of French Broad river, three miles west of Del Rio, Tenn. I lived there thirty five years and began working at the mines near my home and on the property now belonging to Kenneth Runnion and later on at the Adams mines. I know this country better than any one else and I will say that there is plenty of high grade ore out-cropping and that the best hasn't been tapped and containing high grade manganese, also high grade iron containing mangnest. Of this type of ore about 115,000 tons has been mined and shipped. This is a small amount of what remains.

R. L. Blanchard

R L Blanchard

Ex. 2.

ELECTRO MANGANESE CORP.

KNOXVILLE 4 - TENNESSEE

ANALYTICAL LABORATORY REPORT

No._____ Car No._____ Date 5/30/51

Material Ore Sample

Origin Mr. William Ramsey

Large Lump	19.43% Mn.
Small Red Lump	2.86% Mn.

E. F. Reynolds
Analyst

William L. Hammerquist
Approved
William L. Hammerquist

5M 10 49

Ex. 3.