UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Withdrawn
~~Terminated (or cancelled)~~ without certification. DMEA No. 1287

This is the official contract file containing all official records of the project. Duplicate material has been removed. The records contained in the files are checked and are arranged in this manner:

Left Side

Certificate of Audit (Final).

Interim Audit(s).

Report of Review.

Termination Notice or Agreement.

Recision Notice.

Assignment of Contract.

Contract Amendments (latest on top).

✓ Contract with all exhibits and annexes.

Owner's Consent to Lien.

Subordination Agreement.

Leases and assignments of leases.

✓ Application and attachments.

Schedule of Collections.

Operator's monthly reports and all attachments (latest on top).

Right Side

Project summary.

Work completed analysis.

✓ All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report. (Tab)

Operator's Final Report.

Interim Reports.

✓ On-site Exam Report(s). (Tab)

Settlement Sheets.

If additional folders are required because of volume of records, show folder numbers and contents below:

Maps in folder number_____

Operator's Monthly Reports in folder number _____

ce
Reviewer's Initials

7973

MF-200
(June 1951)

Docket No. DMA 1287X
Commodity Manganese
Idm-E203

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

not signed by Operator until after it had [illegible]

EXPLORATION PROJECT CONTRACT[1]

It is agreed this 5th day of November, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and[2] Chester W. Hymer
P.O. Box 666
Quincy, California

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of California, County of Plumas described as follows:[3] The Mt. Hough (Crystal Lake) Manganese Mine which is comprised of the Mt. Hough and Mt. Hough #1 unpatented claims. The mine is in Section 8, T.25N., R.10E; M.D.M., approximately 13.0 miles by car northerly from Quincy, California.

with respect to which the Operator represents and undertakes:[4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: There are no encumbrances.

(*b*) ~~That he is a lessee in possession and entitled to possession, and the subordination agreement of the lessor is attached.~~

3. *Exploration project.* The Operator, within thirty (30) days from the date of this contract shall commence work on a project of exploration for[5] manganese; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of[6] six (6) months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Any additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* An itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project is set forth in Exhibit "A" attached hereto.

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

10. *Allowable costs of the project.* The costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, analytical work, accounting, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in this contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, taxes, or any other indirect costs not expressly allowed by these provisions, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 75 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $3,750.00, which is 75 percent of the agreed estimated total cost of this project, $5,000.00.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

15. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter, shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent for each additional full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the mineral deposit which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

16. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

17. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Lucas E. Johnson
Acting Director, Production Expansion Division, Defense Minerals Administration

Chester W. Hymer
(Operator)

By C. W. Hymer

SAN FRANCISCO CALIFORNIA
JUL 7 AM 9:03
DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

U. S. GOVERNMENT PRINTING OFFICE 16—64066-2

The Chester W. Hymer Property
Exploration Project Contract
The Mt. Hough Manganese Mine.

EXHIBIT "A"

Exploration Project Time Schedule-Month	Stage I*
1st. to 3rd.	1. Rehabilitate the portal and several sections of the Lower adit to the present face.

Stage II

1. Extend the Lower adit southeastly from the present face 200 feet along the vein as shown on the attached map.

*As indicated in section 4 of the contract, all sub-contracts are subject to approval by the Government.

The proposed work and the estimated cost thereof is as follows:

Stage I

1.	Rehabilitate adit, labor and supplies	$525.00
	Sub-total	$525.00

Stage II

1.	Drive 200 feet of drift @ $12.50 per foot for labor and supervision. (Additional costs included elsewhere).	
	The adit is not to exceed 5' x 7' in the clear.	$2,500.00
	Sub-total	$2,500.00

Summary of Estimated Costs

Stage I (Cost segregated in items below)	- - - - -
Stage II (Cost segregated in items below)	- - - - -
Fixtures and improvements	200.00
Operating equipment	
Allowance for Operators equipment, 3 months	180.00
Supplies to be purchased	1,320.00
Labor and Supervision	3,300.00
Rehabilitation and repairs (Cost segregated in items above)	- - - - -
Total	$5,000.00
Government participation 75% of above	$3,750.00

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

'52 JUL 7 AM 9:03

SAN FRANCISCO, CALIFORNIA

Fixtures and Improvements

Pipe and fittings		$200.00
	Sub-total	$200.00

Operating Equipment

Equipment to be rented

Not applicable

Equipment to be purchased

Not applicable

Equipment to be furnished by the operator on a depreciation basis:

	Value	Monthly Allowance
1- I-R 210 cfm portable compressor	$1,250.00	$21.00
1- Mine car	240.00	4.00
1- 2 ton Ford Truck, used	1,000.00	17.00
Rock drill and accessories	900.00	15.00
Miscellaneous tools, etc.	180.00	3.00
		$60.00

Supplies to be purchased

1,500 bd. ft.-of mine timber @ $90.00/mo.	$ 135.00
Powder, caps, fuse, gasoline, oil etc.	1,085.00
Assays	100.00
Sub-total	$1,320.00

Labor and Supervision

1. The following labor will be employed at the rates shown:

Stage I	
2- Miners @ $15.00/day - 15 days	$450.00
Stage II	
2- Miners @ $15.00/day - 50 days	$1,500.00

2. The following supervision will be employed at the rate shown:

1- Supervisor* @ $20.00 - 50 days	1,000.00

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1982 JUL 7 AM 9:03

SAN FRANCISCO, CALIFORNIA

3.	Compensation insurance, payroll taxes, etc.	$ 350.00
	Sub-total	$3,900.00

* The Supervisor is to direct the operation and be responsible for the cutting of representative samples, where warranted, of the mineralization and the subsequent handling thereof. In addition, he is to keep the few necessary accounts and handle such odd jobs as the blacksmithing, timber framing and timbering, operating the surface plant, driving truck, cooking, etc., the chores connected with owner management of prospects.

Rehabilitation and Repairs

1. Rehabilitation of adit.
   Costs are segregated in items above.

No additional building, installations, fixtures, equipment or improvements to be purchased, rented, repaired or rehabilitated, except as listed above, are to be allowed as costs under this contract.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1952 JUL 7 AM 9:03

SAN FRANCISCO, CALIFORNIA

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

Office of
Executive Officer
DMEA Field Team
Region III

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

Memorandum

July 14, 1952

To: DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: DMA-1287X (Manganese), Mt. Hough Manganese Mine, Exploration Contract Idm-E203

Reference is made to my letter, dated July 8, to Mr. C. W. Hymer, concerning his contract which was withdrawn by me on February 21, 1952 due to lack of diligence and attention.

Mr. Hymer is now desirous to get started on the work covered under the now withdrawn contract, but wants one part of it changed. As he does not own the compressor for which the contract as drawn allows a depreciation of $21 a month, he now wants to rent one from a friend at $5 a day, plus $1 a day for accessories, hose, drills, etc.

The contract as drawn allows two miners at $15 a day, so I don't see the need for any changes in that item. If only one miner is employed and Mr. Hymer does the mucking, his wages during Stage I are provided for by the second miner. During Stage II, if Mr. Hymer carries out the mucking duties in addition to supervision, the $20 a day allowed for supervision will take care of that and he need not employ a second miner unless it is advantageous to do so.

A copy of Mr. Hymer's letter, dated July 9, in answer to my letter of July 8 is attached.

As it will be necessary to either rewrite the contract or amend the original withdrawn one to take care of the new starting date and the compressor rental item, the six copies of contract E-203 dated November 5, 1951 are being returned to you herewith for whatever should be done to it.

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

Attachment

Copy to E. H. Bailey, USGS

C. W. Hymer, E. M.

Box 666

Quincy, California

C
O
P
Y

July 9, 1952

RE: DMA-1287X (Manganese)
Mt. Hough Manganese Mine
Exploration Contract Idm-E203

Dear Mr. Miller:

Yours of the 8th, inst., just got here. Thanks.

May I refresh a point in connection with the mine and that is anytime after the 1st of November in the fall of the year that Mother Nature takes over with snow and until I get a lower penetration after justified by exploration such will continue to be the case. So anything you do to expedite a yes or no will allow me to take advantage of the short season on this high grade deposit that needs orientation.

There are two alternatives. I can either go underground with this miner who will rent me his equipment for $6.00 a day and reduce the loan by $450.00 or I can put up the $6.00 per day for 50 das and let the loan as it stands and put on another miner. The compressor is a 210 CFM now on a job, truck mounted, which he will rent me for $5.00 per day and another $1.00 per day for his accessories, hose, drills, bar, cradle, etc. This man is an old friend and will come here. Experienced miner that has worked for me before and will be available in two or three weeks.

Trust this is the information you wish.

Very truly yours,

/s/ C. W. Hymer

JUL 1 0 1952

400

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

Office of
Executive Officer
DMEA Field Team
Region III

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

July 8, 1952

Mr. C. W. Hymer
Box 666
Quincy, California

RE: DMA-1287X (Manganese)
Mt. Hough Manganese Mine
Exploration Contract Idm-E203

Dear Mr. Hymer:

We acknowledge your letter of July 3 to which you attached the six copies of Exploration Contract Idm-E203, which were sent to you on November 13, 1951 for your signature.

No work can be done by you under this contract as, in accordance with my registered letter to you (with return receipt requested), dated February 21, 1952, the contract was withdrawn on that date for lack of diligence and attention by you. You received that letter as you signed the return receipt for it on February 27, 1952.

It will be up to the Washington Office of the Defense Minerals Exploration Administration to decide if another contract is to be submitted to you. I will let you hear from me as soon as I hear from the Washington Office.

Kindly let me know immediately what changes might be necessary in the contract should the Washington Office see fit to reissue it. You mention in your July 3 letter that you do not have the compressor for which you were allowed a use factor of $21 a month and that you would like to hire a miner and his compressor for $21 a day. This cannot be done under the contract, but if you will inform me of the type and capacity of the compressor you plan to rent and the monthly rental charge, I will pass the information on to the Washington Office.

According to the contract, you were allowed to hire two miners at $15 a day for fifteen days to perform the work under Stage 1 and two miners at the same rate of pay for fifty days to drive 200 feet of drift under Stage 2. One supervisor at $20 a day for fifty days was allowed in the contract.

If you will send me the requested information promptly, I will take up the matter with the Washington Office with dispatch.

Very truly yours,

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

Copy to DMEA, Interior Building,
Washington, D. C. (2)
E. H. Bailey, USGS

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

Office of
Executive Officer
DMEA Field Team
Region III

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

February 21, 1952

Registered Mail — Return Receipt Requested

Mr. Chester W. Hymer
P. O. Box 666
Quincy, California

Re: Withdrawal of unsigned contracts in the sum of $5,000 - Exploration Project Contract Idm-E203 - Docket DMA-1287X, Manganese - Chester W. Hymer, Mt. Hough Manganese Mine

Dear Mr. Hymer:

To date nothing has come of my requests to you dated December 18, 1951, January 23 and January 29, 1952, asking you to return the unsigned copies of the above-referenced contract.

This letter is to notify you that the subject contract (Idm-E203) is today being withdrawn for lack of diligence and attention by you.

Sincerely yours,

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

Copy to C. O. Mittendorf, Washington, D. C.
E. H. Bailey, USGS

FILE COPY
SURNAME:

2-18-52

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

Brewer
Selfridge

FEB 18 1952

Mr. H. C. Miller
Executive Officer, Region 3
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Withdrawal of unsigned contract
~~in the~~ sum of $5,000
Exploration Contract Idm-E203
DMA 1287X - Manganese
~~Chester W.~~ Hymer
Mt. Hough Manganese Mine

Dear Mr. Miller:

We note that we have not received any communication from your office in regard to the disposition of the above-referenced contract subsequent to our letter of specific instructions sent to you on December 14, 1951.

It is evident from our file that the applicant has been holding the contract since approximately November 20, 1951. The subject contract (Idm-E203), for lack of diligence and attention by the applicant, should be withdrawn, and you are instructed to inform the applicant by registered mail, with return receipt requested, that such action has been taken.

Sincerely yours,

C. O. Mittendorf (for)

Acting Administrator
Defense Minerals Exploration
Administration

S.W.
2-18-52

G.J.Koontz:Q.L.Brewer:ls
2/14/52

cc: Admn. Read. File
Docket
Field Team, Region III
N. B. Melcher, USBR
M. D. Crittenden, USGS
Q. L. Brewer
G. C. Selfridge

John Popplewell.
For your comment

RECEIVED

FEB 11 1952

GENERAL COUNSEL
DEFENSE MINERALS

ROUGH DRAFT

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Cancellation of unsigned contract for exploration project in the sum of $5,000.00
Docket No. DMA 1287X - Manganese
Chester W. Hymer
Mt. Hough Manganese Mine
Exploration Contract Idm-E203

The subject unsigned contract should be (recinded) for
(cancelled)

the following reasons:

1. By letter of November 8, 1951, the original and 5 copies of the said contract were sent to Region III with instructions to have all signed by the operator, one copy to be given him, and one copy to be retained by Region III, the original and three copies to be returned to Washington.

2. By letter of December 4, 1951, Region III reported that all 6 copies were sent to the applicant, Chester W. Hymer, on November 13, 1951, who, in turn, stated by letter dated November 29, 1951, "a month or six weeks prior to the time its feasible to proceed up there will get papers in order and will forward to you with a couple of minor changes which I know you will understand and endorse". Region III requested instructions with regard to allowing Hymer to hold the copies as noted in Hymer's letter or recall them.

3. By letter to Region III dated December 14, 1951, the Acting Administrator advised, in essence, that disposition of the contract be made, one way or another, forthwith, and that

"Mr. Hymer should not retain the contract unsigned until spring".

4. A contract, pre-signed (to the best of our knowledge) by the Acting Administrator, and being, therefore, enforcible at the will of the Operator, creates a condition much like that of a blank check, wherein the signatory party is at the mercy of the payee.

5. The present status of the subject contract, being signed by the Government, and retained ~~beyond~~ a reasonable time by the Operator, has placed DMEA in an untenable position, which should be ~~remed~~ remedied by ~~(recision~~ withdrawal) of the contract, forthwith.
(~~cancel~~lation)

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

100
FILE COPY
SURNAME:

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

Selfridge
FE Johnson

DEC 14 1951

J.G.

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

Re: Docket No. DMA-1287, Manganese
Chester W. Hymer
Mt. Hough Manganese Mine
Exploration Contract Idm-E203

Dear Mr. Miller:

This is in reply to your letter of December 4, 1951, requesting instructions with regard to the subject Exploration Contract and Mr. Hymer's retention of same until Spring.

If Mr. Hymer does not wish to sign the contract in its present form he should return all the copies to you unaltered. His letter of transmittal should mention the changes he desires. If the changes have your approval, the contract can be amended by you within your delegated authority and in the manner set forth in DMA Circular Letter No. 8.

If the changes do not have your approval please return the original and all the copies to us with the proposed changes for consideration.

Mr. Hymer should not retain the contract unsigned until Spring.

Sincerely yours,

(signed) FRANK E. JOHNSON (fw)

Acting Administrator,
Defense Minerals Exploration
Administration.

GCSelfridge/hmj
12-11-51
cc to: Mails and Files
Adm. Reading File
Mr. Mittendorf
Melcher
Thayer
Holderer
Selfridge
Field team, Reg. III
Docket

J.N.
12-14

OFFICE OF THE ADMINISTRAT

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

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

Office of
Executive Officer
DMEA Field Team
Region III

December 4, 1951

Memorandum

To: C. O. Mittendorf, Administrator, Defense Minerals Exploration Administration, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMA-1287X - Mt. Hough Manganese Mine Exploration Project Contract Idm-E203

Reference is made to the subject letter to me dated November 8, signed by Mr. Frank E. Johnson, Acting Director, Production Expansion Division.

The six copies of the contract were sent to Mr. Chester Hymer, Post Office Box 666, Quincy, California, on November 13, for his signature.

I now have a reply from Mr. Hymer dated November 29, stating in part:

> "As of now and until next spring and early summer, the exploration which we have in mind on my Mt. Hough is out of the question. Too late to undertake the thing this season.
>
> "A month or six weeks prior until the time its feasible to proceed up there will get papers in order and will forward to you with a couple of minor changes which I know you will understand and endorse".

Should I let Mr. Hymer hold the copies until a month or six weeks prior to the time he can start on the project, or should I recall them, hold them in our files, or return them to Washington?

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

Copy to E. H. Bailey, USGS

FILE COPY
SURNAME:

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

NOV 8 1951

G. E. C

Selfridge
Johnson

AIR MAIL

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

Re: Docket No. DMA-1287, Manganese
Chester W. Hymer
Mt. Hough Manganese Mine
Exploration Contract Idm-E203

Dear Mr. Miller:

We are enclosing the original and five copies of the above referenced exploration contract signed by this office for the Government, together with Exhibit "A" (3 pages) and one map.

If the terms and conditions of this contract are approved by the Operator, all six copies should be signed by him. One copy should be given to the Operator, one copy retained by your office and the original and three copies returned to this office.

If any part of this contract does not have the approval of the Operator, the original and all copies of the contract are to be returned to this office together with the proposed changes for consideration.

Please note that the following major changes have been made in the contract as originally outlined:

1. Equipment to be furnished by the Operator is listed on a depreciation basis instead of a rental basis.

2. An item for adit rehabilitation has been added.
3. An item for assays and taxes has been added.

The above changes have not altered the total estimated project cost of $5,000.00 as recommended by the Field Team.

Sincerely yours,

(signed) FRANK E. JOHNSON (fw) 9 7 11 8
Acting Director,
Production Expansion Division
GCSelfridge/hmj 11-5-51
cc to: Reports and Records
Adm Reading File
PED Mr. Holderer
Mr. Melcher Mr. Moon
Mr. Thayer Mr. Selfridge
Field team, Reg. III Docket

Enclosures
APPROVED:

Chairman, Coordinating Committee

Member, Bureau of Mines

Member, Geological Survey

FILE
SURN

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

November 2, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Chester W. Hymer exploration contract--Docket No. DMA-1287X

The proposed exploration contract in this case, submitted to us on November 1, 1951, is approved as to legal form and sufficiency for signature on behalf of the Government, subject to:

1. Attachment of the map referred to in the exhibit.
2. Proper signature by the applicant.
3. Proper dating prior to delivery.
4. Government approval of all subcontracts.

Your file on the case is returned herewith.

not stripped in R.+R.

J. L. Hofflund

J. L. Hofflund
General Counsel

Attachment

RRGuthrie/ema

Copy to: Reports & Records
J. L. Hofflund
R. R. Guthrie
Chron.

OFFICE OF THE ADMINISTRATOR

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

DEPARTMENT OF THE INTERIOR
RECEIVED
OCT 30 1951
Defense Minerals Administration,
Production Expansion Division.

Office of
Executive Officer
DMA Field Team
Region III

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

October 23, 1951

Memorandum

To: C. O. Mittendorf, Director, Production Expansion Division, Defense Minerals Administration, Washington 25, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Docket DMA-1287X, Manganese
Chester W. Hymer

After considerable correspondence, I have succeeded in getting the attached cost estimates, indicated as Exhibit "A", out of Mr. Hymer. These add up to a total cost for the proposed project of $5,615. Four copies of Exhibit "A" are attached.

In your October 2 letter, you also requested the names of the claims comprising the property. Mr. Hymer gives them as the Mt. Hough and Mt. Hough #1. He states also that his property is sometimes referred to as the Crystal Lake manganese deposit.

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

OCT 29 3 02 PM '51
DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.

Attachment

Copy to: E. H. Bailey, U.S.G.S.

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D.C.
OCT 29 3 03 PM '51

Docket DMA-1287X, Manganese
Chester W. Hymer

EXHIBIT "A"

Exploration project and estimated costs:

Extend drift on the lower level along the vein at a depth of about 140 feet below the outcrop a distance of 200 feet;

Labor cost $50 per day - 50 days	$2,500
Allowance for Operator's equipment $20 per day for 50 days	1,000
Supplies, explosives, gasoline, oil, etc., $20 per day for 50 days	1,000
Pipe and fittings	200
15,500 bd. ft. timber at $90 M	140
Compensation insurance, payroll taxes, etc.	250
Extra work straightening out and rehabilitating drift at portal and elsewhere. Labor - 2 miners at $15 per day each for 15 days and $75 for supplies	525
Total cost	$5,615

Fixtures and Improvements: None

Operating Equipment:

Equipment furnished by the Operator -

1 2-ton Ford truck in excellent mechanical shape with booster brakes and 2-speed Eaton rear end, valued at $1,000. Allowance for use per day	$ 5.00
1 210 IR portable compressor, 2 axle, rubber tires, etc., valued at $1250. Allowance for use per day	$10.00
Camp facilities, mine car, tracks in place, etc. Allowance for use per day	$ 5.00
Total allowance per day	$20.00

Labor and Supervision:

2 miners at $15 per day.
Supervisor (applicant) at $20 per day. Applicant to handle blacksmith work, timber framing and timbering, running surface plant, driving truck, cooking, bull gang work and chores connected with owner management.

(Continued on Page 2)

Rehabilitation and Repairs:

Catch up some ground at portal of drift and on back in drift to get to cross-cut that extends to the hanging wall where it is proposed to extend the drift back to the shaft for air-connection and going through new ground on the strike for disclosure of new ore bodies. Also to straighten out two right angle turns in track at that point. Two miners 15 days at $15 each, plus $75 for supplies.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.

OCT 29 3 03 PM '51

Docket DMA-1287X, Manganese
Chester W. Hymer

EXHIBIT "A"

Exploration project and estimated costs:

Extend drift on the lower level along the vein at a depth of about 140 feet below the outcrop a distance of 200 feet;

Labor cost $50 per day - 50 days	$2,500
Allowance for Operator's equipment $20 per day for 50 days	1,000
Supplies, explosives, gasoline, oil, etc., $20 per day for 50 days	1,000
Pipe and fittings	200
15,500 bd. ft. timber at $90 M	140
Compensation insurance, payroll taxes, etc.	250
Extra work straightening out and rehabilitating drift at portal and elsewhere. Labor - 2 miners at $15 per day each for 15 days and $75 for supplies	525
Total cost	$5,615

Fixtures and improvements: None

Operating Equipment:

Equipment furnished by the Operator -

1 2-ton Ford truck in excellent mechanical shape with booster brakes and 2-speed Eaton rear end, valued at $1,000. Allowance for use per day	$ 5.00
1 210 IR portable compressor, 2 axle, rubber tires, etc., valued at $1250. Allowance for use per day	$10.00
Camp facilities, mine car, tracks in place, etc. Allowance for use per day	$ 5.00
Total allowance per day	$20.00

Labor and Supervision:

2 miners at $15 per day.
Supervisor (applicant) at $20 per day. Applicant to handle blacksmith work, timber framing and timbering, running surface plant, driving truck, cooking, bull gang work and chores connected with owner management.

(Continued on Page 2)

Rehabilitation and Repairs:

Catch up some ground at portal of drift and on back in drift to get to cross-cut that extends to the hanging wall where it is proposed to extend the drift back to the shaft for air-connection and going through new ground on the strike for disclosure of new ore bodies. Also to straighten out two right angle turns in track at that point. Two miners 15 days at $15 each, plus $75 for supplies.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

OCT 29 3 03 PM '51

Docket DMA-1287X, Manganese
Chester W. Hymer

EXHIBIT "A"

Exploration project and estimated costs:

Extend drift on the lower level along the vein at a depth of about 140 feet below the outcrop a distance of 200 feet;

Labor cost $50 per day - 50 days	$2,500
Allowance for Operator's equipment $20 per day for 50 days	1,000
Supplies, explosives, gasoline, oil, etc., $20 per day for 50 days	1,000
Pipe and fittings	200
15,500 bd. ft. timber at $90 M	140
Compensation insurance, payroll taxes, etc.	250
Extra work straightening out and rehabilitating drift at portal and elsewhere. Labor - 2 miners at $15 per day each for 15 days and $75 for supplies	525
Total cost	$5,615

Fixtures and Improvements: None

Operating Equipment:

Equipment furnished by the Operator -

1 2-ton Ford truck in excellent mechanical shape with booster brakes and 2-speed Eaton rear end, valued at $1,000. Allowance for use per day	$ 5.00
1 210 IR portable compressor, 2 axle, rubber tires, etc., valued at $1250. Allowance for use per day	$10.00
Camp facilities, mine car, tracks in place, etc. Allowance for use per day	$ 5.00
Total allowance per day	$20.00

Labor and Supervision:

2 miners at $15 per day.
Supervisor (applicant) at $20 per day. Applicant to handle blacksmith work, timber framing and timbering, running surface plant, driving truck, cooking, bull gang work and chores connected with owner management.

(Continued on Page 2)

Rehabilitation and Repairs:

Catch up some ground at portal of drift and on back in drift to get to cross-cut that extends to the hanging wall where it is proposed to extend the drift back to the shaft for air-connection and going through new ground on the strike for disclosure of new ore bodies. Also to straighten out two right angle turns in track at that point. Two miners 15 days at $15 each, plus $75 for supplies.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.

OCT 29 3 03 PM '51

Docket DMA-1287I, Manganese
Chester W. Hymer

EXHIBIT "A"

Exploration project and estimated costs:

Extend drift on the lower level along the vein at a depth of about 140 feet below the outcrop a distance of 200 feet;

Labor cost $50 per day - 50 days	$2,500
Allowance for Operator's equipment $20 per day for 50 days	1,000
Supplies, explosives, gasoline, oil, etc., $20 per day for 50 days	1,000
Pipe and fittings	200
15,500 bd. ft. timber at $90 M	140
Compensation insurance, payroll taxes, etc.	250
Extra work straightening out and rehabilitating drift at portal and elsewhere. Labor - 2 miners at $15 per day each for 15 days and $75 for supplies	525
Total cost	$5,615

Fixtures and Improvements: None

Operating Equipment:

Equipment furnished by the Operator -

1 2-ton Ford truck in excellent mechanical shape with booster brakes and 2-speed Eaton rear end, valued at $1,000. Allowance for use per day	$ 5.00
1 210 IR portable compressor, 2 axle, rubber tires, etc., valued at $1250. Allowance for use per day	$10.00
Camp facilities, mine car, tracks in place, etc. Allowance for use per day	$ 5.00
Total allowance per day	$20.00

Labor and Supervision:

2 miners at $15 per day.
Supervisor (applicant) at $20 per day. Applicant to handle blacksmith work, timber framing and timbering, running surface plant, driving truck, cooking, bull gang work and chores connected with owner management.

(Continued on Page 2)

Rehabilitation and Repairs:

Catch up some ground at portal of drift and on back in drift to get to cross-cut that extends to the hanging wall where it is proposed to extend the drift back to the shaft for air-connection and going through new ground on the strike for disclosure of new ore bodies. Also to straighten out two right angle turns in track at that point. Two miners 15 days at $15 each, plus $75 for supplies.

DEPARTMENT OF THE INTERIOR
RECEIVED
OCT 2 2 1951
Defense Minerals Administration,
Production Expansion Division.

C. W. HYMER E. M.
BOX 666
QUINCY, CALIFORNIA

October 20th, 1951.
P. O. Box 486,
Kingman, Arizona.

Mr. C. O. Mittendorf,
Production Expansion Division,
DMA- 1287 X Manganese Mt. Hough.
Plumas County, California.

Dear Mr. Mittendorf:-

Am forwarding a copy of letter to Mr. Miller in San Francisco California that I will trust will give me a little leeway to bring this job to a successful conclusion without digging up more cash myself at this time.

Yours very truly,

C.W. Hymer

C.W.Hymer
Box 486,
Kingman,
Arizona.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
OCT 22 1 55 PM '51

RE:
DMA: - 1287X

Kingman Arizona.
P. O. Box 486.

Dear Mr. Miller:-

From the letter I sent you yesterday you will see that without making any charge for rental of fixtures at the mine such as mine car, rails installed, camp buildings, roads built and other expenditures there is still a differential in my favor of a couple of thousand on a 75 -- 25% participation basis. After all I'm borrowing the money and will have to repay it and if you will ask Mr. Richer whom visited me on the property, a man thats had experience in the profession, he will recall that there is also a job of catching up some ground at the portal and on back thru the tunnel to get to the X-cut drift that goes over to the hanging wall where we propose extending the drift back to the shaft for air connection and going thru new ground on the strike for disclosures of new ore bodies. Also there is a straightening out at that truning point to cut out 2 right angle turns in the track at that point which as well will let us in one the strike for exploration of ore between the two points. It would be a great help to allow me an extra 15 days or $525.00 for rehabilitation. This would only extend the time say about ten days on the job as we would save so much time after straightening the tram factor.

Yours very truly,

E. W. Hymer

400

FILE COPY
SURNAME:

Selfridge
Mittendorf

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

OCT 1 8 1951

a.e.

Mr. C. W. Hymer E. M.
P. O. Box 486
Kingman, Arizona

Re: DMA - 1287 X-Manganese
Mount Hough Manganese Property
Plumas County, California

Dear Mr. Hymer:

Your letter of October 9, addressed to the Manganese Branch, has been referred to us for reply.

While drawing up the Exploration Contract it was noted that certain data were missing in order to complete it. During the latter part of September the field team was requested to secure the data and it may be that your California address was used which accounts for the delay in receiving the information.

If you have not heard from the field team, we suggest that you write Mr. H. C. Miller, Executive Officer, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California and let him know of your Arizona address.

As soon as we hear from the field team we can finish drawing up the contract for final approval.

Sincerely yours,

C. O. Mittendorf (for) S.J. 10-18

C. O. Mittendorf, Director
Production Expansion Division

GCSelvridge/hmj
10-16-51
cc to: Reports and Records
Adm. Reading File
Messers. Mittendorf, Olund
Mr. Holderer
Mr. Selvridge
Field Team III Region
Chron.

DEPARTMENT OF THE INTERIOR
RECEIVED
OCT 1 5 1951
Defense Minerals Administration,
Production Expansion Division.

C. W. HYMER E. M.
BOX 666
QUINCY, CALIFORNIA

10 / 9 / 51.

George C. Selfridge, A.C.
Manganese Division,
DMA Washington, D.C.

Dear Mr. Selfridge:-

It has been since the 4th of last month since any word from the Department regarding my DMA-1287 X manganese application after reply to Mr. Geo. Holderer that the amended application was satisfactory with me.

If not too much trouble it would assist me in planning for the next few months just how far the matter has gone in processing and what the time interval is apt to be for here on out.

Yours very truly,

C. W. Hymer

C. W. Hymer
P.O.Box 486,
Kingman, Arizona.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
OCT 15 9 31 AM '51

400

FILE COPY
SURNAME:

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

Selfridge.
Mittendorf

AIR MAIL

OCT 2 1951

A.E.C.

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

Re: Docket No. DMA-1287X, Manganese
Chester W. Hymer

Dear Mr. Miller:

Reference is made to a memorandum field report, dated July 17, 1951, by L. Ricker in which it is recommended that an exploration loan for a project costing $5,000.00 be approved.

Will you please secure for us the data required for completing an Exploration Project Contract form MF-200? In the field report 200 feet of drifting is recommended at $20.00 a foot, leaving $1,000 for contingencies. No break-down of the $20.00 cost was included. In the original ap lication for a larger project the applicant was to rent equipment and to furnish equipment on a rental basis. An itemized list of the equipment the applicant will furnish with its fair market value should be included in the data.

Originally Mr. Hymer listed his services at $500.00 a month. He mentions from 45 to 50 years of experience plus an E. M. degree. We are doubtful that he is physically able to labor underground and a single face does not warrant $500.00 a month supervision.

Can he do the work this fall if the loan is approved?

What are the names of the claims comprising the property?

Sincerely yours,

C. O. Mittendorf (J.W.) S.F. 10-3

C. O. Mittendorf, Director
Production Expansion Division

APPROVED:

Chairman, Coordinating Committee

Member, Bureau of Mines

Thayer

Member, Geol. Survey

APPROVED:

Coordinating Committee

GCSelfridge/jem
9/27/51

cc to: Adm. Reading File
Reports & Records
Messrs. Mittendorf, Olund
Holderer
Melcher
Thayer
Docket
Selfridge
Field Team, Reg. III

FILE COPY
340
SURNAME:

Holderer
Ballard

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

SEP 2 1951

Memorandum

To: Production Expansion Division

Through: Director, Supply Division

From: Manganese Branch

Subject: DMA-12878 Manganese - Exploration Loan Project costs $5,000
(Government participation $3,750)
Chester L. Hymer, P. O. Box 666
Quincy, California

The subject application to finance an exploration project costing $5,000 is recommended for approval by the Manganese Branch as outlined in our covering memorandum attached.

George B. Holderer

George B. Holderer
Chief, Manganese Branch

Attachment

Approved:

Tom Lyon
Director, Supply Division

TJBallard:ec
9/18/51

CC: Adm. Reading File
DMA Docket File
Mr. Holderer
Field Team Region III

a.e.c.

REPORT AND RECOMMENDATION OF
COMMODITY BRANCH ON APPLICATION
FOR GOVERNMENT ASSISTANCE

Docket IMA-1287X
Commodity-Manganese

A. Name and Address of Applicant

Chester W. Hymer, P. O. Box 666
Quincy, California

B. Location of Deposit

Mt. Hough Manganese, In Sec. 8, T.25 N., R.10 E.,
Plumas County, California.

C. Conclusions

1. Project is in accord with program to explore promising manganese prospects.

2. The property has produced over 1,000 tons of plus 40 percent manganese.

High grade ore occurs in the drift on the lower level at a depth of about 140 feet below the outcrop.

The proposed project will extend the drift 200 feet along the vein.

If successful in showing up sufficient ore, additional exploration may be requested.

The project is recommended by the field team.

3. Requirements can be met.

4. Financing by Government loan for $3,750.00. Applicant to furnish $1,250 or equivalent.

5. Applicant is competent for job.

D. Recommendations

This branch recommends approval of the project for $5,000 ($3,750 Government participation) to drive the drift 200 feet along the strike

of the vein. Additional exploration if any will depend upon the results of the work.

E. Proposal

Applicant's original proposal covered a $16,000 to $20,000 proposal,

Field report recommends extension of drift 200 feet - additional work to depend upon results - cost $5,000.

The applicant has agreed to the latter proposal.

F. Pertinence to Manganese Program

The project is in accord with the program to develop promising prospects of manganese.

G. Technical Feasibility

1. The field report gives no information on reserves; however, the mine has produced "over 1,000 tons of plus 40 percent manganese," and there appears to be a fair chance of showing up an appreciable amount of ore.

2. Estimated time for completion is 6 months.

H. Project Requirements

1. Tools, cars and trucks available.

2. Will be rented.

3. Transportation available.

4. Manpower available.

5. No transmission power available.

I. Financing

1. Financing based on exploration contract. Government lends $3,750 - applicant furnishes $1,250. Total $5,000.

2. Field Team estimates amount adequate.

3. No security other than provided by exploration contract.

4. As stated in contract.

J. Competence of Applicant

Applicant is thoroughly competent.

RE: DMA
1287X
Manganese.

C. W. HYMER E. M.
BOX 666
QUINCY, CALIFORNIA

Sept. 7, 1951.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
SEP 10 9 25 AM '51

Mr. George C. Selfridge,
Chief, Manganese Branch,
Deaprtment Interior,
Washington, 25, D. C.

Dear Mr. Selfridge:-

Your letter of the 4th, inst., reached me here, thanks for information.

Referring to a letter from Mr. Geo . B. Holderer as of August 16th, wherein he suggests a $5000 loan to reach a 200 foot objective in the tunnel to be advanced with disclosures as of then to determine further participation will be of some assistance. With a sharp pencil and favorable underground penetration we may cut the buck. So if you will please make amends suggested it will be satisfactory to proceed. Funds may be made payable to my account # 999281 Crocker First National Bank, San Francisco, California.

Yours very truly,

C. W. Hymer

C. W. Hymer,
(Temp Address, P.O.Box 486,
Kingman,
Arizona.

FILE COPY
SURNAME:

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

SEP 4 1951

a.e. / Selfridge

Mr. G. W. Hymer
P. O. Box 486
Kingman, Arizona

In reply please refer to
DMA-1287 X Manganese

Dear Mr. Hymer:

Receipt of your letters of August 24, 1951, are hereby acknowledged.

The exploration loans are to be repaid solely from the production of ore bodies discovered specifically under the loan and within a ten year period from the date of the contract. This is explained in detail in Sec. 14, "Repayment by Operator of Form MD-5," April 6, 1951. You could retire the loan at any time.

Very truly yours,

SIGNED

George C. Selfridge
Acting Chief, Manganese Branch

JF 9/4

GCSelfridge:ll
August 31, 1951
CC: Files
Adm. Reading File
Reports and Records Unit
Mr. Holderer

RE:
DMA 1287X
MANGANESE

C. W. HYMER E. M.
BOX 666
QUINCY, CALIFORNIA

August 24, 1951.

Mr. George B. Holderer,
Chief, Manganese Branch,
DMA. Washington D. C.

Dear Mr. Holderer:-

Am at the address below looking over some tungsten deposits and just got your letter of the 16th, inst,. Thanks.

Would you please advise me just how the loan is to be retired? Assumming favorable disclosures with attendant production and marketing how much of the net returns will I be permitted to re-invest in the mine?

If convenient it will facilitate matters if you will reply to me at P. O. Box 486, Kingman, Arizona, details that will give me a clear concept of what I'm up against, to make a success of this thing factors being favorable.

Again thanking you for timely consideration and extended services of all concerned,

Yours very truly,

C. W. Hymer

Temp Add. P.O.Box 486
Kingman, Arizona.

C. W. Hymer

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 27 1951

RE:
DMA 1287X
Manganese.

S. JONES
REG. E. M. NO.1080
P. O. BOX 486
KINGMAN, ARIZONA

August 24, 1951.

C. W. Hymer
P.O.Box 486,
Kingman Arizona.

Dear Mr. Holderer:-

In going thru my papers this afternoon since mailing a letterto you I find in MO-5 form an answer to some of the relevant points.

To further elucidate my concept of the obligation in this contract let me say that my title deeded from the State of California in possessory now in the event I go to patent as the property is so situate that it has other features as say for instance summer cabin sites and the mine or prospect doesnt prove of economic importance, however, I'm of the opinion it will, in Sec 2 of MO-5 it states that from net returns of ore etc, then in Sec 14 of said form it states that the Government's right to repayment shall survive termination of the contract by exploration or otherwise. Could that mean that after making an appreciable investment in absolute title that the Government could force liquidation at great inconvenience and cost to me? To put in another light, instead of the maximum 5% to be paid out of production would I be allowed to retire the loan at anytime?

Trust I am not imposing on too much of your attention where the amount involved is so small but I feel that the intent is of mutual assistance to both of us.

Yours very truly,

C. W. Hymer

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 27 1951

340 FILE COPY
SURNAME:

Holderer

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

~~AUGUST 16 1951~~

AUG 16 1951 AIR MAIL

a.e.e

Mr. Chester W. Hymer
P. O. Box 666
Quincy, California

In reply please refer to
DMA 1287X Manganese

Dear Mr. Hymer:

Results of our field examination of your Mt. Hough manganese deposits indicates that an exploration loan to extend the lower level 200 feet may be justified. Additional exploration will depend upon the results of this work.

Our field engineers estimate that this work will cost about $5,000. Please advise us if this is satisfactory to you and if so, we will need a letter from you requesting that your application be amended to this effect.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Manganese Branch

JF 8/16

TJBallard:bl 8/15/51

CC: Adm. Reading File
Reports & Records Unit
Mr. Holderer
Field Team - Region III
Files

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

Office of
Executive Officer
DMA Field Team
Region III

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

July 18, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Docket: DMA 1287-X Manganese
Chester W. Hymer, P. O. Box 666, Quincy, Calif.

Reference is to your subject letter to me, dated June 22, requesting that the Field Team examine the Hymer manganese property to determine (1) whether the geological possibilities appear sufficient to justify an expenditure of $5000, and (2) if the exploration can be done by a better method than that proposed by the applicant.

In accordance with your request Field Team Region III had Spangler Ricker examine the property on June 30. Attached are four copies of a memorandum report to me on the subject, dated July 17.

Mr. Ricker concludes that an exploration loan of $5000 is warranted, the work to consist of extending the lower level 200 feet as is indicated on the section and plan sketch accompanying his report. Additional exploration and development, he states, should depend upon the results obtained in this 200-foot extension of the lower level.

Estimated time for completion of the work is six months.

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

JUL 23 1951
RECEIVED
Defense Minerals Administration
Executive Secretary

Attachment

Copy to: E. H. Bailey (w/o attachment)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON, D.C.~~
1012 Flood Building
870 Market Street
San Francisco 2, California

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

July 17, 1951

Memorandum

To: H. C. Miller, Executive Officer, DMA Field Team, Region III, San Francisco, California

From: Assistant Regional Director, Region III

Subject: Docket: DMA 1287-X Manganese
Chester W. Hymer, P. O. Box 666, Quincy, Calif.
(Letter from Tom Lyon June 22, 1951)

Conclusions and Recommendations

Based on results of examination on June 30 of the above subject property an exploration loan of $5000 is recommended. Manganese oxide lenses are found along a well defined structure in the red cherts near a contact with schist. Old superficial, inaccessible workings extend for a strike length of over 400 feet and a production of over 1000 tons of 40-percent-plus manganese content ore is reported. High grade ore is indicated on the lower level and a continuation of that level for 200 feet as shown on attached sketch map is suggested. Additional exploration would be dependent on results obtained.

General

The Mount Hough Manganese property consists of two unpatented claims situated on Mount Hough at an elevation of around 6500 feet. It is in Sec. 8, T. 25 N., R. 10 E.; M.D.M. and easily accessible by 10 miles of good dirt road from Junction, which is 3 miles from Quincy by paved highway.

Mr. Chester W. Hymer, Box 666, Quincy, is the present owner. The claims were originally owned by H. Kloppenberg, R. L. Kloppenberg, and H. S. Myton of Quincy, and the principal production of 1000 tons was during the first World War, according to

9. Site Insp. Rept.

Bulletin 152 of the California State Division of Mines. Mr. Hymer states that several car loads were shipped during World War II.

The principal manganese minerals are psilomelane and pyrolusite and they occur in a well defined red chert bed adjacent to schist. The strike of the formation is N 70° to 75° W and dip is 50 degrees to the south. The commercial ore is in lenses on the hanging wall. Lenses from 6 feet to 18 feet in thickness are reported to have been mined but this cannot be confirmed as the old workings are now caved and inaccessible. Three small lenses up to 2.5 feet in thickness are in place in the small drift on the lower level and they range in manganese content from 33.7 to 47.4 percent. This indicates therefore that the grade of the ore holds up in depth and that commercial ore may be expected beneath the old workings.

Manganese oxides mixed with chert and quartz are also found in seams and disseminations in the footfall but would not be commercial for direct shipment and there is insufficient tonnage indicated to consider means for beneficiation.

Old caved workings mark the outcrop for a length of 400 feet. The principal production was apparently from the main shaft as shown on attached sketch map. The depth of the workings could not be ascertained.

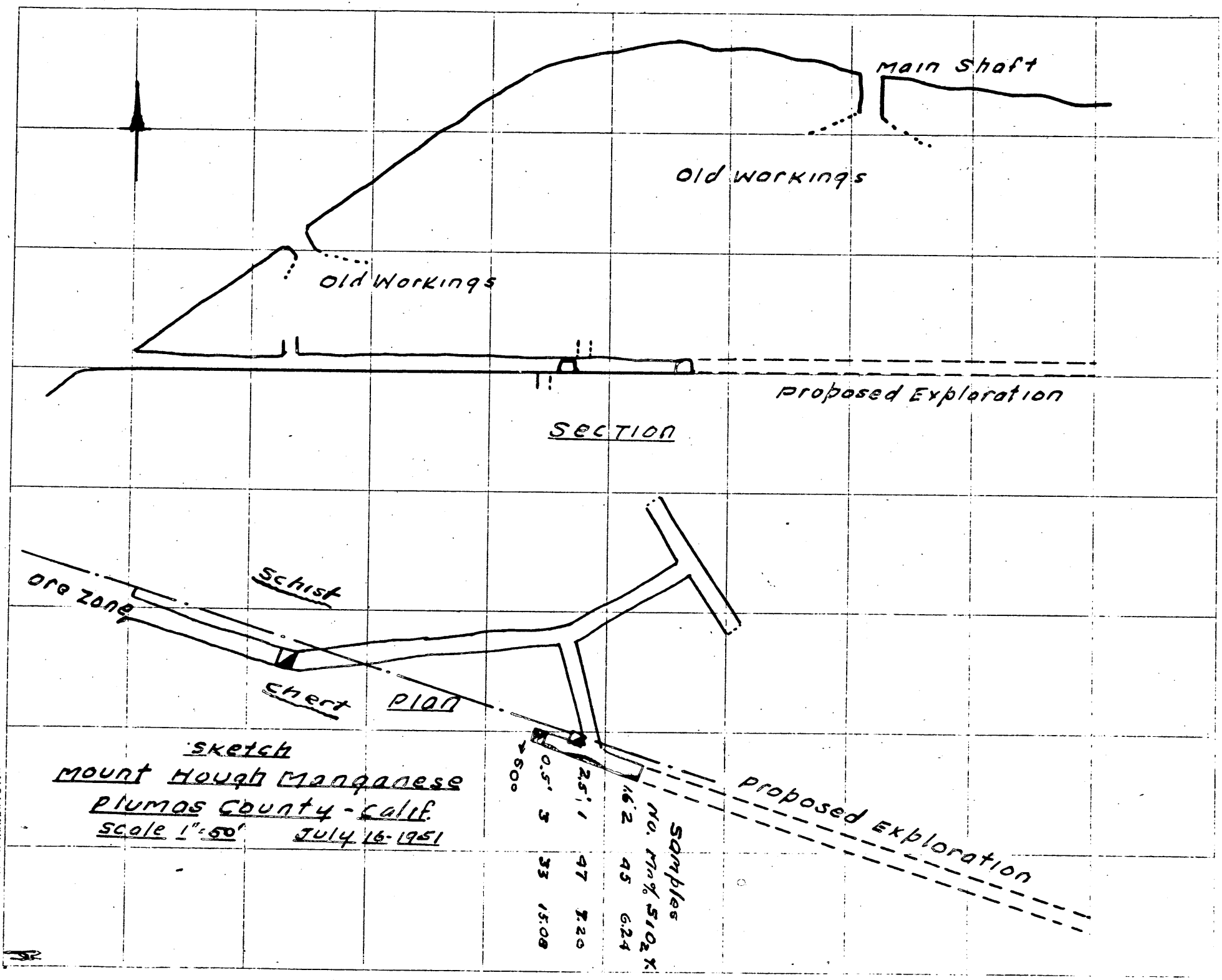
Plan for exploration is shown on the attached sketch map. The lower level should be extended for 200 feet. This would extend the face under the old principal workings. The cost per foot should not exceed $20. A total loan of $5000 should, therefore, be sufficient for drifting and contingincies. Additional exploration and development would depend upon results obtained.

Equipment on the property consists of blacksmith shop, cabin, track, air, and water line in lower tunnel and one ton car. Water and timber are available.

Mr. Hymer makes a good impression and I believe him to be a competent and efficient operator.

S. Ricker
Assistant Regional Director
Region III

Attachment



Sketch
Mount Hough Manganese
Plumas County - Calif.
Scale 1" = 50' July 16 - 1951

"ALDANENE" NO. 186M REG. U.S. PAT. OFF

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Mr. Philip R. Bradley DATE: July 16, 1951

FROM : Max D. Crittenden

SUBJECT: DMA-1287 x Mt. Hough manganese mine, Plumas County, California.

It is suggested that the subject application be approved provisionally and for a reduced amount of $ 5,000 and sent to the Field Team for completion and preparation of revised plan of exploration. The following is a draft of a letter to the Field TEAM putting this into effect.

Mr. Chester W. Hymer, P. O. Box 666, Quincy, California has proposed to explore the Mount Hough Mangaese mine in Sec. 8, T. 25 N., R. 10 E., Plumas County, California. The work proposed is estimated to cost $16,000 to $20,000 fo which the government's share would be $12,000 to 15,000.

The following considerations indicate that that amount is more than can be justified by the geologic features of this type of deposits. The value of the ore is approximately $50 per ton, and at a royalty of 5%, or $2.50 per ton, it would be necessary to develop 5,000 to 6,000 tons of ore to repay the loan. Inasmuch as the production from the entire county up to 1941 was only 4,000 tons, the proposed exploration is regardedas more extensive than can be justified. It is recommended therefore that a total of not more than $5,000 should be spent on exploration.

The only geological report on record was made in 1917 before the major production.(See Calif. State Div. of Mines, Bull 152, pp. 173-174.) Therefore, it is requested that the Field Teamm examine the property to determine (1) Whether the geologic possibilities now appear sufficient to justify an expenditure of $5,000 (2) Whether the exploration can be done by a better method than that proposed by the applicant. The description of the property available here indicated that exploration by adits should be possible to avoid shaft-sinking. It is also suggested that a stop-clause might be considered after the present lowest adit has been reopened for examination.

MDC

FILE COPY
SURNAME:

Holden
Nichols
Holderer
Crittenden
Croom
McKnight for Price

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

JUN 22 1951

Mr. Chester F. Hymer
P. O. Box 666
Quincy, California

In reply please refer to
DMA-1287-X Manganese

Dear Mr. Hymer:

Your application for an exploration loan has been referred to Mr. E. C. Miller, Executive Officer, DMA Field Team Region III, 1415 Commerce Building, San Francisco, California for a field appraisal.

Please contact Mr. Miller and advise him who should be contacted to show his engineers the property.

Very truly yours,

Sam Lyon
Director, Supply Division

CC: Adm. Reading File
Mr. Strobel
Regional Field Team (2)
Mr. Holderer (2)
Files

FILE COPY
SURNAME:

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

Mailed JUN 22 1951

Holden
Mallard
Melcher
Crittenden

Mr. H. C. Miller, Executive Officer
DMA Field Team Region III
1415 Appraisers Bldg.
San Francisco, California

Docket: DMA 1287-X Manganese,
Chester W. Hymer, P. O. Box 566,
Quincy, California

Dear Mr. Miller:

We are enclosing a copy of the subject application for a $16,000 to $20,000 exploration program to be financed by 75 percent Government participation.

The indications are that the geologic features of this type of deposit do not justify a loan of this size. Inasmuch as the production from the entire county up to 1941 was only 4,000 tons, the proposed exploration is regarded as more extensive than can be justified.

The only geological report on record was made in 1917 before the major production (see Cal. State Div. of Mines, Bull. 152, pp. 173-174). Therefore, it is requested that the Field Team examine the property to determine the following:

(1) Whether the geologic possibilities now appear sufficient to justify an expenditure of $5,000.

(2) If the exploration can be done by a better method than that proposed by the applicant. The description of the property available here indicated that exploration by adits should be possible to avoid shaft-sinking.

(3) It is also suggested that a stop-clause might be considered after the present lowest adit has been reopened for examination.

Very truly yours,

Tom Lyon

Tom Lyon, Chairman
Coordinating Committee

Enclosure

TJBallard:AWJ
Powell B. Moon

For Bureau of Mines

cc:Adm. Reading File
Field Team Region III
File
Mr. Strobel
Mr. Holderer
Coodinating Committee
Mr. Crittenden
Mr. Melcher

~~Olaf N. Rove~~
McKnight

or Geological Survey

FILE COPY
SURNAME:

Bradley

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

June 18, 1951

Hon. Clair Engle
House of Representatives
Washington 25, D. C.

Dear Clair:

The Horse-Thief Mine, DMA No. 1287-X to which your letter of June 14 refers, is now on the list for field examination. Principally, the duty of the field examiner will be to check for its practicability the exploration work which Mr. Hymer proposes, and then to help the applicant put his application in better shape. Nearly all our customers fail to provide sufficient description of the project and the ground involved to make it possible to write up a contract for specific work in a specific location and the one in question is no exception. No criticism has as yet been made of Mr. Hymer's valuation of his services but of course he is not yet over all the bumps.

C. W. Hymer

Very truly yours,

P. R. Bradley

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

PRBradley:ec

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

DMA 1287

857

~~LANDON F. STROBEL~~ Bradley

Clair Engle
2D DISTRICT, CALIFORNIA

HOME ADDRESS:
RED BLUFF, CALIFORNIA

OFFICE ADDRESS:
1033 HOUSE OFFICE BUILDING

Congress of the United States
House of Representatives
Washington, D. C.

CHAIRMAN
SUBCOMMITTEE:
Irrigation-Reclamation

COMMITTEES:
INTERIOR AND INSULAR AFFAIRS
PUBLIC LANDS
MINES AND MINING

Marsh - copy Control w/attachment

June 14, 1951

Mr. Philip R. Bradley, Jr.
Chairman, Tungsten Division
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Phil:

Enclosed is a copy of a letter from Mr. C. W. Hymer of Quincy, California, which is self-explanatory.

If you can give me any dope on his application it will be very helpful.

Sincerely yours,

Clair Engle

CLAIR ENGLE, M. C.

CE:mg
Encl.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 1 5 1951
LANDON F. STROBEL
Executive Secretary

BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

JUN 15 12 52 PM '51

June 9, 1951

Dear Mr. Engle:

Filled out one of those DMA applications the docket # of which is DMA-1287X wherein as owner of a class A manganese mine in State Bull. #125 and placed my management, an 8 hour shift running the hoist, framing timbers, etc., as well as the engineering functions which by training and experience I also qualify, on the payroll for $500 a month. Now while this amount is no doubt much less than an able bureaucrat charges the taxpayers for the privilege to exploit the same by prying the money out of Congress with lofty motives, I trust it will not be considered critera as to economic worth.

Would it be ethical for you to call Mr. P. R. Bradley, Chief, Manganese Division, Department of Interior, just to let him know that I am known to you that I come from an old line of horse thieves that reached Hangtown California where the Grandsire opened a blacksmith shop in the spring of 1850, Hangtown is now Placerville as you may know.

All best wishes,

C. W. Hymer

COPY

FILE COPY
SURNAME:

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

June 4, 1951

Mr. Chester W. Hymer
P. O. Box 666
Quincy, California

Subject: DMA-1287X
Re: Exploration Loan
Mt. Hough Manganese Mine

My dear Mr. Hymer:

Receipt is acknowledged of your application and attachments of May 14, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1287X and was referred to Mr. P. E. Bradley, Chief, Manganese Branch on May 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1287X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
Files
Bradley
Lyon

REGIONAL DIRECTOR

~~LANDON F. STROBEL~~

Mr. Bradley
DMA - 1287 X

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

1415 U. S. APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

May 17, 1951

Memorandum

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

From: Executive Officer, DMA Field Team, Region III

Subject: Application for exploration loan; Chester W. Hymer--manganese--Plumas County, California

Attached is a set of four copies of form MF-100 and a set of four copies of form MF-103, by means of which Mr. C. W. Hymer, P. O. Box 666, Quincy, California, is making application for an exploration loan totaling $16,000 to $20,000.

H. C. Miller
Executive Officer, DMA Field team,
Region III

Attachments 2

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-1287X

Date received 5/28/51

Participation

Chester W. Hymer
P. O. Box 666,
Mt. Hough Manganese,
Quincy, California.

Name and address of applicant

Date May 14th, 1951.

FILL IN THIS BLOCK

Date of application May 14th, 1951

Estimated cost $16,000.00 to $20,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Sec8; T 25 N ; R 10 E ; M.D.M.
Plumas County, California.

Date of filing MF-100 Same as above

DMA Docket Number, if available DMA-1287X

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.

Mt. Hough Manganese Mine
(Name of company)

By [signature]
(Signature of authorized official)

May 14th, 1951
(Date)

Managing owner.

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

Answers (1) to (24) FormMF-103

1. Individual
4. (a) 45 years of mining and business experience + degree E.M.
   (b) The applicant.
5. Owner
6. None
8. Assets: Own home, clear, in Quincy also Mill Creek Placer Mine; Bank Ref. Crocker First Nat'l Bank of San Francisco; Own 43 2 ton Ford truck; Liabilities, current monthly living expenses.

9. Money its equivalent in services and material for 8-10 mos in the sum of $5600 - $7000.00 + if necessary $1000.00 cash.
10. (a) None. (b) Sec 8: T 25 N : R 10 E. Plumas County, Calif. a & b the same. (Note)
11. Mt. Hough Manganese; Crystal Lake Manganese.
12. Fair very passable all down hill to either Cresent Mills where there is a loading ramp on the W. P. 12 miles or to Quincy Junction on the W.P.R.R. Co., 9 miles south, correction 11 miles south.
13. Crystal Lake on property.
14. Cabin, blacksmith shop, ore bins, track, car etc., air water pipe in tunnel.
15. Ship to Federal Supply, steel mills, or stockpiles on high grade, later possible benfaction of lower grades on premises.
16. (a) First world war the mine produced 80 or 25 cars of the best ore produced in the State, I have a settlement sheet from Noble Electric Co, 995 Market Street, S.F. Calif 8/13/18 which ran 55.46% Mn -- Silica 3.55% which paid a bonus of $2.95 Henry Kloppenburg retired district forest ranger said this to be representative of that which he was paid royalties on who at the time owned the property. Second W.W. three cars were shipped then litigation closed the mine since produced nearly a car which is now on the premises.
    (b) Timmons property at much lower elevation on same strike and lode leased by a Mr. Griggs shipped to Quincy stockpile 4000 tons and understand he has released the mine. This indicates ore horizons can be expected in depth on my property as the former actually produced at much lower vertical interval on same formation. Further north is the Canyon Dam property which now has a Federal Contract, by a Mr. Goodwin of Greenville.
    (c) To be determined by proposed exploration, more fully. Reports Cal. Divison of Mines R 33: 133 ; R 16: 179 ; B 76: 53 ; Bull. # 125 Mn in Calif. My report of lense continuity on H. W. side of cherts locally called jasperiod and extent of surface out-crops.
18. In addition to the foregoing might add as the result of my personal experience during both world wars with manganese deposits in California I anticipate and bought the property for its potential as becoming one of the best mines in the State.
19. Seven economical operating months until feasible and justified in lower level tunnel penetration which then would simplify the project.

T. H.

Page #2. Ans to FORM MF-103.

20. Manganese. For the vein type of manganese deposition as applied to steeply pitching beds of stratified deposit in position as of now as the result of major uplifts.

21. Propose, propose extending present tunnel on north slope to connect with the old original shaft which will provide two openings to the mine and provide exit for ore at tunnel level where the ore bin and waste dump are now located. Then deepen shaft and open two or more levels with drifts and X-cuts to prepare for shrinkage stoping. Opened on three sides can then begin to consider delivery contracts. Told Mr. Johnson over from the Department in Reno last year that I perferred to explore with open methods as the physical factors did not exist so as to make drilling data conclusive. Time element of ten months will tell the story to my satisfaction and I'm sure will disclose sufficient data to resolve the matter for all concerned. In # 19 mentioned seven economical months of operation until the mine is opened at lower elevation from which an aerial or gravity tram would reach valley floor or even a switch on the railroad for all year production.

22. In conjunction with my answer to #18 above I'm of the opinion that the deposit being associated with the metamorphosed sedimentaries with radiolaria present would indicate marine deposition by the same token appreciable tonnage. The work on this and other deposits has only been superficial to date on this belt and should be resolved one way or the other.

23.

(a)	2 Miners -- $12.00 per day -- 30 das	720.00
(b)	Managing owner, professional engineering, operate surface plant, frame timbers	500.00
(c)	None	
(d)	Headframe, collarsets, sheave, pocket-bin tunnel level, etc.	500.00
(e)&(f)	Rental on compressor, tuggers, etc.	200.00
(g)	2 T Ford truck, cars, Blk tools "	300.00
(h)	Tools, pipe, misc supplies	150.00
(i)	Comp. Ins. Premium, powder, gas,	500.00
		2870.00

24. Above first month-- opening two levels with X-cuts drifts to block ore at cost of 16,000.00- $20,000.00

8-10 months to reveal 2500-3000 tons high grade ore.

E.H.

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma-1287X

Date received 5/28/51

Chester W. Hymer
P. O. Box 666,
Quincy, California.

Name and address of applicant

Date May 14th, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

Ans 1-7 attached herewith

16—63792-1

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Answers to MF-100

1. (a) Manganese
   (b) None
2.
   (a) 100 feet, shaft, reportedly. — adits mostly.
   (b) 170 " , ans (c) also.
   (d) Surface cuts and trenches all told 300 feet.
3.
   (a) 15 Miles southerly to Quincy, Calif. & 12 miles northerly to Cresent Mills, Calif.
   (b) No organized
   (c) Sec 8 : T 25 N : R 10 E ; Plumas County, Calif.
   (d) Plumas, California.
4.
   (a) Not in operation.
   (b) Owner.
5.
   Intermittently since 1916 to the present.
   Summer of 1952.
6.
   (a & b) Mining experience since childhood thru 50 years + E. M. degree. Independent for 25 years.
7. (a)
   20 to 25 cars of high grade ore, closures caused by economic and litigation spasms.
   (b) My own, sanguine, amplified in FORM- 103.

E. W. H.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads: Good dirt choice of 2 shipping points Cresent Mills or Quincy

Give road distances to shipping, supply and residence points, stating kind and condition of roads. Approx 12 miles

14. Water Supply: Ample

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power: Gasoline or diesel

State amount of power used, rate per hour, and source thereof.

16. Labor: 4 miners previously want 2 now

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities: Cabin, blacksmith shop, car, track, air and water lines in tunnel, 2 ton Ford 43 truck, good condition.

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

7 mos a year until opened at lower elevation

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.

Mt. Hough Manganese Mine
(Name of company)

By W. Hymes
(Signature of authorized official)

May 14th, 1951
(Date)

Managing 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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

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-1287X

Date received 5/28/51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 25 1951
SAN FRANCISCO, CALIFORNIA

Chester W. Hymer
P. O. Box 666,
Mt. Hough Manganese,
Quincy, California

Name and address of applicant

Date May 14th, 1951.

FILL IN THIS BLOCK

Date of application May 14th, 1951

Estimated cost $16,000.00 to $20,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Sec8; T 25 N ; R 10 E ; M.D.M.
Plumas County, California.

Date of filing MF-100 Same as above

DMA Docket Number, if available DMA-1287X

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.

St. Hough Manganese Mine (Name of company) — By W. Hymel (Signature of authorized official)

May 14th, 1951 (Date) — Managing 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

Answers (1) to (24) FormMF-103

1. Individual
4. (a) 45 years of mining and business experience + degree E.M.
   (b) The applicant.
5. Owner
6. None
8. Assets: Own home, clear, in Quincy also Mill Creek Placer Mine; Bank Ref. Crocker First Nat'l Bank of San Francisco; Own 43 2 ton Ford truck; Liabilities, current monthly living expenses.

9. Money its equivalent in services and material for 8-10 mos in the sum of $5600 - $7000.00 + if necessary $1000.00 cash.
10. (a) None. (b) Sec 8: T 25 N : R 10 E. Plumas County, Calif. a & b the same. (Note)
11. Mt. Hough Manganese; Crystal Lake Manganese.
12. Fair very passable all down hill to either Cresent Mills where there is a loading ramp on the W. P. 12 miles or to Quincy Junction on the W.P.R.R. Co., 9 miles south, correction 11 miles south.
13. Crystal Lake on property.
14. Cabin, blacksmith shop, ore bins, track, car etc., air water pipe in tunnel.
15. Ship to Federal Supply, steel mills, or stockpiles on high grade, later possible benfaction of lower grades on premises.
16. (a) First world war the mine produced 20 or 25 cars of the best ore produced in the State, I have a settlement sheet from Noble Electric Co, 995 Market Street, S.F. Calif 8/13/18 which ran 55.46% Mn -- Silica 3.55% which paid a bonus of $2.95 Henry Kloppenburg retired district forest ranger said this to be representative of that which he was paid royalties on who at the time owned the property. Second W.W. three cars were shipped then litigation closed the mine since produced nearly a car which is now on the premises.
    (b) Timmons property at much lower elevation on same strike and lode leased by a Mr. Griggs shipped to Quincy stockpile 4000 tons and understand he has released the mine. This indicates ore horizons can be expected in depth on my property as the former actually produced at much lower vertical interval on same formation. Further north is the Canyon Dam property which now has a Federal Contract, by a Mr. Goodwin of Greenville.
    (c) To be determined by proposed exploration, more fully. Reports Cal. Divison of Mines R 33: 133 ; R 16: 179 ; B 76: 53 ; Bull. # 125 Mn in Calif. My report of lense continuity on H. W. side of cherts locally called jasperiod and extent of surface out-crops.
18. In addition to the foregoing might add as the result of my personal experience during both world wars with manganese deposits in California I anticipate and bought the property for its potential as becoming one of the best mines in the State.
19. Seven economical operating months until feasible and justified in lower level tunnel penetration which then would simplify the project.

N. H.

Page #2. Ans to FORM MF-103.

20. Manganese. For the vein type of manganese deposition as applied to steeply pitching beds of stratified deposit in position as of now as the result of major uplifts.

21. Propose, propose extending present tunnel on north slope to connect with the old original shaft which will provide two openings to the mine and provide exit for ore at tunnel level where the ore bin and waste dump are now located. Then deepen shaft and open two or more levels with drifts and X-cuts to prepare for shrinkage stopping. Opened on three sides can then begin to consider delivery contracts. Told Mr. Johnson over from the Department in Reno last year that I perferred to explore with open methods as the physical factors did not exist so as to make drilling data conclusive. Time element of ten months will tell the story to my satisfaction and I'm sure will disclose sufficient data to resolve the matter for all concerned. In # 19 mentioned seven economical months of operation until the mine is opened at lower elevation from which an aerial or gravity tram would reach valley floor or even a switch on the railroad for all year production.

USBM?

22. In conjunction with my answer to #18 above I'm of the opinion that the deposit being associated with the metamorphosed sedimentaries with radiolaria present would indicate marine deposition by the same token appreciable tonnage. The work on this and other deposits has only been superficial to date on this belt and should be resolved one way or the other.

23.

(a)	2 Miners -- $12.00 per day -- 30 das	720.00
(b)	Managing owner, professional engineering, operate surface plant, frame timbers	500.00
(c)	None	
(d)	Headframe, collarsets, sheave, pocket-bin tunnel level, etc.	500.00
(e)&(f)	Rental on compressor, tuggers, etc.	200.00
(g)	2 T Ford truck, cars, Blk tools "	300.00
(h)	Tools, pipe, misc supplies	150.00
(i)	Comp. Ins. Premium, powder, gas, ---	500.00
		2870.00

24. Above first month-- opening two levels with X-cuts drifts to block ore at cost of 16,000.00- $20,000.00

8-10 months to reveal 2500-3000 tons high grade ore.

N.H.

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1287 X

Commodity Manganese

Suggest reducing the amount $8,000 ~~Amount may be reduced by field team~~

Total Amount $16,000 - 20,000

Govt. Participation $12,000 - 15,000

1. Name and Address of Applicant Chester W. Hymer
P.O. Box 666, Quincy, California

2. Location of Property Sec 8, T 25 N, R. 10 E.
Plumas Co, California

3. Mineral or metal Manganese Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor Fair to poor

c) None

d) Don't know—needs field examination X Yes. Not seen since 1917.

e) Is there an alternative and favorable project? Yes.
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Owner
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? ——

Does the lease have sufficient time to run to cover a future

productive period? ——

*question numbers are those of MF-103

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. [illegible]

Commodity Manganese

Total Amount $[illegible]

Govt. Participation $[illegible]

Suggest reducing the amount to $5000

1. Name and Address of Applicant [illegible]
P.O. Box 666 [illegible] California

2. Location of Property Sec 5, T 25 N, R 10 E.
Plumas Co, California

3. Mineral or metal Manganese Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor [illegible]

c) None

d) Don't know—needs field examination [illegible] since 1917.

e) Is there an alternative and favorable project? Yes. (If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? [illegible] (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? no

a) MF-201? ——

b) MF-202 ——

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower _____

b) Equipment and supplies _____
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* _____

d) Water (question 13)* _____

e) Power (question 13)* _____

Is a field check needed on any of these points? _____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* _____

_____

Is a field check needed on this point? _____

10. Exhibit A. (questions 21 and 22)* Suggest restudy by Field Team

a) Is the project adequately described? _____

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? no

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? _____

If not, what part of it is? _____

_____

_____

_____

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower _____

b) Equipment and supplies _____
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* _____

d) Water (question 13)* _____

e) Power (question 13)* _____

Is a field check needed on any of these points? _____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* _____

_____

Is a field check needed on this point? _____

10. Exhibit A. (questions 21 and 22)* [illegible]

a) Is the project adequately described? _____

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? _____

If not, what part of it is? _____

_____

_____

_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant?_____

g) Is a field examination necessary to complete Exhibit A?_____

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable?_____

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant?_____

g) Is a field examination necessary to complete Exhibit A?_____

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable?_____

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____ _____

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable?_____

b) Sufficient data?_____

c) Reasonable?_____

d) Field check needed?_____

15. In your judgment, can the proposed work be done in the proposed time?_____

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?_____

See memorandum attached including draft of letter to Field Team.

Reviewed by: M. D. Cattenden 6-11

Date_____

97692

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? _____

15. In your judgment, can the proposed work be done in the proposed time? _____

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? _____

See memorandum attached including draft of letter to Field Team

Reviewed by: M.D. Crittenden 6-11

Date _____

97692