UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 1351

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 _____

CW
Reviewer's Initials

7973

(Keller) Bassewold

Betty

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Report of:

Dodgeville Mining Company

924 Gay Building

Madison 3, Wisconsin

pertaining to Exploration Project Contract No. Idm-R154, Docket No. DMA-1351X, as amended on December 20, 1951, for the month of June, 1952, covering a project for the exploration of zinc and lead.

My review included an examination of the Monthly Report (Form MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Executive Officer of the Field Team, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of an audit of the Operator's accounts and records for the following reasons:

(a) the administrative cost to the Government of an audit would be excessive in relation to value of the contract or the estimated amount of possible disallowances thereunder;
(b) the Monthly Report was supported by documentary proof of the costs incurred under the contract; and
(c) the major portion ($186.25) covered 149 feet of drilling under an approved subcontract at a rate of $1.25 per foot.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by Contractor		$ 255.54
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$ 255.54

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of One hundred twenty-seven and 77/100 Dollars

— $127.77 —

is considered valid and proper.

February 19, 1953

E N Talbert
Auditor

Government Copy Wash
Lead - Zinc

TERMINATION OF EXPLORATION PROJECT CONTRACT BY AGREEMENT
AFTER COMMENCEMENT BUT BEFORE COMPLETION OF THE WORK

It is agreed this 29th day of October, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Dodgeville Mining Company
924 Gay Building
Madison, Wisconsin
, hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E154, Docket No. DMEA-1351, dated October 2, 1951, that the said contract shall be and is hereby terminated as of the first date above written.

Any work prosecuted or costs incurred by the Operator after the date first above written shall be for the sole account of the Operator, except for (a) such necessary and reasonable costs and expenses as may be incurred in preserving and disposing of any facilities, buildings, fixtures, equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

The undersigned Operator hereby releases and agrees to save harmless the Government from all claims and demands under or arising out of said Exploration Project Contract, except as herein expressly otherwise provided.

Witness the following signatures as of the day and year first above written.

UNITED STATES OF AMERICA

By [signature]
Executive Officer, DMEA Field Team, Reg. V

DODGEVILLE MINING COMPANY
(Operator)

By [signature]
General Partner

18262-1

A M E N D M E N T
to
Docket DMA-1351x, Contract Idm-E154

Contract Idm-E154, Docket DMA-1351x, dated October 2, 1951, between the United States of America and Dodgeville Mining Co., is hereby amended as follows:

1. Article 3, Exploration Project - The starting date is hereby changed from within 30 days to 9 months, and completion from 6 months to 15 months, making the starting date on ore before July 2, 1952, and completion by January 2, 1953.

2. Exhibit "A", Performance of Work - A fourth paragraph should be inserted, as follows: "Should ore of a minable grade on the then existing ore market be found in any holes, either in stage one or two, the operator then may discontinue the drilling of holes in proposed sequence and concentrate on a program of following the ore body so discovered, but not beyond a point where drilling shows the discovery to be of no commercial value. After the concentrated drilling on the so discovered ore body has delineated it, the program should return to sequence drilling or at locations approved by a field representative of D.M.E.A."

3. Estimated Cost of Project - The contract price for drilling is increased from $1.00 to $1.25 per foot in both stages of work, and this means the stated proposed total footages will be less so as not to exceed the total cost of the project.

4. Labor and Supervision - This clause is amended to read: "1 competent mining or civil engineer qualified to establish accurate locations and collar elevations of drill holes and prepare satisfactory accurate maps, at $500 per month for time actually employed on this project. This engineer will do the surveying and mapping. One of the company partners or another qualified exploration supervisor will supervise exploration, check drill logs, and prepare samples.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may pay, or the percentage of the costs which the Government may pay, under the provisions of Article 13 of the contract form.

Dated December 5, 1951

United States of America

By A. B. Needham

A. B. Needham
Executive Officer
DMEA Field Team, Region V

Dated December 20-1951

DODGEVILLE MINING COMPANY

By James J. McDonald

F-200
ne 1951

Docket No. DMA 1351X
Commodity Zinc-Lead

Idm-E154

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 2nd day of October, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Dodgeville Mining Company; A limited partnership consisting of James J. McDonald and C. W. Singer
924 Gay Building
Madison 3, Wisconsin
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 Wisconsin, County of Iowa described as follows: [3] Known as the Margaret Jenkin's Lease and described as follows: The Northeast Quarter of Sec. 21, that part of the Northwest Quarter of Sec. 22, that lies Northwesterly of Highway No. 18, together with that certain parcel of land owned by Margaret Jenkins located in the Northeast of Quarter of the Southeast Quarter of Sec. 21, containing 6.13 acres, all in Township No. Six North, Range No. 4 East.
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 liens, encumbrances and rights, of which the subordination agreement of the holder is attached:~~

(*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] zinc and lead; 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 50 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 50 percent of the agreed estimated total cost of this project, $7,500.00.

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.

Dodgeville Mining Company
(Operator)

By James J. McDonald
James J. McDonald

By
C. W. Singer

THE UNITED STATES OF AMERICA

By C. Mittendorf
Director, Production Expansion Division
Defense Minerals Administration

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

Subject: DMA-1351X
Re: Exploration Loan
Margaret Jenkin Lease

GUARANTY

In consideration of the waiver by the United States of America of the requirement of a subordination agreement as set forth in paragraph 2(b) of the attached Exploration Project Contract between the undersigned and the United States of America, the undersigned hereby guarantees the payment to the United States of America of royalties, as specified in paragraph 15 of said Contract, upon any and all ore discovered or developed as a result of said Contract, which is mined within 10 years from the date of said Contract, whether or not the undersigned has any interest in the property covered by the said Contract or any part in the mining operations at the time said ore is mined. If for any reason the net smelter returns from operations that would be subject under said contract to such payments to the United States of America are not available as a means of measuring the amount of such payment, then the undersigned agrees and undertakes to make such payment according to the best estimates of the amount that can reasonably be made, and in the event of dispute as to such estimate, the undersigned agrees that the determination thereof by either the Administration of Defense Minerals Administration or by the Director of the United States Bureau of Mines shall be final and binding upon the undersigned; provided, however, that should undersigned, prior to the accrual of any obligation to pay under this guarantee, furnish to the United States the subordination agreement required by paragraph 2(b) of said contract this covenant shall thereupon becomefully satisfied and of no further force or effect.

Dated this_____day of_____, 1951.

DODGEVILLE MINING COMPANY

By James McDonald
General Partner

Project: Dar-Lamy
Re: Exploration Loan
Mangyan Mining Assoc.

WAIVER

In consideration of the waiver by the United States of America of the requirement of a subordination agreement as set forth in paragraph 2(b) of the attached Exploration Project Contract between the undersigned and the United States of America, the undersigned hereby guarantees the payment to the United States of America of royalties, as specified in paragraph 13 of said Contract, upon any and all ore discovered or developed as a result of such contract, which is mined within 10 years from the date of said Contract, whether or not the undersigned has any interest in the property covered by the said Contract or any part in the mining operations of the site said ore is mined. If for any reason the undersigned receives less operations than would be expected under said contract to such approaches to the United States of America are not available as a means of promoting the grant of such payment, then the undersigned agrees and undertakes to make such payment according to the best estimates of the amount that can reasonably be made, and in the event of disputes as to such estimate, the undersigned agrees that the determination shall be either the administration of Defense Minerals Exploration or by the Director of the United States Bureau of Mines shall be final and binding upon the undersigned; provided, however, that should undersigned, prior to the receipt of any obligation to pay under this guarantee, furnish to the United States the subordination agreement required by paragraph 2(b) of said contract this covenant shall thereupon necessarily cease and of no further force or effect.

Dated this _____ day of _____, 1951.

DONATION MINING COMPANY

By _____
General Partner

G U A R A N T Y

In consideration of the waiver by the United States of America of the requirement of a landlord's subordination agreement as set forth in paragraph 2(b) of the attached Exploration Project Contract between the undersigned and the United States of America, on property known as the Margaret Jenkins Lease, the undersigned hereby guarantees the payment to the United States of America of royalties, as specified in paragraph 15 of said Contract, upon any and all ore discovered or developed as a result of said Contract, which is mined within 10 years from the date of said Contract, whether or not the undersigned has any interest in the property covered by the said Contract or any part in the mining operations at the time said ore is mined. If for any reason the net smelter returns from operations that would be subject under said contract to such payments to the United States of America are not available as a means of measuring the amount of such payment, then the undersigned agrees and undertakes to make such payment according to the best estimates of the amount that can reasonably be made, and in the event of dispute as to such estimate, the undersigned agrees that the determination thereof by either the Administrator of Defense Minerals Administration or by the Director of the United States Bureau of Mines shall be final and binding upon the undersigned; provided, however, that should undersigned, prior to the accrual of any obligation to pay under this guarantee, furnish to the United States the subordination agreement required by paragraph 2(b) of said contract this covenant shall thereupon become fully satisfied and of no further force or effect.

Dated this _____ day of _____, 195_.

James J. McDonald

James J. McDonald

_____

C. W. Singer

Docket No. 1351X
Dodgeville Mining Company
Exploration Project Contract Idm-E154

EXHIBIT "A"

Performance of work:

Work will consist of:

This project involves the exploration of a lead zinc property known as the Margaret Jenkins Lease, Porter's Grove, in Iowa County.

Lead-zinc mineralization in the Porter Grove area occurs in the Galena, Decorah and Platteville formations (all of Ordovician age -- see attached figure 2). These formations range from 100 feet to 150 feet in depth below the surface of the Margaret Jenkins Lease. This exploration program will consist of churn drilling from the surface through these formations to determine if lead-zinc mineralization exists. Because of the erratic occurrence of this mineral in these formations, the drilling program will be done in two stages (Stage No. 1 and Stage No. 2). If ample mineralization is found by completing Stage No. 1, then, with the written approval of the Government, a part or all of Stage No. 2 will be done. This churn drilling is to be done by a contractor.

Stage No. 1 will consist of churn drilling fourteen holes averaging 120 feet deep or a total of 1750 feet of drilled hole (see attached map for hole location No's 1 through No. 14).

Stage No. 2 will consist of churn drilling a total of 4090 feet of churn-drill hole. The location of these holes to be determined from the results of Stage No. 1 and to have the written approval of the Government.

Estimated Cost of Project:

Stage No. 1

1750 feet of churn-drill hole, contract price @ $1.00/ft	$1,750.00
Assaying @ $2.00/assay	48.00
Supervision, engineering, transportation, sample preparation, and miscellaneous expenses 25% of above cost	449.50
Total cost of Stage No. 1	$2,247.50

Stage No. 2

4090 feet of churn-drill hole, contract price @ $1.00/ft.	$4,090.00
Assaying @ $2.00/assay	112.00
Supervision, engineering, transportation, sample preparation and miscellaneous expenses 25% of above cost	1,050.50
Total cost of Stage No. 2	$5,252.50
Total cost of project	$7,500.00

Fixtures and Improvements

None

Operating Equipment

Contractor will supply all equipment required to do the drilling.

Labor and Supervision

1 Mining Engineer @ the rate of $500.00 per month for time actually enployed on this project. This engineer will do the surveying, mapping, prepare the samples and supervise the work.

Rehabilitation and Repairs

None

6 cont.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

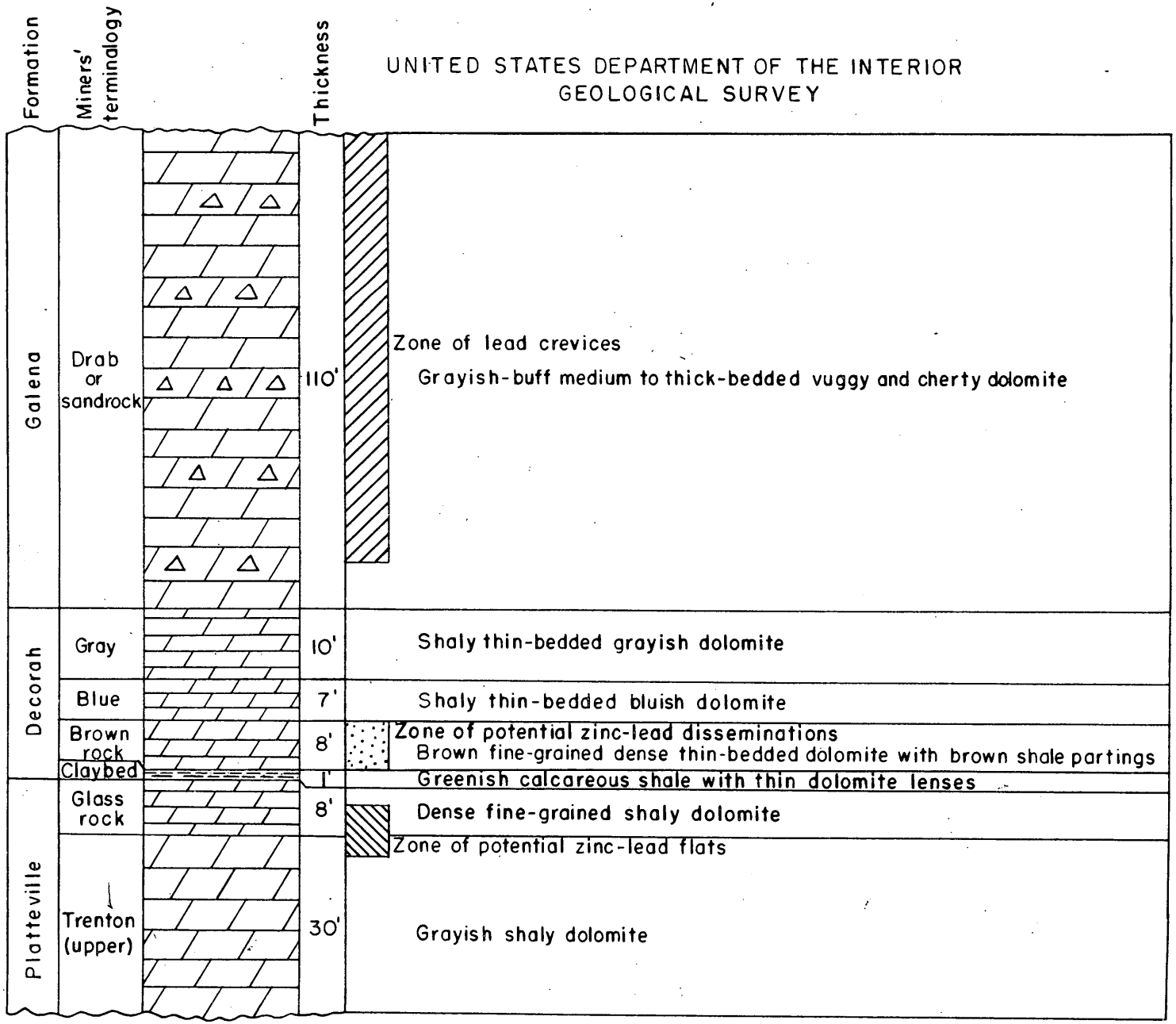

Figure 2. Stratigraphic section of the Porter's Grove, Wisconsin area showing productive zone of lead crevices and zones of potential zinc-lead flats and disseminations.

C O P Y

MINING AND MILLING LEASE

On this 26th day of April, 1951, Margaret Jenkin of Dodgeville, Wisconsin, hereinafter called "Owner", and Dodgeville Mining Company, a limited partnership, hereinafter called "Company" for themselves, their respective heirs, successors and assigns, agree as follows:

1. The Owner, for and in consideration of the rents, and conditions herein agreed to be paid, kept and performed by the Company, has leased and let unto the Company for mining and milling purposes only, the following described premises located in Iowa County, Wisconsin:

> The Northeast Quarter of Section Twenty-one (21), that part of the Northwest Quarter of Section Twenty-two (22), that lies Northwesterly of Highway No. Eighteen, together with that certain parcel of land owned by me located in the Northeast Quarter of the Southeast Quarter of Section Twenty-one (21), containing 6.13 acres, all in Township No. Six North, Range No. 4 East.

2. This lease is intended to lease and let to Company all mining rights and privileges in and upon said land. Should it, however, destroy any crops, it will pay the actual value therefor.

3. Company will commence operations on said land within ninety days from date hereof and thereafter prospect said lands by drilling or otherwise, and work, develop and operate any mine or mines discovered on said lands, in a reasonable and miner-like manner for at least eight months in each year, until all ores in paying quantity are worked out, subject, however, to breakage of machinery and any other cause beyond the control of the Company. It is understood that drilling operations shall constitute mining operations.

4. Company shall have the right of sinking necessary shafts but not less than 300 feet from any farm building, and erecting or installing all buildings and machinery necessary for mining, milling and marketing ore, and shall have the right of removing the same within a reasonable time following the expiration of this lease.

5. Company has the option of paying Twenty-five Dollars per month advance royalty in lieu of the working conditions of this lease, and said payments shall be considered the same as though work had been done. Such monthly payments, however, are not required prior to November 1, 1952, provided Company commences operations prior to Ninety days from date hereof.

6. Company will pay to Owner as rents and royalties for the uses and privileges hereby given the following per cent of the sales price at the selling point of all zinc and lead ores:

a. Eight per cent if the Company treats its ore by the flotation process.
b. Ten per cent if the ore is otherwise treated.

Royalty upon ore settled for in any one month shall become due on the fifteenth day of the following month.

7. All tailings are the property of the Company, except that any tailings remaining on the lands of Owner one year following the forfeiture or surrender of this lease shall become the property of Owner.

8. Company shall protect all drill holes by casing or covering the same, and upon forfeiture or surrender of this lease it will deliver to Owner a properly executed and acknowledged release of this lease.

9. Company may remove ores from the above described premises by trams, roadways, drifts, shafts or otherwise, and mill the same alone or it may mill ores from this lease with other ores from other leases anywhere or on the above described premises and deposit rock, tailings, and sludgings and waste water on the above described premises, except that if milling or hoisting of ores through shafts located on above described premises does not include one-fourth the ores mined from the above described premises Company will pay Owner for such milling and hoisting privileges Fifty Dollars per month.

10. Company has the right of entering or leaving said premises by one roadway most convenient to it. Such roadway, shall be constructed, maintained and fenced by Company at its own expense.

11. Should any well on leased premises be drained or the flow of water reduced due to its mining operations Company will, at its own expense, drill a new well for Owner or sink the old well to a depth to increase the supply of water to its original capacity.

12. Company agrees to keep an accurate record of all tailings and zinc and lead ore sold, which records shall be open to the inspection of Owner at all reasonable times.

13. When ores or partial concentrates from several sources are being treated simultaneously in the Company's mill, it will properly distribute the value of all smelter returns to the several leased premises from which such ore or concentrates are received.

14. At any time after the working conditions of this lease have been complied with solely by payment of advance royalty for a total of eighteen months Owner may upon thirty days written notice to Company cancel this lease.

15. Company may use all tunnels made by it through the above described lands for the transportation of ore to its shaft or shafts from land owned by others.

16. In the event that the United States Government advances to Company any money for exploration purposes conditioned that such advances or any portion thereof be repaid upon the mining of any ore discovered as the result of such advances Owner will make it a condition of any future lease that the lessee will repay to the Government when the ore so discovered is mined any unpaid balance so advanced for exploration purposes.

17. In the event that Company shall fail to comply with any of the terms or conditions of this lease, Owner may demand compliance therewith by serving on Company a written demand to comply with the terms of the lease. Such demand shall specify wherein Company fails to comply. If, within thirty days after the receipt of such notice Company fails to comply with the terms of this lease, the same shall forthwith become null and void.

18. The covenants herein contained shall bind the parties mutually and their respective heirs, executors, administrators, and and assigns.

IN WITNESS WHEREOF the said parties have hereunto set their hands and seals the day and year first above written.

In Presence of:

/s/ Gwendolyn Larkin

/s/ George J. Larkin

/s/ Margaret Jenkin (SEAL)
Margaret Jenkin

In Presence Of:

/s/ C. W. Singer Jr.

/s/ Mary Lutschinger

DODGEVILLE MINING COMPANY

By /s/ James J. McDonald (SEAL)
James J. McDonald
General Partner

/s/ C. W. Singer (SEAL)
C. W. Singer
General Partner

STATE OF WISCONSIN)
) SS.
County of Dane)

I do hereby certify that James J. McDonald and C. W. Singer, personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed, and delivered the foregoing instrument as their free and voluntary act for the uses and purposes therein set forth.

/s/ Mary Lutschinger

Notary Public, Dane County, Wis.
My commission expires: 4-18-54

STATE OF WISCONSIN)
) SS.
County of Iowa)

I do hereby certify that Margaret Jenkin personnaly known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed, sealed, and delivered the foregoing instrument as her free and voluntary act for the uses and purposes therein set forth.

/s/ George J. Larkin

Notary Public, Iowa County, Wisconsin
My commission expires: 1-13-52

MINING AND MILLING LEASE

On this 26th day of April, 1951, Margaret Jenkin of Dodgeville, Wisconsin, hereinafter called "Owner", and Dodgeville Mining Company, a limited partnership, hereinafter called "Company" for themselves, their respective heirs, successors and assigns, agree as follows:

1. The Owner, for and in consideration of the rents, and conditions herein agreed to be paid, kept and performed by the Company, has leased and let unto the Company for mining and milling purposes only, the following described premises located in Iowa County, Wisconsin:

> The Northeast quarter of Section Twenty-one (21), that part of the Northwest quarter of Section Twenty-two (22), that lies Northwesterly of Highway No. Eighteen, together with that certain parcel of land owned by me located in the Northeast quarter of the Southwest quarter of Section Twenty-one (21), containing 6.15 acres, all in Township No. Six North, Range No. 4 East.

2. This lease is intended to lease and let to Company all mining rights and privileges in and upon said land. Should it, however, destroy any crops, it will pay the actual value therefor.

3. Company will commence operations on said land within ninety days from date hereof and thereafter prospect said lands by drilling or otherwise, and work, develop and operate any mine or mines discovered on said lands, in a reasonable and miner-like manner for at least eight months in each year, until all ores in paying quantity are worked out, subject, however, to breakage of machinery and any other cause beyond the control of the Company. It is understood that drilling operations shall constitute mining operations.

4. Company shall have the right of sinking necessary shafts but not less than 300 feet from any farm building, and erecting or installing all buildings and machinery necessary for mining, milling and marketing ore, and shall have the right of removing the ores

Exhibit "a"

within a reasonable time following the expiration of this lease.

5. Company has the option of paying Twenty-five Dollars per month advance royalty in lieu of the working condition of this lease, and said payments shall be considered the same as though work had been done. Such monthly payments, however, are not required prior to November 1, 1952, provided Company commences operations prior to Ninety days from date hereof.

6. Company will pay to Owner as rents and royalties for the uses and privileges hereby given the following per cent of the sales price at the selling point of all zinc and lead ores:

a. Eight per cent if the Company treats its ore by the flotation process.
b. Ten per cent if the ore is otherwise treated.

Royalty upon ore settled for in any one month shall become due on the fifteenth day of the following month.

7. All tailings are the property of the Company, except that any tailings remaining on the lands of Owner one year following the forfeiture or surrender of this lease shall become the property of Owner.

8. Company shall protect all drill holes by capping or covering the same, and upon forfeiture or surrender of this lease it will deliver to Owner a proper, executed and acknowledged release of this lease.

9. Company may remove ores from the above described premises by trams, roadways, drifts, shafts or otherwise, and mill the same alone or it may mill ores from this lease with other ores from other leases any here or on the above described premises and deposit rock, tailings, and sludgings and waste water on the above described premises, except that if milling or hoisting of ores through shafts located on above described premises does not include one-fourth the ores mined from the above described premises Company will pay Owner for

such milling and hoisting privileges fifty dollars per month.

10. Company has the right of entering or leaving said premises by one roadway most convenient to it. Such roadway, shall be constructed, maintained and fenced by Company at its own expense.

11. Should any well on leased premises be drained or the flow of water reduced due to its mining operations Company will, at its own expense, drill a new well for Owner or sink the old well to a depth to increase the supply of water to its original capacity. The location of any new well shall be determined by the Owner.

12. Company agrees to keep an accurate record of all tailings and zinc and lead ore sold, which records shall be open to the inspection of Owner at all reasonable times.

13. When ores or partial concentrates from several sources are being treated simultaneously in the Company's mill, it will properly distribute the value of all smelter returns to the several leased premises from which such ore or concentrates are received.

14. At any time after the working conditions of this lease have been complied with solely by payment of advance royalty for a total of eighteen months Owner may upon thirty days written notice to Company cancel this lease.

15. Company may use all tunnels made by it through the above described lands for the transportation of ore to its shaft or shafts from lands owned by others.

16. In the event that the United States Government advances to Company any money for exploration purposes conditioned that such advances or any portion thereof be repaid upon the mining of any ore discovered as the result of such advances Owner will make it a condition of any future lease that the lessee will repay to the Government when the ore so discovered is mined any unpaid balance so advanced for exploration purposes.

17. In the event that Company shall fail to comply with any of the terms or conditions of this lease, Owner may demand compliance

therewith by serving on Company a written demand to comply with the terms of the lease. Such demand shall specify wherein Company fails to comply. If, within thirty days after the receipt of such notice Company fails to comply with the terms of this lease, the same shall forthwith become null and void.

13. The covenants herein contained shall bind the parties mutually and their respective heirs, executors, administrators and assigns.

IN WITNESS WHEREOF the said parties have hereunto set their hands and seals the day and year first above written.

In Presence of:

Gwendolyn Sorlein

George J. Sorlein

Margaret Jenkin (SEAL)
Margaret Jenkin

In Presence of:

CW Singer, Jr

Mary Lutschinger

MADISONVILLE LAND COMPANY

By James J. McDonald (SEAL)
James J. McDonald
General Partner

CW. Singer (SEAL)
C. W. Singer
General Partner

STATE OF ILLINOIS)
) ss.
County of Cook)

I do hereby certify that James J. McDonald and C. W. Singer, personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed, and delivered the foregoing instrument as their free and voluntary act for the uses and purposes therein set forth.

Mary Lutschinger
Notary Public, Cook County, Ill.
My commission expires: 4-18-54

seal

STATE OF WISCONSIN)
) SS.
County of Iowa)

I do hereby certify that Margaret Jenkin personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed, sealed, and delivered the foregoing instrument as her free and voluntary act for the uses and purposes therein set forth.

_____

Notary Public, Iowa County, Wisconsin
My commission expires:

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-1351X

Date received 5/29/51

Participation

Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Name and address of applicant

Date May 24, 1951

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $7500.00

Mineral or metal Lead and zinc

Percentage of Government participation 50%

Location of mine Porter's Grove, Iowa County, Wisconsin

Margaret Jenkin Lease

Date of filing MF-100 May 15, 1951

DMA Docket Number, if available DMA-1351X

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? Lessee

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. Not owner

7. If lessee, attach a copy of the lease and state if it is in good standing. Exhibit A. Lease 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. See MF-100

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)? $3750.00. It is sufficient.

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

16—64067-1

THE PROPERTY See Exhibits "B" and "C".

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

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

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

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

THE EXPLORATION See Exhibit B

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

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

THE REQUIREMENTS AND COSTS See Exhibit B.

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.

Dodgeville Mining Company
(Name of company)

By James McDonald
(Signature of authorized official)

May 24, 1951
(Date)

General Partner
(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

EXHIBIT B

(Margaret Jenkin Lease)

Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

The Property

10. (a) As described in the lease - Exhibit A.

(b) As in (a) above.

15. If lead and zinc ore is discovered on this property it will be trucked over State Highway No. 18 to our mills at Dodgeville, Wisconsin, and the finished product shipped by rail from Dodgeville to the smelter. State Highway No. 18 is a concrete highway. The road from the mine on the property to Highway No. 18 will be hard surfaced with mine tailings.

The Exploration

20. The exploration will be for lead and zinc ores.

21. The exploration will be made with churn drills and we hope to have the work completed by December 1, 1951, or at the latest by December 1, 1952. We expect to drill on several leases. As drilling progresses the one most promising will receive the greatest attention.

22. This lease covers part of the old Porter's Grove lead diggings that was mined actively for lead from about 1830 to a time within the memory of many now living. In 1840 David Dale Owen, principal agent to explore the mineral lands of the United States, made a report in Document No. 239 of his geological exploration of part of Iowa, Wisconsin and Illinois in the autumn of 1839 pursuant to instructions from the Secretary of the Treasury of the United States. On page 106 of this report Dr. Owen speaks of his findings on Sections 21 and 28 of Township 6, Range 4 East, which are the sections in which the Margaret Jenkin lease is located. His language is as follows:

> "The diggings in this township which have been most productive are on 28 and 21. On the NW of 33 are 'Renshaws diggings' where about 30,000 lbs of lead ore has been raised. On the NE of 31, Carbonate of zinc occurs; and on the SE of 31, copper ore has been discovered."

T. C. Chamberlin, chief geologist of the State of Wisconsin, in his report to the governor on the geology of Wisconsin in 1877 makes the following statement in Volume 2 of his report, page 732.

EXHIBIT B, (Margaret Jenkin Lease), continued:

"Porter's Grove Diggings.

These mines are situated in town 6, range 4 east. At present the following mines are in operation:

Union Mine, Wm. Hendy & Co. Situated on the N.E. qr. of the N.E. qr. of Sec. 25. The ore produced is lead, and in tumbling openings, at a depth of 70 feet and on the upper surface of the green rock. From two to five men are employed. The mine is drained by a level one-quarter of a mile long.

Ridgeway Mine, Wm. Hendy & Co. Situated on the S.E. qr. of the S.E. qr. of Sec. 21. This mine is owned and operated by the same parties as the preceding, and is on the same range, which is known as the north and south branch lot. From two to four men are employed. It is also drained by a level a quarter of a mile long. The mode of occurrence of the ore is also the same. The present owners commenced operating them in 1872; since then the product of lead ore is as follows:

	Union Mine.	Ridgeway Mine.
1872	300,000 lbs.	44,000 lbs.
1873	35,000 "	44,000 "
1874	16,000 "	63,000 "
1875	38,000 "	44,000 "
1876 to Oct. 1st	22,000 "	17,000 "

Frank, Farwell & Co. S.E. qr. of N.E. qr. of Sec. 28. These parties commenced working on the Lakefield range in Oct., 1875. Previous to that time it had not been worked for twenty years. Most of the workings are at a depth of 35 feet below the surface, although some are as deep as 60 feet. The work is chiefly removing pillars of lead ore which have been left from former operations. The product from Oct., 1875, to Oct., 1876, has been 14,000 lbs.

Other parties mining in this vicinity are John and Thomas Paull, of Ridgeway, producing lead ore."

The property for which this application is made is part of the old lead diggings at Porter's Grove which cover roughly the area shown on Exhibit C. At approximately the point A on Exhibit C there is the remains of an old shaft and near this shaft about two years ago we found about a bushel of "Dry bone" (Zinc Carbonate--

EXHIBIT B, (Margaret Jenkin Lease), continued:

Smithonite). We attempted at the time to secure a lease to this property but the party then owning it did not wish to lease his property. It has since been secured from the new owner and it is our desire to drill in various directions around this old shaft as we are satisfied that there is zinc in the immediate vicinity as it is well recognized that "dry bone" and zinc (blend) are usually part of the same sheet. In support of this contention we quote from the "Geology of Wisconsin" by T. C. Chamberlin, Chief Geologist. In Volume 4 of this work on page 395, in his discussion of ore deposits of Southwestern Wisconsin, Professor Chamberlin says:

> "Smithsonite 'Dry bone'--Zinc Carbonate.
>
> ***It occasionally presents the characteristic forms of blend, but this is due to derivation from the blend rather than replacement, as in the preceding cases, indeed these pseudomorphi after blend are among the proofs that the smithsonite in general is derived from the blend. Other evidences are found in the fact that, with the greatest frequency, the exterior of a mass is found to be smithsonite and the interior blend, and the line or junction is such as to force the conviction that the blend is changing into the smithsonite. Equally convincing is the fact that the 'dry bone' is found almost exclusively above the permanent water level, where atmospheric agencies are active, and oxidation finds suitable conditions, while in the same crevice, below the water level, blend is found, the two occupying the same relations to the other minerals or the crevice, thus indicating clearly that they are but parts of what was originally a continuous sheet.***"

Requirements and Costs

We are presently paying $1.00 a foot for our churn drilling. The cost of the project would be this drilling expense plus assaying expense together with such additional expense as you may allow for spotting holes, overseeing the operations, and preparing the sample for assay.

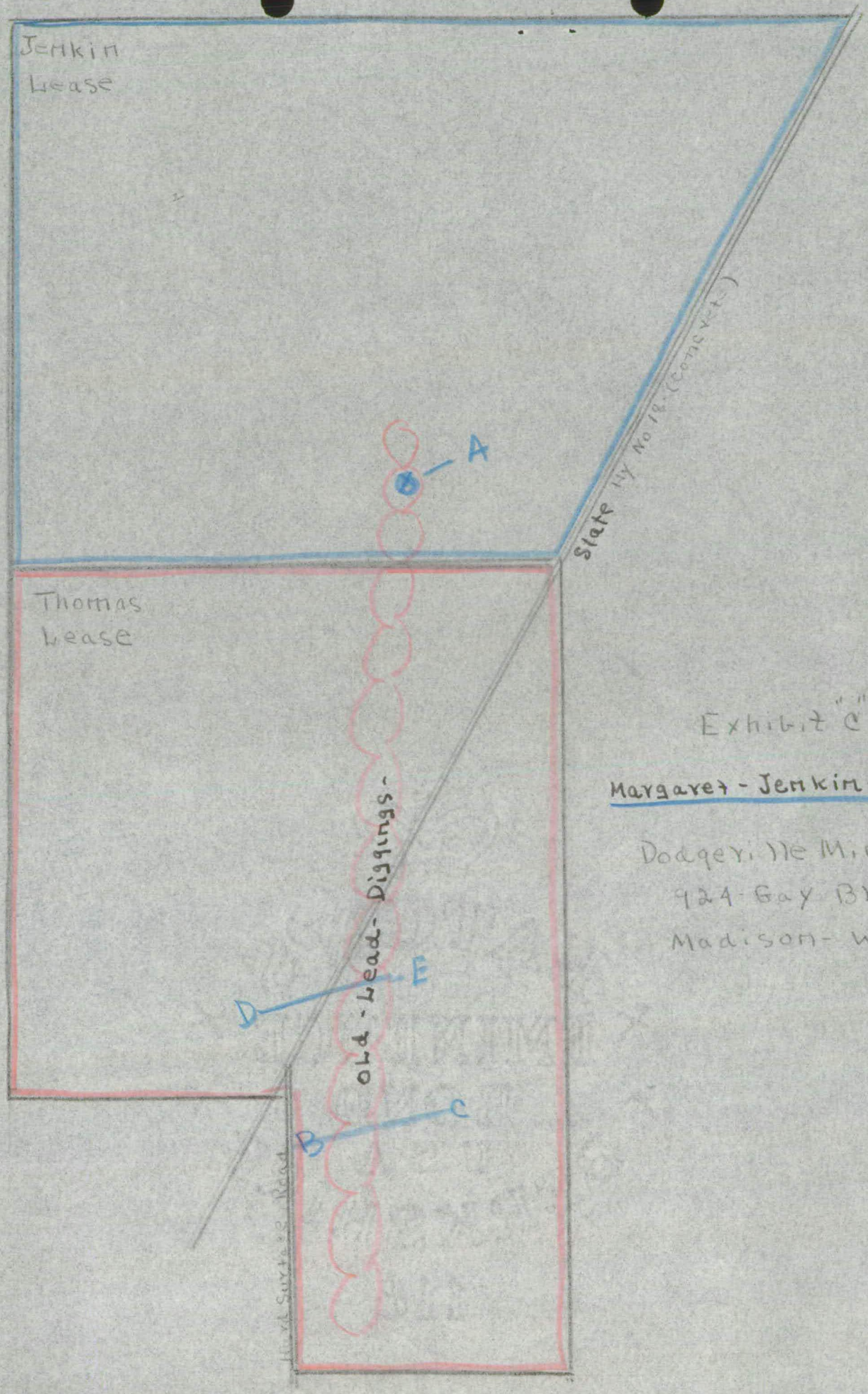

Exhibit "C"

Margaret - Jenkin - Lease

Dodgeville Mining Co
924 Gay Bldg.
Madison - Wis.

RECEIVED ELECTRONICALLY
FILED
MAR 28 9 04 AM '91
COMM. RECORDS

Amended
~~Supplementary~~ Report

Margaret Jenkin
Lease
D.M.A. 1351X
Report for June 1952

Dodgeville Mining Company
924 Gay Building
Madison, Wisconsin

Report

There are attached to this report the following:

(1) Five copies each completed forms M.F. 104, and M.F. 104-A with certified copies items of cost attached to original M.F. 104.

(2) Five copies Geologic and Engineering Report.

This supplementary report is made in compliance with your letter of October 20, 1952 disallowing certain items of cost.

October 22, 1952.

DODGEVILLE MINING COMPANY

By: James J. McDonald
General Partner

Form MR-104 (Rev.)
(April 1952)

amended ~~SUPPLEMENTARY~~ REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

Jenkin Lease

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1952 Docket No. DMEA 1351X Contract No. IDM-E154
Operator's Name Dodgeville Mining Company Minerals Lead & Zinc
Address 924 Gay Building, Madison, Wisconsin
Contract Amount, $7500.00 Government Participation: 50% Amount, $7500.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	186.25		186.25	186.25		186.25
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision	35.42			35.42		35.42
Technical Services	~~4.77~~ 27.50			27.50		27.50
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Transportation	6.37			6.37		6.37
(8) Contingencies (specify):						
Totals	255.54 ~~232.81~~			255.54		255.54

RECEIVED OCT 1952 Bureau of Mines

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Oct. 22, '52 *Payee Dodgeville Mining Company

Per James McDonald Title General Partner.

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$127.77 HC

Signature L. A. Hill
(Authorized Certifying Officer)

Date MAR - 4 1953 Vou. No. 29
(See other side)

Final Pmt.

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E-154 in accordance with the terms of the contract.

Signature H. J. Schroeder Title Mining Engr. Date 10/28/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. B. Needham Title Ex Off. Date OCT 2 3 1952

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

amended ~~Supplementary~~ Report

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

Jenkin Lease

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 195 2 Docket No. DMEA 1351X Contract No. IDM-~~E154~~ ~~S-193~~ 2-154
Operator's Name Dodgeville Mining Co Minerals Zinc and lead
Address 924 Jay Bldg - Madison - Wis

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core		255.54		255.54		1.715		
Churn feet	149	~~23.81~~	149	~~232.81~~	149	~~1.562~~		
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Oct 22-52 Operator Dodgeville Mining Co

Per James McDonald General Partner Title

NOTE.—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.

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

U. S. GOVERNMENT PRINTING OFFICE 205676

WORK PROGRESS REPORT

Docket 1351x

Contract Idm E-154

Month June (Amended) 1952

Company Dodgeville Mining Co.

Property Jenkin

DRILLING - The following holes were completed this period:

Lease	Hole	Date started	Date completed	Depth
Jenkin	B-1	6/ 4/52	6/ 5/52	67
"	B-2	6/ 5/52	6/ 5/52	42
"	B-3	6/ 6/52	6/ 6/52	40
"	*B-4	6/ 9/52	6/ 9/52	45
"	*B-5	6/10/52	6/10/52	35

*Disallowed because location of holes did not correspond to contract map.

The following holes were in progress this period, but not completed:

Lease	Hole	Date started	Footage reported	Remarks

None in Progress

TOTAL (completed) (~~xxxxxxx~~) footage this period **149 To date **149
scratch one

**Does not include Holes B-4 and B-5

DRIFTING AND CROSSCUTTING - Headings were advanced as follows:

Name and location	Average cross-section	Advance From-	Advance To-	Advance for period	Total advance to date	Remarks

TRENCHING AND TEST PITTING - The following excavations were in progress this period:

Name and location	Cubic yards this period	Cubic yards to date	Linear feet this period	Linear feet to date	Remarks

OTHER MAJOR WORK -

All work was performed in a satisfactory manner and the attached Form MF-104, Monthly Report, constituting certified invoice, rendered by the contractor under date of October 22, 19 52, totalling $ 255.54, has been carefully checked and approved by me.

APPROVED BY:

H. J. Schroeder
Mining Engineer ~~or Geologist~~

W. A. Broughton
~~Mining Engineer or~~ Geologist

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Jenkins HOLE NO. B-1

LOCATION OF HOLE

REMARKS

0 TO 10 CLAY

TO SAND ROCK

TO GRAY LIME

TO BLUE LIME

TO BROWN ROCK

No formation

42 TO 52 GLASS ROCK

52 TO 67 Trenton lime

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE 67 ft.; DEPTH WATER STRUCK ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☐ WEAK ☐

DATE STARTED June 4 195 2; DATE FIN. June 5 195 2

LABOR 24.00

ASSAY REPORT

ZINC LEAD SULPHUR

Report - June

SIGNED Lester Baker

DATE

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Jenkins HOLE NO. B-2

LOCATION OF HOLE 200 ft. Southeast of B-1

REMARKS

0 TO 10 CLAY

TO SAND ROCK

TO GRAY LIME

TO BLUE LIME

TO BROWN ROCK

No formation

28 TO 38 GLASS ROCK

38 TO 42 Trenton lime

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE 42 ft. ; DEPTH WATER STRUCK ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☐ WEAK ☐

DATE STARTED June 5 195 2 ; DATE FIN. June 5 195 2

LABOR 24.00

ASSAY REPORT

ZINC LEAD SULPHUR

SIGNED Lester Baker

DATE

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Jenkins HOLE NO. B-3

LOCATION OF HOLE 300 ft. Southeast of B-2

			REMARKS
0 TO 10	CLAY		
TO	SAND ROCK		
TO	GRAY LIME		No formation
TO	BLUE LIME		
TO	BROWN ROCK		
28 TO 38	GLASS ROCK		Hit water & broken ground at 38 ft.
38 TO 40	Trenton lime		
TO			
TO			
TO			
TO			
TO			

TOTAL DEPTH OF HOLE 40 ft. ; DEPTH WATER STRUCK 38 ft. ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED June 6 1952 ; DATE FIN. June 6 1952

LABOR 24.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Lester Baker

DATE _____

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Jenkins HOLE NO. B-4

LOCATION OF HOLE 250 ft. Southwest of B-5

REMARKS

0 TO 10 CLAY

TO SAND ROCK

TO GRAY LIME

TO BLUE LIME

TO BROWN ROCK

No formation.

30 TO 40 GLASS ROCK

40 TO 45 Tronton lime

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE 45 ft.; DEPTH WATER STRUCK ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☐ WEAK ☐

DATE STARTED June 9 195 2; DATE FIN. June 9 195 2

LABOR 24.00

ASSAY REPORT

ZINC LEAD SULPHUR

SIGNED Boston Bakow

DATE

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Jenkins HOLE NO. B-5

LOCATION OF HOLE 250 ft. Southwest of B-4

REMARKS

0 TO 10 CLAY

____ TO ____ SAND ROCK

____ TO ____ GRAY LIME)

____ TO ____ BLUE LIME) no formation

____ TO ____ BROWN ROCK)

22 TO 32 GLASS ROCK

32 TO 35 Trenton lime

____ TO ____

____ TO ____

____ TO ____

____ TO ____

____ TO ____

TOTAL DEPTH OF HOLE 35 ft. ; DEPTH WATER STRUCK ____ ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☐ WEAK ☐

DATE STARTED June 10 1952 ; DATE FIN. June 10 1952

LABOR 24.00

ASSAY REPORT

ZINC ____ LEAD ____ SULPHUR ____

SIGNED Lester Baker

DATE ____

UNITED STATES
DEPARTMENT OF THE INTERIOR 500
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

PROJECT SUMMARY REPORT

By: W. P. Klugescheid May 13, 1955

1. Docket No. DMEA-1351X (Lead-Zinc)
Contract No. Idm-E154
Property: Margaret Jenkins Lease
Iowa County, Wisconsin

Operator: Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin
- A limited partnership consisting of C. W. Singer and James J. McDonald

Operator's Property Rights: Lessee - Guarantee of repayment by the Operator was accepted in lieu of Landlord's Subordination Agreement which could not be obtained. Not dated.

2. Contract dated October 2, 1951. To complete - 6 months.

Work Authorized

STAGE I

1750 feet of churn drilling @ $1.00 per foot	$1,750.00
24 assays @ $2.00 per assay	48.00
Supervision, engineering, transportation, sample preparation, and miscellaneous expenses 25% of the above cost.	449.50
Total cost of Stage I	$2,247.50

STAGE II

4090 feet of churn drilling @ $1.00/ft.	$4,090.00
56 assays @ $2.00 per assay	112.00
Supervision, engineering, transportation, sample preparation & miscellaneous expenses 25% of the above cost.	1,050.50
Total cost of Stage II	$5,252.50
Total cost of the project	$7,500.00
Government's participation @ 50%	$3,750.00

Amendments

No. 1 Dated December 5, 1951.

Changes starting and completion dates. Specifies that if ore is discovered in any holes, either in Stage 1 or Stage II, the Operator is to concentrate on a program of following the orebody so discovered but not beyond the point where drilling shows the discovery to be of no commercial value. After orebody has been delineated, the program should return to sequence drilling. Inceases the unit cost of drilling, permits the employment of a competent Civil Engineer at a fixed rate for the surveying.

No increase in cost of the project.

Work Completed.

149 feet of churn drilling @ $1.25/ft.	$ 186.25
Supervision, technical services, transportation.	69.29
Total cost of project	$ 255.54
Government's participation @ 50%	$ 127.77

Work was terminated by mutual termination agreement signed October 29, 1952.

3. Audit - Report of Review issued February 19, 1953.

Total cost as billed by Contractor	$ 255.54
Exceptions. None	
Total accepted cost.	$ 255.54
Government's participation @ 50%	$ 127.77

4. Certification of Discovery - None issued. No minerals of significant economic value. No ore reserves.

5. Comments:

The object of this work was to try and locate mineralized ground in the vicinity of some of the old lead diggings on this lease.

Five holes were drilled of which two were disallowed by the Government as they did not conform to contract stipulations for location. None of the holes showed any lead or zinc mineralization.

As no mineralization was found and also as the zinc market was declining, the Company requested termination of the contract.

None of the samples showed enough mineral to warrant an assay.

Zinc and lead minerals of the Porter's Grove area occur in the Galena, Decorah, and Platteville formations, all of Ordovician age. Early lead production was largely from the lower part of the Galena formation. Zinc sulphide ore is not known to have been produced in this area although it is reported that some Smithsonite was mined from shallow diggings.

Structural data are wholly insufficient in this area to indicate the possibility of folds, which are so common in southwestern Wisconsin.

The geologic probabilities of ore existing in the unexplored portions of this lease are not necessarily decreased by virtue of the negative results encountered by the small amount of drilling that was done under the contract.

All holes were drilled into the Trenton dolomite of the Platteville formation.

W. P. Klugescheid

W. P. Klugescheid

WPK/er 5/24/55

Copy to: Docket
Base Metals
Chron.

☐ Audited

☐ Certified

RK ANALYSIS SHEET – DMEA PROJE

Analysis as of 12/7/54
Incl. Voucher for June 1952.

☒ Actual Cost

☐ Agreed Unit Costs

Name Dodgeville Mining Co.

Docket No. DMEA-1351X

State Wisconsin

Commodity Lead-Zinc.

Idm-E No. 154

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify) Churn	5,840'	$7,500.00	149	$255.54	$255.54
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		$7,500.00		$255.54	$255.54

Prepared by W. R. Hugeschmid

FILE COPY
SURNAME:

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

Brownell
Chandler
Putin
action

Mr. James J. McDonald, General Partner,
Dodgeville Mining Company
924 Gay Building
Madison, Wisconsin

JUN 8 1953

Re: Docket No. DMEA-1351 (Zinc-Lead)
Jenkins Lease
Iowa County, Wisconsin
Contract No. Idm-E154

Dear Mr. McDonald:

This is with reference to the subject Exploration Contract between your company and the Government.

The final audit of the contract expenditures of the Operator and of the Field Team have been received and accepted by this Administration. Of the total amount of $7,500.00 approved under the contract, the sum of $255.54 was actually expended, 50 per cent of which, or $127.77, represented the Government's share. The Government has waived its claim with reference to its equity in any unused materials or equipment which may have been left over. The exploration work was completed in a satisfactory manner.

Because the results of the exploration were unfavorable, it is not our intention to make a certification of discovery or development which would create a lien against the subject property. We are, therefore, closing our books and records with respect to this project. Your attention is called, however, to Article 11 of the contract which requires the Operator to "keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract".

Your interest in the Exploration Program of the Defense Minerals Exploration Administration and your willingness to participate therein are appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

6-8-53

WRGriswold/hmj (6/3/53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals
Cont. Admin & Audit Div.
Mr. Bishop
Mr. Kinkel
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

May 19, 1953

Memorandum

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

From: A. B. Needham, Executive Officer, Field Team, Region V

Subject: Docket DMEA-1351x, Contract Idm E-154, Dodgeville Mining Co., Jenkins Lease

Here are the original and three copies of the Government's Final Geological and Engineering Report on the subject project, which does not recommend certification.

The operator's final report had previously been transmitted.

A. B. Needham
Executive Officer, Field Team
Region V

Attachments - 4

F.T. FINAL RPT.

Reviewed by
DMEA OPERATING COMMITTEE

5-27-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
FILED
MAY 21 1953

FINAL GEOLOGICAL-ENGINEERING REPORT
BY FIELD TEAM REGION V

DOCKET NO. D.M.E.A. 1351x
CONTRACT NO.: Idm-E154
COMMODITY: Zinc-Lead

Dodgeville Mining Company
M. Jenkin Lease
Iowa County, Wisconsin

H. J. Schroeder, Mining Engineer
U. S. Bureau of Mines
W. A. Broughton, Geologist
U. S. Geological Survey

May 14, 1953

Reviewed by
DMEA OPERATING COMMITTEE

5-27-53
(date)

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Illustrations

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Fig. 2.	Stratigraphic section of the Margaret Jenkin property, Iowa County, Wisconsin	8
Plate 1.	Map of the Margaret Jenkin property showing drill holes and structure contours - Porter's Grove Area, Iowa County, Wisconsin	8

Location:

The exploration program was conducted on land about 5 miles East of the city of Dodgeville, Wisconsin. Approximately 210 acres of land contained in the Margaret Jenkin property was leased to the operator for inclusion under the contract. A detailed land description is as follows: The NE$\frac{1}{4}$ of Section 21. That part of the NW$\frac{1}{4}$ of Section 22 that lies Northwesterly of Highway No. 18, also a strip along the northern edge of the NE$\frac{1}{4}$ of the SE$\frac{1}{4}$ of Section 21 containing 6.13 acres; all in T 6 N, R 4 E, Iowa County, Wisconsin.

Most of the land was gently rolling terrain devoted to farming, and presented no difficulties in moving the drilling machines.

Contract Provisions and Amendments:

The U. S. Government and Dodgeville Mining Company of 924 Gay Building, Madison 3, Wisconsin entered into contract agreement DMEA Docket 1351x, Idm-E 154, dated October 2, 1951 for purposes of exploring for zinc and lead ores. The contract amount was for $7,500 with an estimated 5840 feet of churn drilling to be done at a contract price of $1.00 per foot. Other estimated expense was $160 for assaying, and $1500.00 for supervision, engineering, sample preparation, and miscellaneous. Government participation in the expenses was 50 percent. The Landlord's Subordination Agreement could not be obtained and in lieu thereof the government accepted the company's guaranty of repayment.

Prior to the company's signing the contract, an amendment dated December 5, 1951 was attached to the contract. This amendment provided for deviation from the drilling pattern specified on the contract map,

should ore of a mineable grade be found in any of the holes prior to completion of the initial pattern. The starting and completion dates were extended to nine months and fifteen months, respectively. Allowable cost per foot of drilling was increased to $1.25. Permission was granted to have surveying done by a civil engineer and supervision of the exploration by other qualified personnel, if a mining engineer was not available.

Summary:

Work was terminated by mutual agreement before completion of the proposed initial drill hole pattern. The limited drilling that was accomplished did not succeed in indicating the existence of an ore body. However, the geologic probabilities of ore existing in the unexplored portions of the lease are not necessarily decreased by virtue of the negative results encountered in the area that was drilled under the contract.

Possible Exploitation - Certification:

The drilling accomplished did not disclose mineralization having significant economic value. Since no ore reserves are indicated, possible exploitation is not considered. Certification of the property is not recommended.

Description of the Work:

Drilling under the contract began on June 4, 1952 and the last hole completed was on June 10, 1952. Three holes with an average depth of 50 feet or a total of 149 feet were accomplished.

Equipment used consisted of two 22-W Bucyrus-Erie churn drills using a six-inch chisel type bit. Normally only the upper unconsolidated weathered zone required casing. Usual procedure is to drill five feet and then bail out the sludge with a flap-type valve bailer. This sludge is dumped into a tub, and when well mixed, a representative sample is placed in a pile on the ground for logging and assay samples. When an ore zone is encountered, the sample interval is usually reduced to two feet.

Initial drilling designated by the contract consisted of fourteen holes diagonally crossing an old lead range. The three southernmost holes in this pattern were completed under the program. Negative results of this early work, indicated poor ground for mining, and probably the adverse effects the declining zinc market had upon the company's operating mine, led to the decision for curtailing exploration in the contract area. A request was made and granted on October 29, 1952 for termination of the contract before completion of the work.

Holes B-4 and B-5 were drilled by the operator during the same period as the contract holes described above and were submitted for payment. However, it was necessary to disallow payment for these holes as they did not conform to contract stipulations for location.

Plate 1 accompanying this report shows the location of the holes drilled during the contract. There is also included a complete set of the logs showing formations and estimated metallic values. Because the disallowed holes drilled during the contract period are pertinent to the work accomplished, copies of these logs are also included.

The operator's final geologic-engineering report has been previously forwarded.

Expenditures:

The following tabulation shows the essential items in regard to the expenditures incurred under this contract:

Contract amount	$ 7,500.00
Total approved expenditures	255.54
Government's share of the cost	122.77
Government's share unexpended	3,627.23

Items of Expense	Approved Expense	Cost per Foot
Contract Drilling	$ 186.25	$ 1.250
Supervision	35.42	.238
Technical services	27.50	.184
Transportation	6.37	.043
Total	$ 255.54	$ 1.715

Monthly MF-104 reports had partial supporting evidence of costs incurred and bills paid. A review of the completed project was made by a DMEA auditor at Minneapolis on February 19, 1953. The auditor certified the approved expenses as being valid and proper.

Technical Control - Supervision:

Direct supervision of the project was a company responsibility. Locations of fourteen initial holes were shown on a map attached to and made a part of the contract. Only five of these initial holes were completed, therefore no decision was required for any additional hole locations.

The company employed Dixon and Ottensman, local engineering consultants, to furnish the required surveying and mapping.

Driller's logs were supplied by the company for use in monthly reports. Samples of each cut were furnished the U. S. Geological Survey for use in preparing a more detailed log of the formations and estimated values contained. It is this latter log which has been filed in the Wisconsin District Atlas, copies of which are submitted with this report.

The visual estimates showed that none of the cuts contained enough values to warrant an assay.

Final geologic report and results of drilling by Dodgeville Mining Company in the Margaret Jenkin property, Iowa County, Wisconsin

W. A. Broughton

U. S. Geological Survey

Docket no.: DMEA 1351

Contract no.: Idm-E154

Commodity: zinc-lead

Location of property

The Margaret Jenkin property is in the Porter's Grove area about 5½ miles east of Dodgeville, Wis. (fig. 1). Boundaries are shown on plate 1. The property includes the NW¼ sec. 21, the north 6.13 acres of the NE¼SE¼ sec. 21, and that part of the NW¼ sec. 22 west of U. S. Highway 18, all in T. 6 N., R. 4 E.

Exploration

In 1952 the Dodgeville Mining Co., with DMEA assistance, drilled 5 holes in the Margaret Jenkin property as an exploration for zinc and lead ore down to the top beds of the "Trenton" (fig. 2). According to the DMEA exploration contract, a series of holes was to have been drilled in a zigzag fashion on a prominent "lead range" that extends in a general northward direction from an old shaft (pl. 1) whose dump contains a small amount of smithsonite. Prior to the DMEA drilling, Dodgeville Mining Co. drilled two holes (R1 and R2) near this shaft without discovering zinc ore.

The Dodgeville Mining Company drilled holes B1 through B5 before notifying the DMEA field team that they were beginning exploration. Holes B1 through B3 were allowed for payment because they roughly corresponded in position to one of the lines of drilling as specified by the contract. Holes B4 and B5 were disallowed for payment because they were not located according to the exploration contract even though they explored part of the range. The company refused to continue exploration under the contract terms. Thus, by mutual consent of the government and the company, the contract was terminated.

Occurrence of ore

Ore-bearing beds

Zinc and lead minerals of the Porter's Grove area occur in the Galena, Decorah, and Platteville formations, all of Ordovician age (fig.2). Early lead production was largely from the lower part of the Galena formation. Zinc sulfide ore is not known to have been produced in this area although it is reported that some smithsonite was mined from shallow diggings. Miners' terms subdividing the formations into members are used in this report.

The recent drilling in the Jenkin property by the Dodgeville Mining Company failed to discover zinc or lead minerals (app. A, logs). The five drill holes showed small amounts of iron sulfide from the lower part of the "drab" into the top beds of the "Trenton".

Geologic structure

Owing to a lack of sufficient information, detailed structure has not been mapped in the Porter's Grove area. Based on the meager available information, the Ordovician formations of the Jenkin property appear to be dipping gently to the southwest (pl. 1). Structural data in this area are wholly insufficient to indicate the possibility of folds, which are so common in southwestern Wisconsin.

Elongate areas of old surface lead diggings (pl. 1) and shallow shafts indicate the presence of lead "crevices" and "ranges" trending from a few degrees to 50° west of north.

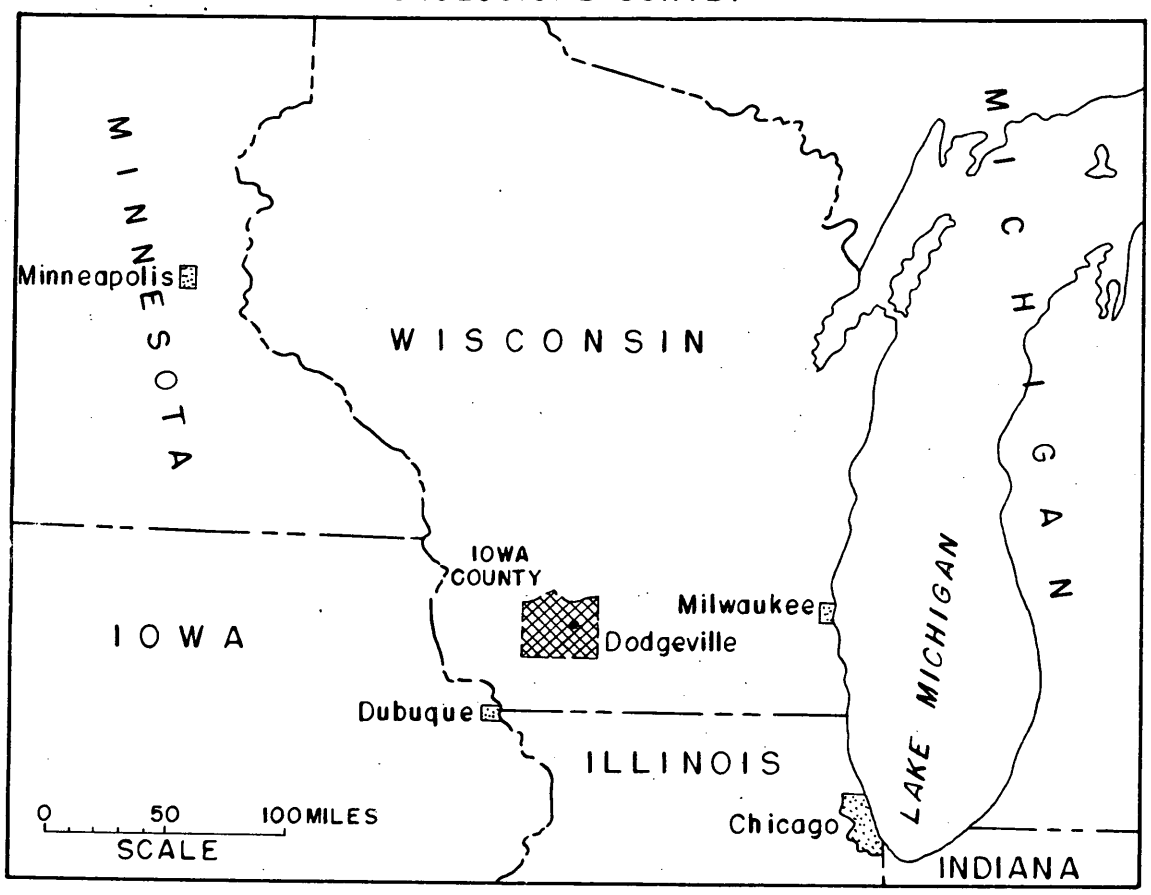
Results of exploration

None of the five DMEA drill holes in the Jenkin property show zinc or lead minerals, although they all show small amounts of iron sulfide indicating a possible nearness to ore. The drilling was insufficient to disclose possible ore structures.

Recommendations

It is the opinion of the reporting geologist that drilling by the Dodgeville Mining Co., with DMEA assistance, failed to discover zinc or lead ore in the Margaret Jenkin property. Therefore it is recommended that the exploration not be certified as a discovery.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



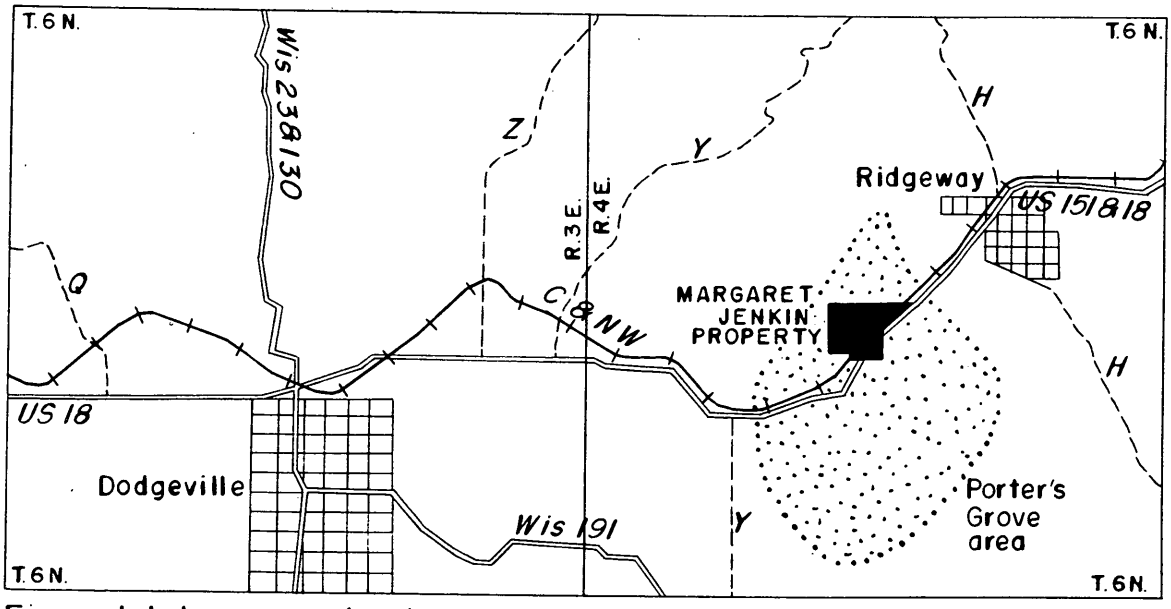
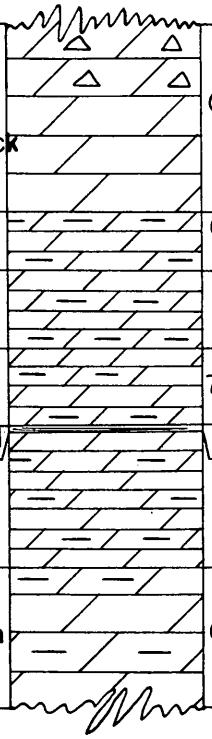


Figure I. Index maps showing the location of the Margaret Jenkin property, Iowa County, Wisconsin.



Formation	Miners' terminology	Thickness	Lithology
Galena	Drab or sandrock	0'-19'	*Dolomite, grayish-buff, medium-to thick-bedded, vuggy, cherty*
Decorah	Gray	0'-6'	*Dolomite, grayish, thin-bedded, shaly*
	Blue	8'	*Dolomite, bluish, thin-bedded, shaly*
	Brown rock	7-8'	*Dolomite, brown, thin-bedded, fine-grained, dense, with brown shale partings*
	Claybed	3"	*Shale, greenish, dolomitic with dolomite lenses*
Platteville	Glass rock	9'-14'	*Dolomite, purplish-brown, thin-bedded, fine-grained, shaly*
	Trenton	60'±	*Dolomite, grayish, thin-to medium-bedded, shaly*

Figure 2. Stratigraphic section of the Margaret Jenkin property, Iowa County, Wisconsin.

Appendix A

Drill Hole Logs and Estimated Assays

Lea County
~~Sec. Ref. 351~~

~~Serial No. 39~~
Hole No. B-1
Collar Elevation: 1159.1'
Depth of Hole: 67'
Location: Jenkins

Date completed: June 5, 1952
Drilled by: Dodgeville Mn.Co.,DMA
Logged by: Broughton, U.S.G.S.
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	10	Clay and Drab
10	19	Drab
19	25	Gray
25	33	Blue
33	40	Brown
40	51	Glassrock
51	67	Trenton

Water table:

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
10	40		Shine	
40	48		1.	
48	67		Shine	

Entire hole oxidized.

~~Serial No. 40~~
Hole No. B-2
Collar Elevation: 1144.6'
Depth of Hole: 42'
Location: Jenkins

Date completed: June 5, 1952
Drilled by: Dodgeville Mn.Co.,DMA
Logged by: Broughton, U.S.G.S.
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	10	Clay, gray, blue
10	17	Blue
17	25	Brown
25	39	Glassrock
39	42	Entire hole oxidized

Water table:

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
10	42		Shine	

Entire hole oxidized

Iowa County

~~Sec. Ref. 351~~

~~Serial No. 41~~
Hole No. B-3
Collar Elevation: 1147.5'
Depth of Hole: 40'
Location: Jenkins

Date completed: June 6, 1952
Drilled by: Dodgeville Mn.Co.,DMA
Logged by: Broughton, U.S.G.S.
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	10	Clay, gray
10	18	Blue
18	25	Brown
25	38	Glassrock
38	40	Trenton

Water table: 38' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	25		Shine	
25	35		1.	
35	40		Shine	

Entire hole oxidized

~~Serial No. 42~~
Hole No. B-4
Collar Elevation: 1148.3'
Depth of Hole: 45'
Location: Jenkins

Date completed: June 9, 1952
Drilled by: Dodgeville Mn.Co.,DMA
Logged by: Broughton, U.S.G.S.
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	10	Clay, drab, gray
10	15	Gray
15	23	Blue
23	31	Brown
31	44	Glass
44	45	Trenton

Water table:

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	45		Shine	

Oxidized to 38'

~~Serial No. 43~~
Hole No. B-5
Collar Elevation: 1135.3'
Depth of Hole: 35'
Location: Jenkins

Date completed: June 10, 1952
Drilled by: Dodgeville Mn.Co.,DMA
Logged by: Broughton, U.S.G.S.
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	10	Clay and Blue
10	14	Blue
14	21	Brown
21	34	Glass
34	35	Trenton

Water table:

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	35		Shine	

Entire hole oxidized.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

BL

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 1953

March 6, 1953

Memorandum

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

From: Executive Officer, Field Team, Region V

Subject: Docket DMEA-1351, Contract Idm E-154, Dodgeville Mining Co., Jenkins Lease

Here are the original and three copies of the operator's final Geological and Engineering Report on the subject docket project.

The Government field team's Final Report has not been completed, but it will be transmitted to you as soon as it is received.

A. B. Needham
Executive Officer, Field Team
Region V

Attachments

cc
3-9

Department of the Interior
Defense Minerals Administration

Margaret Jenkin Lease -- D.M.A. 1351X
Geologic and Engineering Report

Location of Lease: This lease covers property located in the Town of Dodgeville about six miles East of the City of Dodgeville, Iowa County, Wisconsin in an area heavily mined for lead in the early days. The leased lands are more specifically described as the Northwest Quarter of Section 21, that part of the Northwest Quarter of Section 22, that lies Northwesterly of Highway No. 18, together with that certain parcel of land owned by Margaret Jenkin located in the Northeast Quarter of the Southeast Quarter of Section 21 containing 6.13 acres, all in Township 6 North, Range 4 East.

History of Exploration Project: The contract was entered into with the government on October 2, 1951. Prior to this date in June 1951 the company, Dodgeville Mining Company, had drilled three holes on the lease that led the Company to feel that there was a possible ore body to be discovered.

Churn drilling under the contract began on June 4, 1952 and continued until five holes were drilled, two of which were disallowed by the government.

Drilling was done in consultation with representatives of the Bureau of Mines and Geological Survey, Platteville, Wisconsin. No evidence of mineralization was found of either zinc or lead, consequently no holes were considered worthy of an assay.

Reports were made of the drilling which included detailed maps and drill hole logs.

Object of Drilling Program: The object of the drilling program was to explore the possibility of an ore body lying in the immediate vicinity of old lead diggings on the lease. An attempt was made to

OPERATOR'S FINAL REPORT

locate a mineralized area by cross-cutting this old lead range.

Description of Area Drilled: The general geology of the area is common to other areas on Southwestern Wisconsin having zinc deposits, these having been frequently described in many publications, government and otherwise, dealing with the Upper Mississippi lead and zinc field.

The immediate area drilled has a surface covering of approximately ten feet of clay. Below the clay lies a strata of dolomite or drab commonly called sand rock of a thickness approximating twenty-five to thirty feet. Immediately below the sand rock in the following order lies strata of gray lime, blue lime and brown or oil rock, each approximating eight feet in thickness. Immediately below the brown or oil rock will be found a layer of so-called "glass rock" that averages about ten feet in thickness. It was expected that if an ore body was found it would be found of a sheet type just below the "glass rock".

Drilling Results and Conclusions: The net result of the drilling was a failure to locate a mineralized area. Accordingly no estimate of an ore reserve can be made.

October 22, 1952.

James J. McDonald
General Partner
Dodgeville Mining Company

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 1953

March 5, 1953

Memorandum

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

From: Executive Officer, Field Team, Region V

Subject: Operator's Monthly Report and Vouchers for June 1953
Dockets DMEA-1351, Idm E-154; DMEA-1352, Idm E-183
Dodgeville Mining Co., Madison, Wis.

Here are two copies of each of the subject reports, as processed for payment for your files.

A. B. Needham
Executive Officer, Field Team
Region V

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 4 1953

March 2, 1953

Memorandum

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

From: Executive Officer, Field Team, Region V

Subject: Docket DMEA-1351, Contract Idm E154, Dodgeville Mining Co., Jenkins Lease

The following is pertinent information on the above contract, which has been completed:

Total amount of contract	$7,500.00
Government share	3,750.00
Total amount spent	255.54
Government share	~~122.77~~ 127.77
Balance	3,627.23

A. B. Needham
Executive Officer, Field Team
Region V

Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

COPY

November 6, 1952

Memorandum

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

From: Executive Officer, Field Team, Region V

Subject: Docket DMEA-1351, Contract Idm-E154
Docket DMEA-1352, Contract Idm-E183
Dodgeville Mining Company

Here are the original and three copies of the form terminating each of the subject contracts by mutual consent.

No work has been done on either project since June, and we have received the operator's final report on both. The Government report, however, is not ready yet.

/s/ A. B. Needham
Executive Officer
Field Team, Region V

Attachments

ABNeedham:dg
cc Dutton
Grosh (att.)
Broughton
Region V
files
df

RECEIVED
NOV 13 '52
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D.C.
Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 - 1952

December 28, 1951

Memorandum

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

From: Executive Officer, DMEA Field Team, Region V

Subject: Dockets DMA-1351x, DMA-1352x, DMA-1561x, and DMA-1562x, Dodgeville Mining Co., Dodgeville, Wisconsin

Here are the original and three copies of each of the above docket contracts; one copy has been retained by the company and one copy by this Regional office.

The contract includes an amendment which was the cause of an unusually long delay in approval by the operator.

The amendment provides (1) for an extension of time because of having to stagger the six contracts in effect in consideration of crop harvesting, etc.; (2) it also provides for concentrated drilling of a promising mineralized find in order to supplement the company's dwindling ore reserves which is vital to their continued production; (3) for an increase in the cost per foot for contracting which is mandatory in the area since no drillers are available for much less any more; and (4) provides for competent supervision, which heretofore has been questionable. All provisions of the amendment are concurred in (by consultation) by the field team representatives and company officials.

Since Mr. Singer, one partner of the two-man organization, was seriously ill, only Mr. McDonald's signature was obtained. We rather believe it is quite legal and binding, as he is the active partner. If Mr. Singer's signature is absolutely necessary, we can obtain it at a later date.

A. B. NEEDHAM

A. B. Needham
Executive Officer
DMEA Field Team, Region V

Attachments
Needhardt
cc Grosh
Dutton
D. A. Moulds, Base Metals, DMEA, Wash
Region V, Files, df

500
FILE COPY
SURNAME:

Moulds

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

DEC 21 1951

Mr. A. B. Needham
Executive Officer, Region V
DMEA Field Team
2908 Colfax Ave., South
Minneapolis 8, Minnesota

Re: Dockets No. 1351, 1352, 1561 & 1562
Dodgeville Mining Company

Dear Mr. Needham:

Contracts concerning the subject dockets were mailed to you the fore part of October for attachment of subordination and signing by the applicant.

We have not received the completed contracts to date and would appreciate your advising as to the status of the contracts.

Sincerely yours,

Signed

D.E.M. 12-21

D. E. Moulds, Acting Chief
Base Metals Division
Defense Minerals Exploration
Administration.

DEMoulds/hmj
12-20-51
cc to: Adm. Reading File
Mails and Files
Mr. Mittendorf
Mr. Moulds
Docket

BL

400
FILE COPY
SURNAME:

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

Mr. A. B. Needham
Executive Officer Region V
Defense Minerals Administration
2908 Colfax Ave., South
Minneapolis 8, Minnesota

1951

Re: Docket No. DMA 1351X
Docket No. DMA 1561X
Docket No. DMA 1562X
Dodgeville Mining Company

Dear Mr. Needham:

There ~~is~~ are enclosed an original and five copies of each of the subject exploration contracts signed by this office for the Government and bearing effective dates as shown.

Examination of the financial statement of the subject company indicates that assets are sufficient to cover the Governments participation and therefore a Guaranty will be acceptable on the form attached to contract Idm-E 154 for the Margaret Jenkins lease in event Landlords Subordination cannot be obtained.

The drilling contracts are subject to approval by the Government pursuant to Article 4 of the contract. Landlord Subordination agreements properly executed covering the Ira C. Powell lease, Idm-E 167, and John J. Persons lease Idm-E 168, and a Landlords Subordination on Guaranty agreement covering the Margaret Jenkins lease, Idm-E 154, are to be attached to the respective contracts and properly dated.

If the terms and conditions of the Contract meet with the approval of the operator all copies are to be signed by both partners, one copy is then to be retained by the Operator, one copy is for your files and the remaining four copies, including original, returned to this office as soon as possible. In event the Contracts are not satisfactory all copies are to be returned to this office together with proposed changes for consideration.

The copy of the contract required by the Regional Finance Office will be forwarded directly by the Washington Finance Section.

APPROVED:

acting Parsons
Chairman, Coordinating Committee

Lowell B. Moon
Member, Bureau of Mines

Olaf N. Rove
Member, Geological Survey

Sincerely Yours,

C. O. Mittendorf (J.H.) J.F. 10/11

C. O. Mittendorf, Director
Production Expansion Division

DEMoulds/hmj Typed 10-3-51
cc to: R & R
Adm. Reading File
Mittendorf, Olund
Mr. McKnight
Docket
Mr. Moon
Mr. Billing
Mr. Mote

FILE COPY
SURNAME:

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

Moved Mittendorf

OCT 5 1951

a.f.e.

Mr. James J. McDonald
Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Re: Docket No. 1351X
Contract Idm-E154

Dear Mr. McDonald:

In reference to your letter of September 20, 1951 concerning amounts allowable for supervision and miscellaneous expense of your drilling project, the contracts you have list these costs and the maximum amount in which the Government will participate.

In your contracts I-DMA-E11 and I-DMA-E42 this allowance is granted at $0.30 per foot drilled. Contracts Idm-E154, Idm-E167 and Idm-E168 list the amount as a flat sum determined on the basis of 25% of the drilling and assaying estimated cost. The expenses allowable and included in this amount are supervision, engineering, transportation, sample preparation and other miscellaneous expense of the necessary office work to carry out the project. The cost of surveying, and preparation of maps is an engineering cost.

All of the above expenses, of course, are subject to approval of the Government pursuant to Section 10 of your contract and to the maximum shown for the various projects.

The contracts mentioned above in addition to the two projects now in effect are being mailed to Mr. Needham of the Minneapolis office who will contact you to complete the contracts and will further clarify the requirements of the contracts.

Sincerely yours,

C. O. Mittendorf

S.F. 10-5

C. O. Mittendorf, Director
Production Expansion Division

DEMoulds/meh
typed 10-4-51
cc to: Reports and Records
Adm. Reading File
Messrs. Mittendorf, Olund
Mr. Moulds
Region V (2)
Docket
Mr. Billings
Mr. McKnight
Mr. Mote

FILE COPY
SURNAME:

140

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

September 28, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Lodgeville Mining Co. exploration contracts -- Dockets Nos. DMA-1561, DMA-1562, DMA-1351

The three subject cases, the first two submitted to us by you on September 25, 1951, and the third the subject of our memorandum to you of September 18, 1951, are treated together in this memorandum for purposes which will appear hereinafter.

The applicant is apparently the same entity in all three cases. Nevertheless, in DMA-1561 it is described as a limited partnership, in DMA-1562 it is described as a partnership without indication of a limitation in its character, and in DMA-1351 it is set forth as "C. W. Singer and James J. McDonald, partners, acting jointly and severally under trade name of the Lodgeville Mining Co.". While there maybe several legally acceptable ways of setting forth the name of this applicant, we believe that, for the sake of consistency and the records, you will wish to adopt one form in all three cases. Moreover, it is desirable that the form adopted set forth the facts as fully as possible. Consequently, if the partnership is limited, that fact should be stated, as well as the names of the partners, and, in the absence of more specific information as to the nature of the limitation, all partners should sign the contract as a guarantee against the possibility that one may not be able to bind the partnership.

With the foregoing comments, applicable to all three cases, in mind, we have the following to add with respect to the cases separately.

DMA-1561

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

1. The addition in the initial paragraph of the names of the individuals constituting the partnership.

a.e.

2. The elimination from paragraph 2 of the notation, "See description in Appendix " and the substitution of the following, "all that property described in the mining and milling lease of October 16, 1948 between Ira C. Powell and Lucile Powell and the Operator, a copy of which is attached to this contract."

3. The elimination of Appendix A and the substitution of a copy of the mining and milling lease referred to in 2 above. The description taken from the lease and used as Appendix "A" contains a number of references, such as "grantors" which are not defined in the contract and will not be understandable unless the entire lease is attached. Moreover, although the description of the property in the lease is not clear, there is greater certainty in showing that the contract applies to the land leased by this instrument than to have it appear that it applies to an arbitrary description of property which is not clear in itself and which is not related to anything else.

4. Government approval of all subcontracts.

5. Proper signature by the applicant.

6. The attachment of appropriate subordination agreements.

7. Proper dating prior to delivery.

DMA-1562

The proposed exploration contract in this case is approved as to legal form and sufficiency for signature by the Government, subject to:

1. The insertion in the initial paragraph of the names of the individuals constituting the partnership and a statement that the partnership is limited, if that is the case.

2. The indication in paragraph 2 of whether the property is owned or leased, by the striking out of one of the sub- paragraphs.

3. The attachment of any subordination agreements required by the circumstances.

4. The change of the last sentence of the section Exhibit "A" headed "Exploration Project" to read, "If the 15 holes have not, in the opinion of the Government, established the ore zone, the contract shall terminate.

5. Proper signature by the applicant.

6. Proper dating prior to delivery.

DMA-1351

Our approval of September 18, 1951, in this case is modified by the addition of another condition as follows:

6. Elimination from the wording inserted in the initial paragraph of the words "C. W. Singer and James J. McDonald, partners, acting jointly and severally under trade name of" and the insertion after the word "Company" of the words "a limited partnership, consisting of C. W. Singer and James J. McDonald" if such is established to be the case. If such is found not to be the case, then an appropriate description of the organization, whatever it may be, should be inserted in place of the words suggested above.

Your files on these three cases are returned herewith.

J. L. Hofflund

J. L. Hofflund
General Counsel

Attachments

RRGuthrie/ema

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

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

W. P. MARSHALL, PRESIDENT

1201

(51)

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=Int'l Letter Telegram

VLT=Int'l Victory Ltr.

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

WP070 GOVT PD=MINNEAPOLIS MINN 25 1117A= 1951 SEP 25 PM 12 55

DONALD E MOULDS PRODUCTION EXPANSION DIV=

DEFENSE MINERALS ADMN INTERIOR BLDG=

SUBORDINATION AGREEMENT OR GUARANTY FORMS AS CASE MAY BE FOR DODGEVILLE MINING CO WISCONSIN DOCKETS 1351 1561 AND 1562 HAVE NOT BEEN MAILED TO YOU THEY WILL BE SENT HERE THEREFORE YOU CAN FORWARD CONTRACTS TO THIS OFFICE=

B NEEDHAM=

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

SEP 25 3 24 PM '51

OFFICIAL FILE COPY

To	Init.	Date
400	GEC	9-25=
210		

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

SEP 25 2 22 PM '51
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

O

P

Y

DODGEVILLE MINING COMPANY
DODGEVILLE
WISCONSIN

Madison Office:
924 Gay Bldg.
Madison,3, Wisconsin

September 20, 1951

T. P. Billings, Chief
Lead-Zinc Branch
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Attention: Mr. Knauss

Dear Mr. Knauss:

This is in response to your long distance telephone call of last Friday, September 14, relative to amounts allowable under our exploration project contracts for supervision of drilling, gathering samples of cuttings, etc. My understanding was that you would allow $500.00 per month for labor for the supervision of three drills and the gathering and preparation of samples for assay.

I am not clear whether or not this figure is to cover such items as transportation, telephone calls, clerk and stenographic hire necessary in connection with the copying of logs of drill holes and monthly reports. The expense in connection with surveying the location and taking levels of drill holes and preparing maps is another matter that I am not clear on as to whether or not this amount is to be included in the $500.00. Our Company is not large enough to justify the continuous employment of an engineer. For the reason we are merely hiring an engineer as we need him solely for the purpose of preparing maps to conform to the requirements of your contracts. Mr. Singer, our superintendent, is doing the actual supervision of the drilling and the preparing of samples but we find that it takes considerable telephoning and a goodly portion of my time working with him in the following the evidence produced by the drills in order that we get the best results in the spotting of future drill holes.

I would appreciate a word from you in order that we may be clear on the above matters.

We are presently prospecting under two contracts, namely:

A. H. Jones lease, DMA-1145;

J. [illegible] lease, DMA 1560.

We also have pending applications for four more contracts, namely:

FILE COPY
140 SURNAME:
Guthrie

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

September 18, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Dodgeville Mining Company exploration contract -- Docket No. DMA-1351X

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

1. Clarification of the description of the property in the fifth line of paragraph 2 by the substitution for the word "me" of the name of the individual referred to, probably Margaret Jenkins.

2. Attachment of subordination agreement from lessor.

3. Government approval of any subcontracts under which work upon the project is to be performed.

4. Proper signature by the applicants.

5. Proper dating prior to delivery.

Your file is returned herewith.

J. L. Hofflund

J. L. Hofflund
General Counsel

Attachment
RRGuthrie/ema
Copy to: Reports & Records
R. R. Guthrie
J. L. Hofflund
Chron.

a.e.c.

350

FILE COPY
SURNAME:

Gildersleeve (E TM)
McKnight
Mentch (MOTE)
[illegible]

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

Re: DMA-1351X

AUG 30 1951

Lodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Gentlemen:

Before action can be completed on your application (DMA-1351X) for exploration assistance on the Margaret Jenkin lease, it will be necessary to have six completed copies of Form MF-202, "Landlord's Subordination Agreement". Seven copies of this form are enclosed for your attention. Also, please furnish four additional copies of the lease on this property. If there are any claims, liens, or encumbrances against the property it will also be necessary to have six completed copies of Form MF-201 "Mortgagor's Subordination Agreement".

Very truly yours,

SIGNED

T. P. Billings, Chief
Lead-Zinc Branch

Contract drawing awaiting signature write to applicant again - 1352X

Enclosures

BGildersleeve:emp
G 8-28-51

Copies to: A.B. Needham Region V (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Reports & Records
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

McKnight
6/5/51
Johnson

DEPARTMENT OF THE INTERIOR
RECEIVED
AUG 8 1951
Defense Minerals Administration
Production Expansion Division

Defense Minerals Administration 8-28-51

Review of Application for Exploration Assistance

To: Production Expansion Division

From: Director, Supply Division

Docket No. DMA-1351X

Commodity Lead-zinc

Total Amount $7,500.00

Govt. Participation $3,750.00

1. Name and Address of Applicant Dodgeville Mining Company, 924 Gay Building Madison3, Wisconsin

2. Location of Property Margaret Jenkin lease Porter's Grove, Iowa County, Wisconsin

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

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 See field team report

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

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

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

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

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? Don't know

b) MF-202 Yes, applicant has been requested by letter to send these

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

a) Available manpower Yes

b) Equipment and supplies Yes, see field team report
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? No, has been made

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

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes, see field team report

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? Yes, see field team report

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

If not, what part of it is? _____

EXHIBIT "A"

Description of project

The exploration will be for lead and zinc ores by contract churn drilling. It is planned to complete the work by December 1, 1951 or at the latest by December 1, 1952. This project is one of six applications made to DMA for exploration assistance. If all applications are granted, the drilling capacity should complete the projects by December 1952.

Holes will be drilled into the Trenton formation, depth of which is estimated at from 100 to 150 feet. Locations of proposed initial holes are shown on Plate 1 of the DMA field team report. Should no favorable mineralization be found in the initial holes drilled the project will be terminated.

Cost estimates

Churn drilling 5,~~180~~ 84 feet at $1.00 per foot...	$ 5,840.00
Assaying at $2.00 per assay.....	160.00
Supervision, engineering, transportation, sample preparation, and miscellaneous estimated 20% of total.....	1,500.00
Total cost of project....	$ 7,500.00

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

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

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? No

g) Is a field examination necessary to complete Exhibit A? No

11. Exhibit B (question 23-d)*

a) Is it applicable? No

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

c) Is a field check needed? No

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

a) Is it applicable? Yes

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

c) Are rents and charges reasonable? Yes

d) Is a field check needed? No, has been made

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

a) Are there sufficient data? Yes

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

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Contract work

e) Is a field check needed? No, has been made

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? No

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

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.
Field examination has been made, see attached statement

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? _____

Reviewed by: B.Gildersleeve GS 8-21

Approved
Jim Lyon

Date 8-28-51

INT.-DUP. SEC., WASH., D.C. 99009

16. The field team reports there is enough evidence of mineralization on this property to justify some exploration even though such work would be largely of a "wildcat" nature. It is also the opinion of the field team that the project should be discontinued if favorable mineralization is not found in the initial holds drilled. Accordingly, it is recommended that the initial drilling consist of 14 holes drilled across the lead range as shown on the map attached to the field team's report.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
2908 Colfax Avenue South
Minneapolis 8, Minnesota

July 12, 1951

Memorandum:

To: Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, Interior Building, Washington 25, D. C.

From: Executive Officer - DMA Field Team, Region V

Subject: DMA Docket Nos. 1351-X and 1352-X

Enclosed are four copies each of geologic reports pertaining to Docket No. 1351-X, Dodgeville Mining Company's proposed exploration on the Margaret Jenkins lease in Sections 21 and 22, T6N, R4E, and Docket No. 1352-X, also Dodgeville Mining Company's proposal for exploration on the Benjamin Thomas lease in Sections 21 and 28, T6N, R4E.

Field team reports on each of these Dockets were transmitted to you on June 27 and 28, 1951 in order to meet the deadline. It was indicated at that time that the geologic report would follow to complete the file.

A. B. Needham

Enclosures:

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 13 1951

JUL 17 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LANDON F. STROBEL
Executive Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION V -

DMA 1351 X - Dodgeville Mining Company
Margaret Jenkin Lease
Iowa County, Wisconsin

Harold J. Schroeder, Mining Engineer
U.S. Bureau of Mines

Geology by W. A. Broughton, Geologist
U.S. Geological Survey

June 26, 1951

EXAM

Following are the findings of the field team investigation of the Dodgeville Mining Company's exploratory lease application on the Margaret Jenkin lease. Subjects are numbered to correspond to the deficiencies noted by the review of application.

4d. Geologic appraisal :/ The existence of minerilization in the old shaft and the proximity of the lead ranges gives some basis for exploration. However drilling is largely of a wildcat nature and if initial holes have no values, further drilling would not appear justified.

8b. The company has use of three drills which they estimate will have a combined footage of 15,000' to December 1. Drilling from then until April will depend upon the severity of the winter weather and conditions of the land, so any figure for that period of time could not be relied upon. For the remainder of 1952 it is estimated 22,000' could be drilled.

The drilling out of the Jones lease of approximately 6,000' will be pressing the contract deadline of September 22 for completion. It is contemplated that some mineralization will be found before completion, and in tracing out this discovery not more than two drills could be used efficiently. This would release one drill for the Weigel lease, which is felt to be second in potential mineralization value, sometime during the summer. Completion of the Weigel drilling should be possible by December 1.

That places any substantial drilling for the other four leases being considered into spring and summer of next year. With good weather, considerable might be accomplished during the winter, but the company does not believe the contract should require drilling to be initiated before April. If all applications are granted, the drilling capacity should complete the projects by December 1952.

8d. Ground water supplies will be ample for churn drilling needs. For any future production no water will be required on the property as all ore hoisted will be hauled into the existing mill at Dogeville for treatment.

8e. A power line crosses the property. For any future mine the only electric power required would be for hoist, compressor motor, blowers, lighting and small miscellaneous uses.

10a. Drilling is planned chiefly north of the old shaft and along or adjacent to the old lead workings. Holes would be drilled into the Trenton formation, depth of which is estimated at 100'. Spacing would be about 60' apart in a N-S direction but staggered E-W so as to cover core area. Locations of proposed initial holes are shown on the accompanying map. Should no favorable mineralization be found after these initial holes, the company would be agreeable to terminating the project.

b. The location of the property under lease and the proposed initial drilling is shown on the attached map.

d. Detailed cost estimates are as follows:

2,640' drilling @ $12.00 per ft.	$31,680
Assaying at $2.00 per assay	160
Supervision, engineering, transportation sample preparation, and miscellaneous estimated 20% of total.	7,500
Total	$37,500

e. These estimates appear reasonable.

12b&c All drilling is by contract and so no purchase or rental of equipment need be allowed.

13b&c Contract drilling utilizes manpower efficiently. There is adequate supervision for carrying out the project.

17. Answers to the questions asked under this number have been answered in previously discussed subject.

Geologic report on the Margaret Jenkins

lease near Dodgeville, Wisconsin

by

W. A. Broughton

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
RECEIVED
JUL 13 1951
LANDON F. STROBEL
Executive Secretary

Location of Property

The Margaret Jenkins property is in the Porter's Grove area about $5\frac{1}{2}$ miles east of Dodgeville, Wisconsin (fig. 1). This lease includes the NE$\frac{1}{4}$ sec. 21 and a small part of the NW$\frac{1}{4}$ sec. 22, T. 6 N., R. 4 E. (pl. 1).

Occurrence of Ore

Ore-bearing beds

Zinc and lead mineralization of the Porter's Grove area occurs in the Galena, Decorah, and Platteville formations, all of Ordovician age (fig. 2). Early lead-ore production was largely from the lower part of the Galena formation. Zinc sulfide ore is not known to have been produced in this area although smithsonite has been accumulated from shallow diggings. Miners' terms, subdividing the formations into members, are used in this report.

The oldest member of the Galena formation is the "drab" or "sand rock". The maximum thickness of the "drab" is about 110 feet, but much of the member has been eroded in the Porter's Grove area. The Decorah formation is divided, from top to bottom, into the "gray", "blue", "brown rock", and "clay bed". "Glass rock" is the upper member of the Platteville formation, and "Trenton" is the lower member.

Geologic structure

Detailed structure has not been mapped in the Porter's Grove area. However, it is assumed to be similar to structure in the Dodgeville area, about 5 miles to the west, where gently folded east-west anticlines and synclines are crossed by less perceptible north-south folds. Zinc and lead ore bodies occur in the Dodgeville area as narrow bedding-plane veins, called "flats", at or near the "glass rock"-"Trenton" contact. The veins are on the limbs of the east-west synclines and bend around the noses of the interfingering folds. These flats of ore are in some places connected by similar flats where the north-south anticlines cross the east-west synclines. The small amount of drilling in the Porter's Grove (area on the Benjamin Thomas property in SE$\frac{1}{4}$ sec. 21, T. 6 N., R. 4 E.) indicates the existence of gentle folds, but not enough information is available to determine definite trends and the location of axes.

Elongate areas of old surface lead diggings in the Porter's Grove area indicate the presence of lead "crevices" and "ranges" similar to those in other parts of the district. The crevices are nearly vertical mineralized fractures striking east-west, north-south, northwest, and northeast. Two or more closely spaced and parallel crevices constitute a range. The crevices are normally a fraction of an inch to several inches wide, and at definite stratigraphic horizons in the Galena formation they may widen into ore shoots called "openings". Known lead ranges on the Margaret Jenkins property are shown on plate 1.

Character of the ore

The lead crevices contain coarse- to fine-grained galena, some smithsonite, and ocherous clay above the water table; and coarse-to fine-grained galena, pyrite, marcasite, calcite, and a small amount of sphalerite below the water table.

Drilling in the Porter's Grove area indicates that zinc and lead mineralization occurs in the "brown rock" and at the base of the "glass rock". These mineralized zones are not exposed in the area, but it is believed that the "brown rock" mineralization consists of fine- to medium-grained disseminations of sphalerite, galena, pyrite, marcasite, and calcite. The basal "glass rock" mineralization is probably a flat of coarse-grained sphalerite, galena, pyrite, marcasite, and calcite.

Exploration

Exploration for ore in this district is customarily by churn drilling. Although wildcat prospecting for vertical lead crevices by vertical drilling is likely to be unsuccessful, drilling for lead crevices in areas of old surface diggings may be feasible because these areas commonly mark the sites of lead ranges. Churn drilling for the lower flats and disseminated deposits of zinc-lead ore has more possibilities because of the greater horizontal extent of the flats.

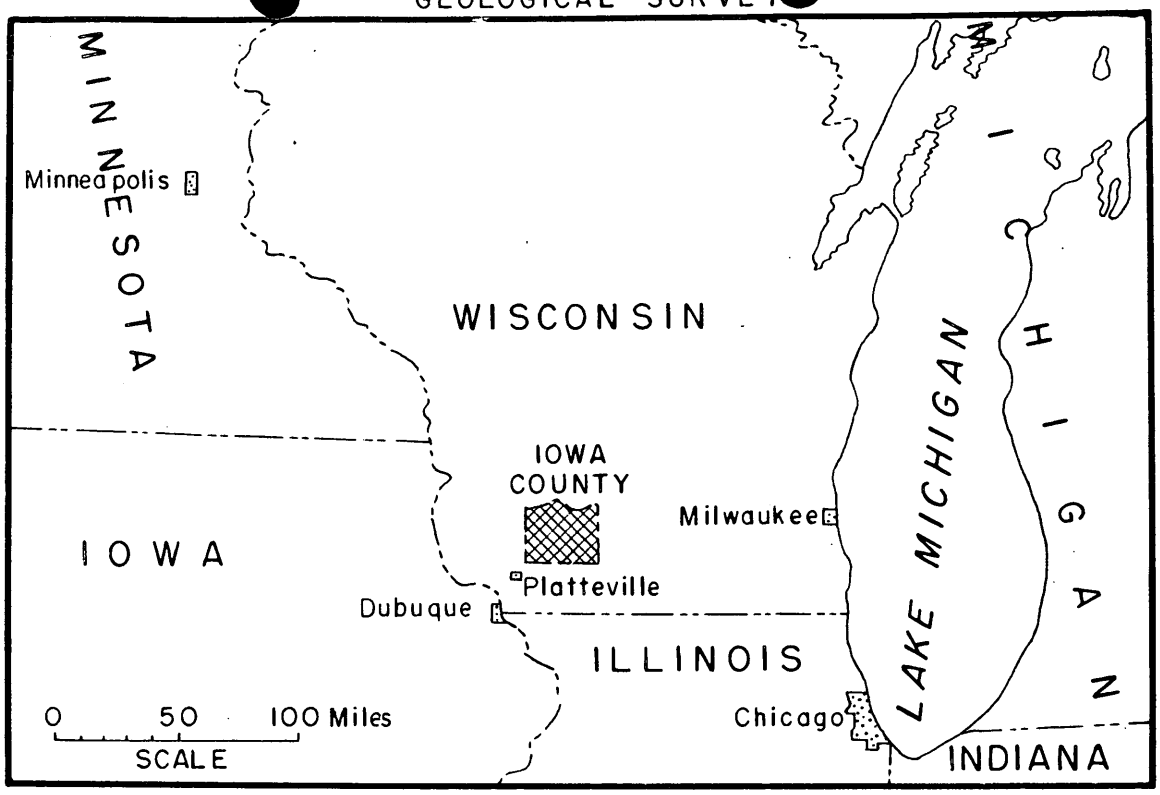
In Porter's Grove area no satisfactory system has been established to prospect for the lower zinc-lead flats and disseminations, except to drill in areas of old surface diggings or along their trends because large lead ranges indicate rather intense mineralization and, in areas adjacent to the Porter's Grove area, lower flats of zinc-lead ore have been found under some of the ranges. Plate 1 shows lead ranges on the Margaret Jenkins property.

No drilling has been done on the Margaret Jenkins property. Except for the lead ranges and the caved shaft (SE$\frac{1}{4}$NE$\frac{1}{4}$ sec. 21) there is very little evidence of mineralization. The applicant reports finding a small amount of smithsonite near the old shaft on a large lead range. Soil samples collected and analyzed by the U. S. Geological Survey from a traverse across a lead range in the NE$\frac{1}{4}$ sec. 21 show a decided increase in both lead and zinc in soil over the range as compared to that adjacent to the range.

The applicant proposes to drill a series of holes along northeast and northwest lines, across the prominent lead range north of the shaft, presumably as an attempt to locate a sulfide source of the smithsonite found on the surface. It is recommended that the first northeast string of holes north of the shaft be extended beyond the eastern edge of the range, and from that point a northwest string of holes be drilled across the range. Also a short string could be drilled southeastward from the vicinity of the shaft (pl. 1). This recommended pattern would give a better cross sectional picture of the range and more information near the shaft.

This property probably contains enough evidence of mineralization to justify some exploration. However, it would be largely of wildcat nature and if the first few holes do not show interesting mineralization the project should be discontinued.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



INDEX MAP SHOWING LOCATION OF IOWA COUNTY, WISCONSIN

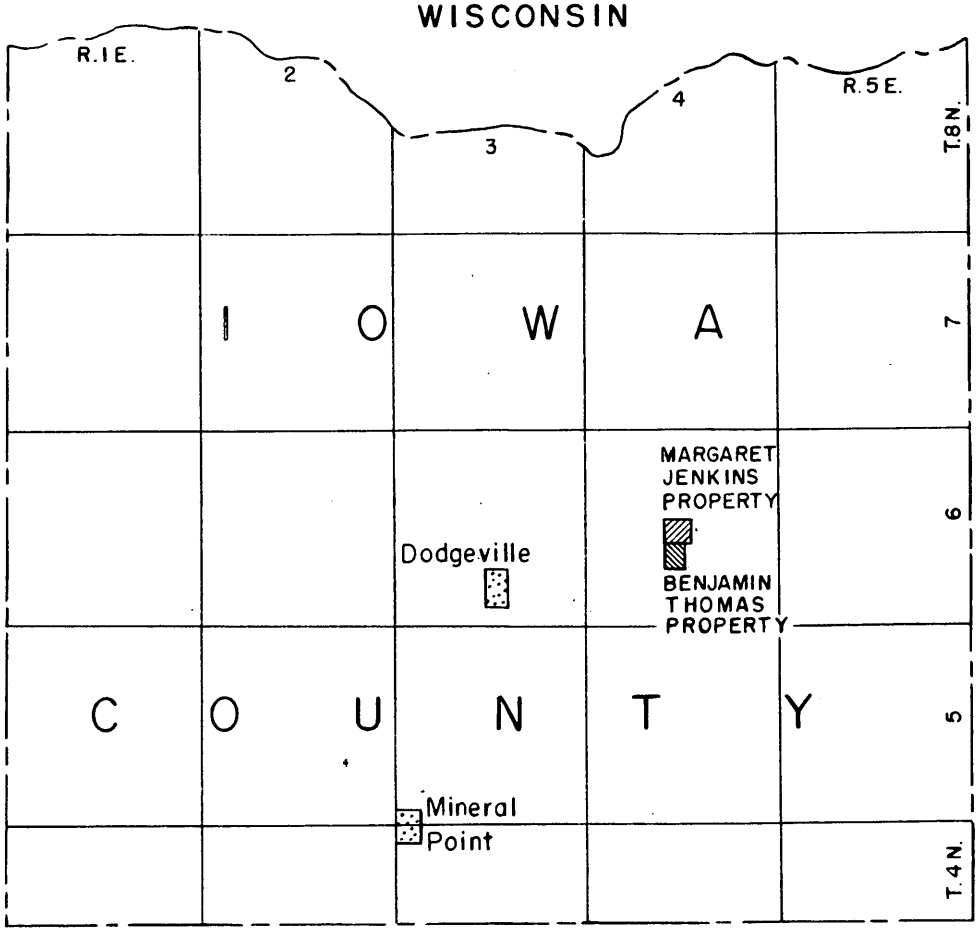


Figure 1. INDEX MAP OF IOWA COUNTY, WISCONSIN SHOWING LOCATION OF THE JENKINS AND THOMAS PROPERTIES

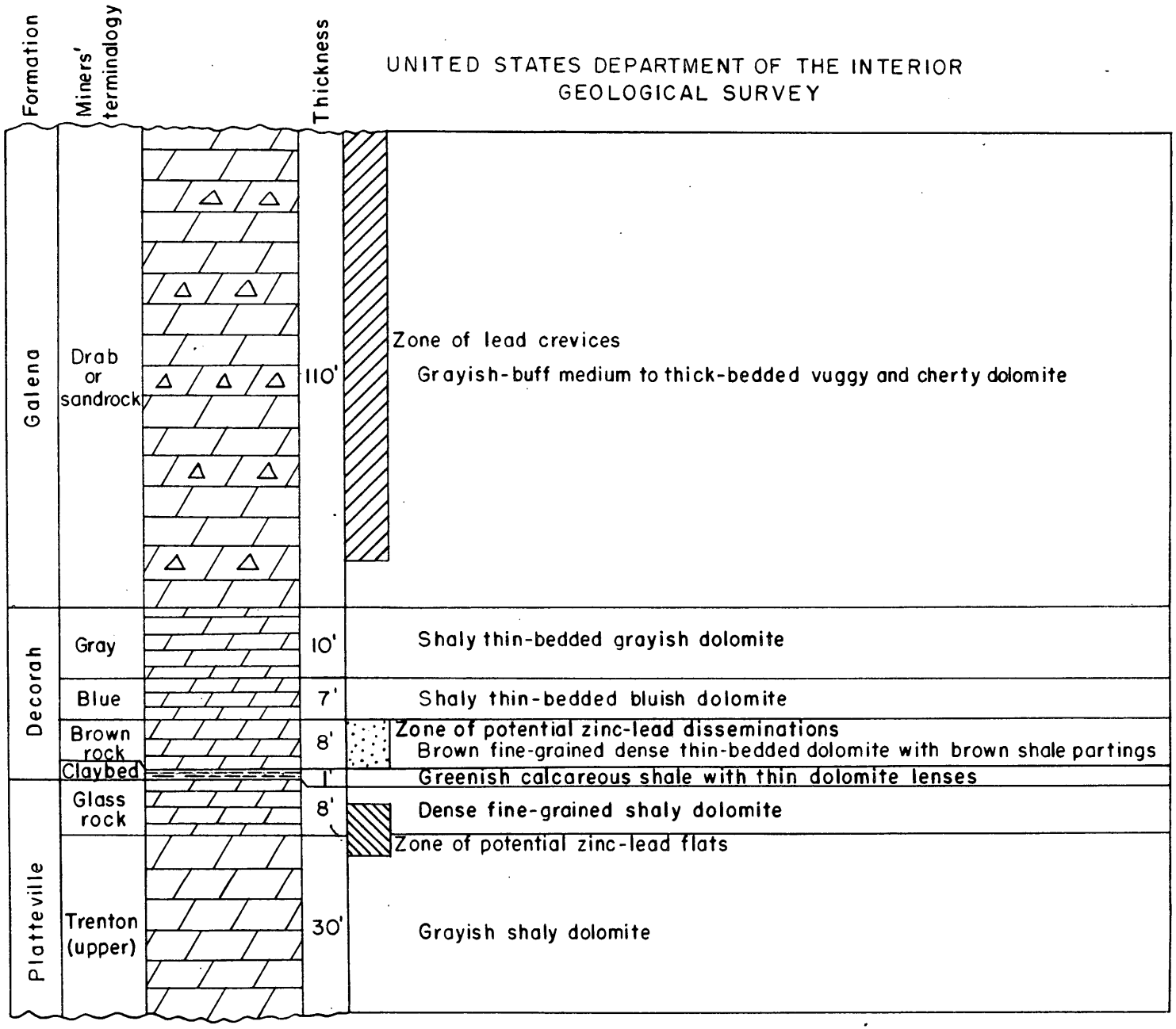


Figure 2. Stratigraphic section of the Porter's Grove, Wisconsin area showing productive zone of lead crevices and zones of potential zinc-lead flats and disseminations.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
2908 Colfax Avenue South
Minneapolis 8, Minnesota

June 28, 1951

Memorandum:

To: Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, Interior Building, Washington 25, D. C.

From: Executive Officer - DMA Field Team, Region V

Subject: DMA Docket No. 1351-X
Dodgeville Mining Company
Dodgeville, Wisconsin

Returned is the subject docket data together with four copies of the field team's report on the investigation.

Although the geological appraisal statement is embodied in the attached report, the formal report on geology is being prepared and will be forwarded in the next few days. The reason for this is to get the reports in to Washington before the June 30th deadline. In the future the full report will be assembled before transmitting.

A. B. Needham

Enclosures:

A. B. Needham

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LANDON F. STROBEL
Executive Secretary

JUL 2 1951

FILE COPY
SURNAME:

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

Heyl
akell
McKnight
Strobel
Mote
McKnight for Rove
Moore

Re: Docket DMA-1351X

JUN 21 1951

Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Gentlemen:

Your application (Docket DMA-1351X) for a Government loan under the provisions of the Defense Production Act of 1950 has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration. Before final decision can be taken on your request it will be necessary to obtain additional information on your property. Your application, therefore, has been referred to Mr. A. B. Needham, Executive Officer of the Field Team, 2908 Colfax Avenue, South, Minneapolis 8, Minnesota, for further information and advice.

Very truly yours,

Tom Lyon, Director
Supply Division

AVHeyl:emp
G 6/15/51
Copies to: A. B. Needham Region V (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

Dec 1951

DEPARTMENT OF INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

JUN 21 1951

Mr. A. B. Needham
Executive Officer, DMA Field Team
Region V
2908 Colfax Avenue, South
Minneapolis 8, Minnesota

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. 1351 X

Commodity Zinc-lead

Applicant Dodgeville Mining Company

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Tom Lyon

Tom Lyon, Chairman
Coordinating Committee

Walker

Lowell B. Moon
For Bureau of Mines

Edwin T. McKnight
For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1351 X

Commodity Zinc-lead

Total Amount $ 7,500

Govt. Participation $ 3,750

1. Name and Address of Applicant Dodgeville Mining Company, 924 Gay Building, Madison 3, Wisconsin

2. Location of Property Margaret Jenkins lease, NW 1/4, Sec. 21, that part to the NW 1/4 of Sec. 22 that lies NW of U.S. Highway 18, together with a certain parcel of land located in the NE 1/4, SE 1/4 Sec. 21, containing 6.13 acres all in T. 6 N., R. 4 E., Iowa County, Wisconsin

3. Mineral or metal Zinc, lead Is it listed in Section 9 of MO-5? Yes

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

c) None

d) Don't know—needs field examination Yes

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

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

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

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

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? Yes

b) MF-202 Yes

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

a) Available manpower Yes

b) Equipment and supplies Don't know. If others of their proposals are approved will they be able to obtain enough drills to complete this one?
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Don't know

e) Power (question 13)* Don't know

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

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

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No, Needs field check

If not, are there sufficient data given so that you can describe the project? No 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? Yes

If not, what part of it is?

Is this part a worthwhile exploration project? Probably, but not certain

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? Field check required

f) Should more information be requested from applicant? Yes

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

11. Exhibit B (question 23-d)*

a) Is it applicable? No

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? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? Field check required

d) Is a field check needed? Yes

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

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Field check required

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

d) Are the proposed wages and salaries reasonable? Contract work

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

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

(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? On the basis of the information given this proposal seems justifiable but probably the amount of drill holes planned should be reduced by one-half Very little information is presented on the details of the proposed program and itemized costs. Can a more definite and specific, exploratory program be formulated on a sound geological basis from the older drill holes on the Thomas property to the south, the location of the old lead range, the zinc carborate occurrence, and the general geology? Is the property worth the full 60 more or less drill holes they propose or can this be reduced by a more careful plan? Also can you obtain from them more detailed itemized cost estimates?

Reviewed by: A.V. Heyl GS

G.A. Apell BM

Date 6/15/51

97692

FILE COPY
SURNAME:

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

June 13, 1951

Mr. James McDonald,
General Partner
Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Subject: DMA-1351X
Re: Exploration Loan -
Margaret Jenkin Lease

My dear Mr. McDonald:

Receipt is acknowledged of your application and attachments of May 24, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1351X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on May 31, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1351X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
✓File
Herres
Lyon

DODGEVILLE MINING COMPANY
DODGEVILLE, WISCONSIN

MADISON OFFICE:
924 GAY BUILDING
MADISON 3, WISCONSIN

May 24, 1951

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

Gentlemen:

We are enclosing herewith four copies of Form MF-103 for application for aid for an exploration project pursuant to Mineral Order No. 5 under Defense Production Act of 1950, covering each of the following leases:

1. Margaret Jenkin lease, Porter's Grove, Iowa County, Wisconsin. - Dma-1351 X

2. Benjamin Thomas lease, Porter's Grove, Iowa County, Wisconsin. - Dma-1352 X

Very truly yours,

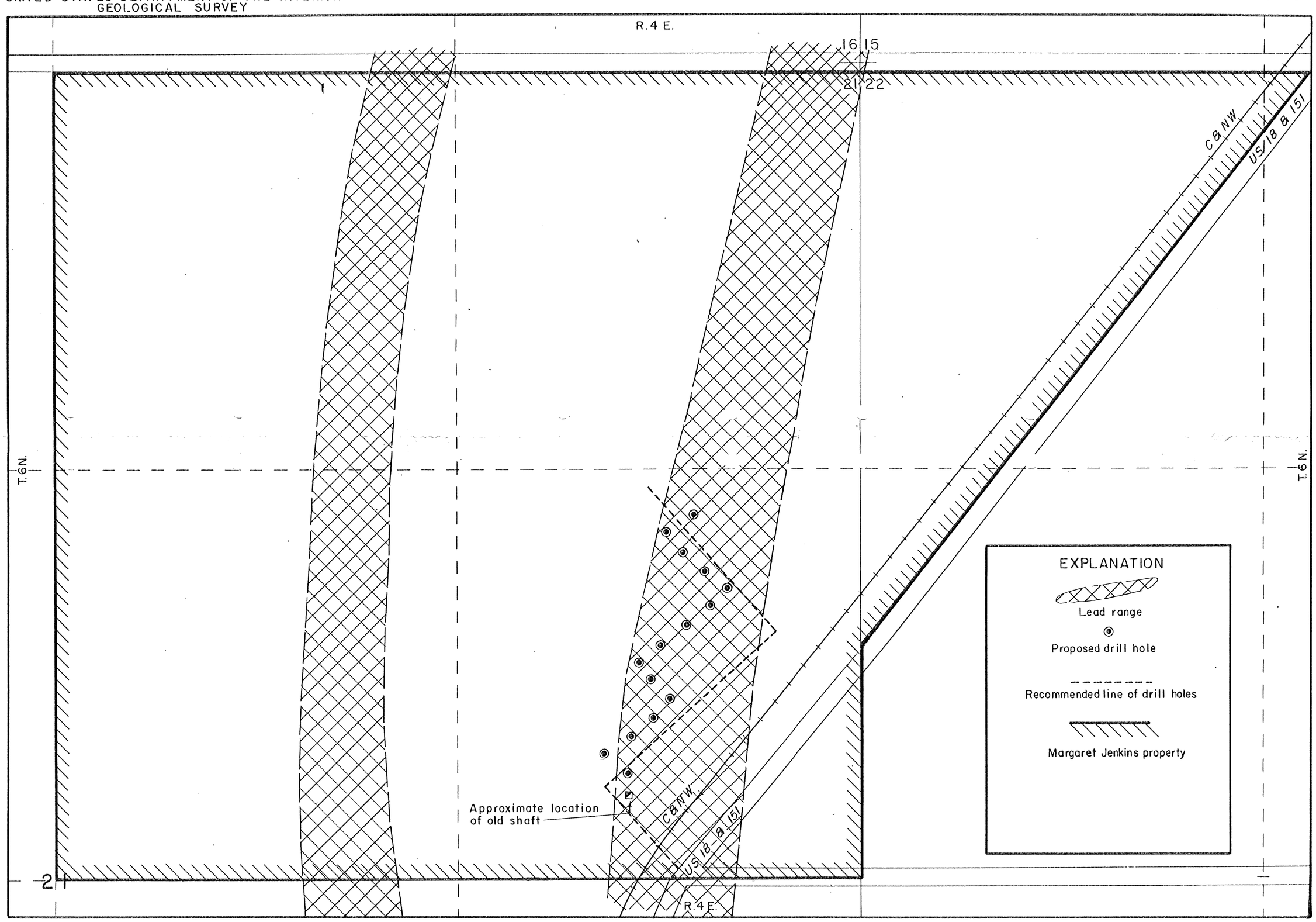
DODGEVILLE MINING COMPANY

By: James J. McDonald

JJMcD:L

Enc.

JUN 1 1951



MAP SHOWING THE MARGARET JENKINS PROPERTY NEAR DODGEVILLE

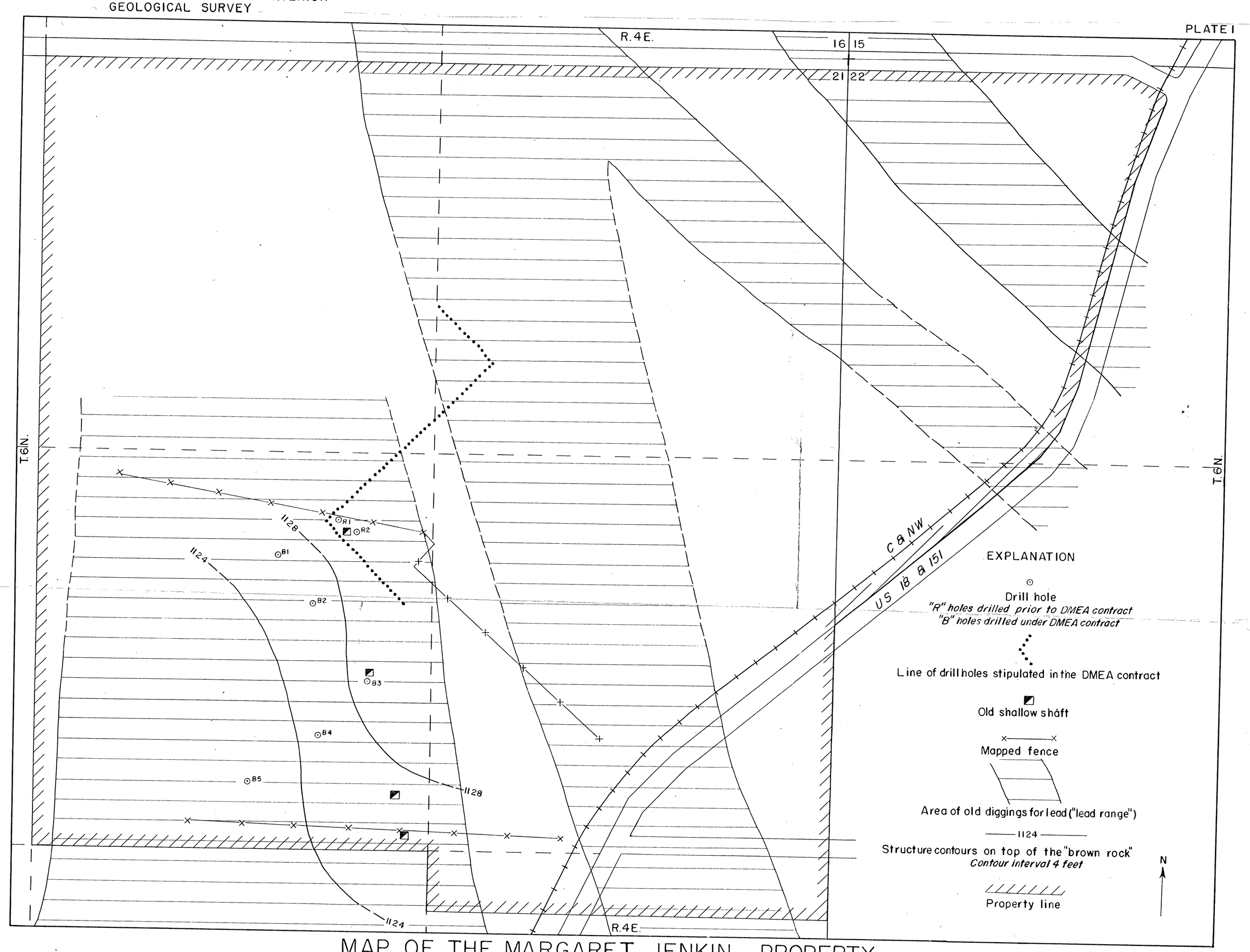
IOWA COUNTY, WISCONSIN

200 0 200 400 600 Feet

SCALE

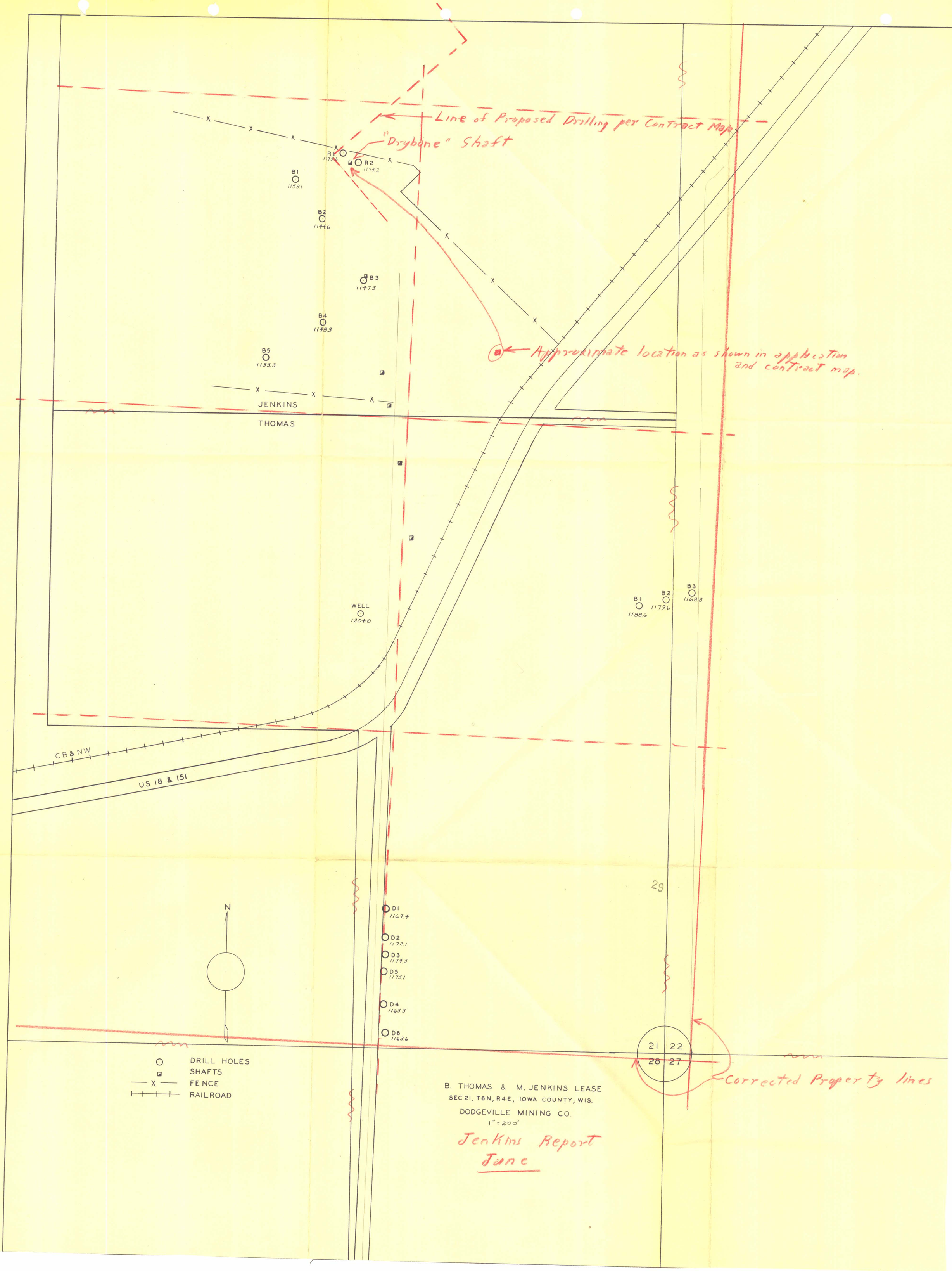
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

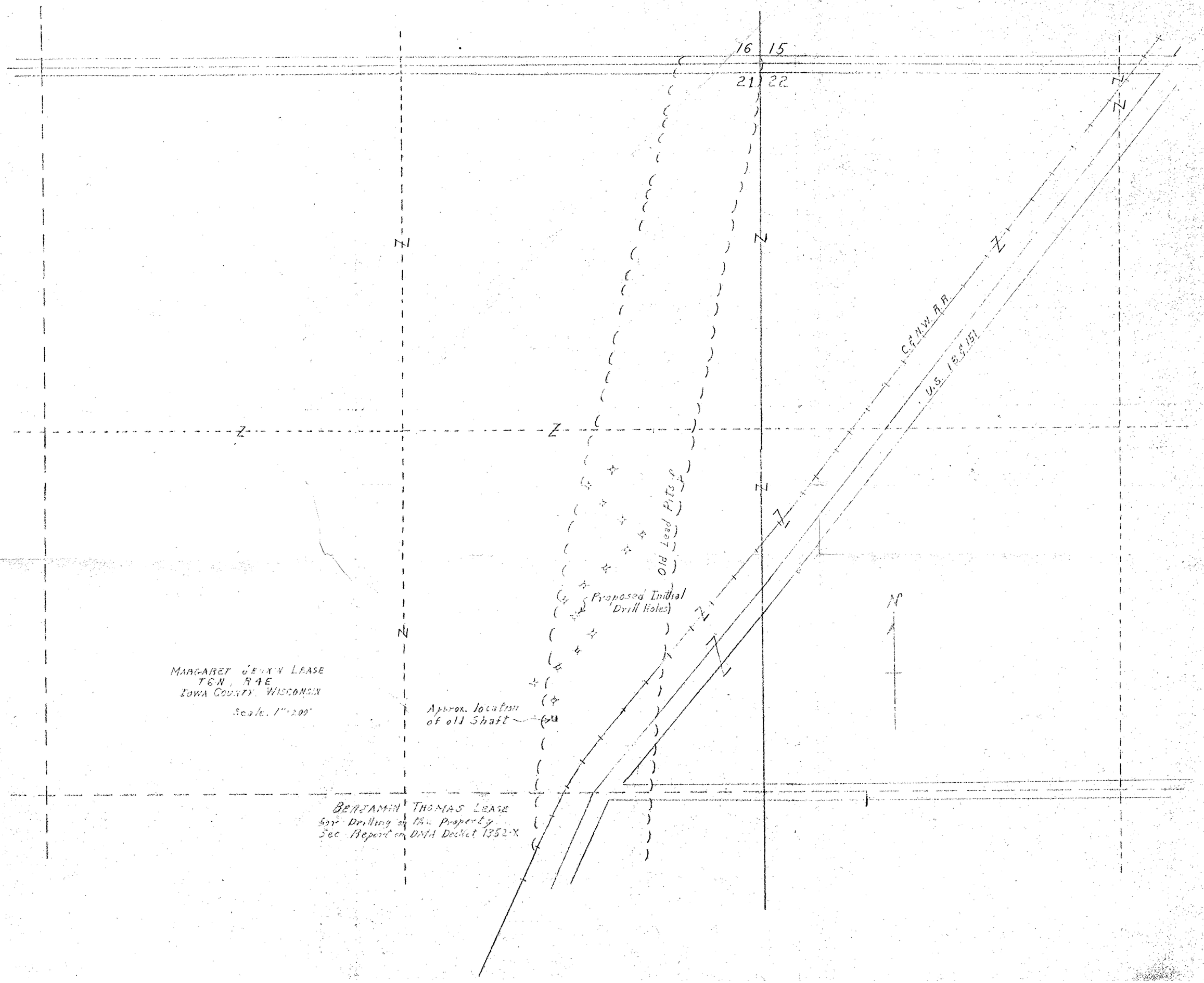
PLATE I



MAP OF THE MARGARET JENKIN PROPERTY
SHOWING DRILL HOLES AND STRUCTURE CONTOURS
PORTER'S GROVE AREA, IOWA COUNTY, WISCONSIN

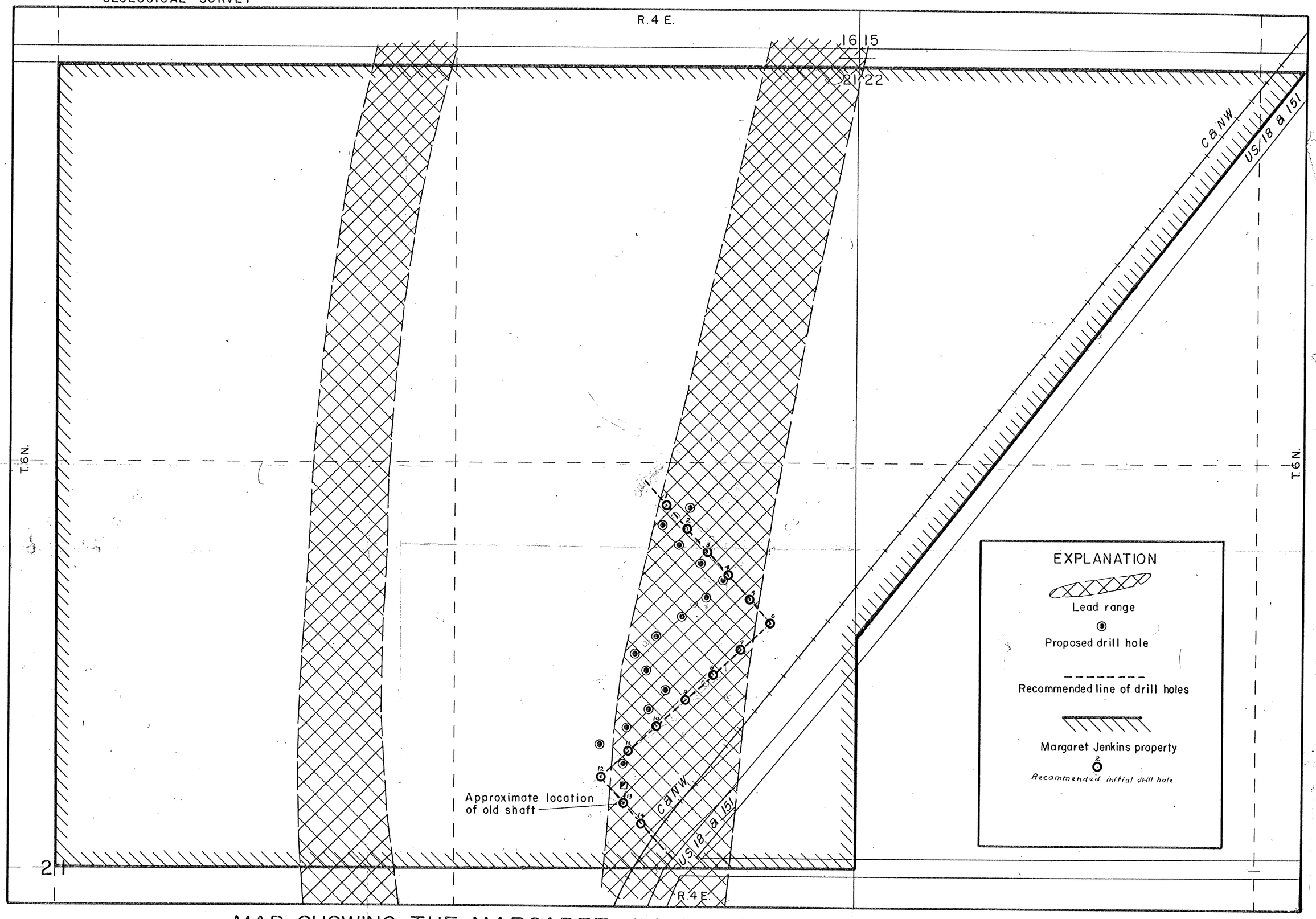
0 200 400 600 Feet
SCALE


Line of Proposed Drilling per Contract Map
"Drybone" Shaft
R1
11792
R2
11742
B1
11591
B2
11446
B3
11475
B4
11483
B5
11353
Approximate location as shown in application and contract map.
JENKINS
THOMAS
WELL
12040
B1
1188.6
B2
11796
B3
1168.8
CB&NW
US 18 & 151
29
N
D1
1167.4
D2
1172.1
D3
1174.5
D5
1175.1
D4
1165.5
D6
1163.6
21
22
28
27
Corrected Property lines
DRILL HOLES
SHAFTS
FENCE
RAILROAD
B. THOMAS & M. JENKINS LEASE
SEC 21, T6N, R4E, IOWA COUNTY, WIS.
DODGEVILLE MINING CO.
1" = 200'
Jenkins Report
June


16
15
21
22
C. & N.W. R.R.
U.S. 151
Old Lead Pits
Proposed Initial Drill Holes
N
MARGARET JENNY LEASE
T6N, R4E
IOWA COUNTY, WISCONSIN
Scale. 1" = 200'
Approx. location of old Shaft
BENJAMIN THOMAS LEASE
for Drilling on this Property
See Report on DNR Docket 1352-X

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLATE I



MAP SHOWING THE MARGARET JENKINS PROPERTY NEAR DODGEVILLE
IOWA COUNTY, WISCONSIN

200 0 200 400 600 Feet
SCALE