UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (~~or cancelled~~) without certification. DMEA No. 1352

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 0

Operator's Monthly Reports in folder number 0

gla
Reviewer's Initials

7973

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, Wisconsin

pertaining to Exploration Project Contract No. Idm-E183, Docket No. DMA-1352X, 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;
(c) the major portion ($483.75) of the costs covered 387 feet of drilling under an approved subcontract at the 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		$ 614.67
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$ 614.67

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 Three hundred seven and 33/100 Dollars

— $307.33 —

is considered valid and proper.

February 19, 1953

E. R. Talbot
Auditor

Wash

GOVERNMENT COPY

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-E 183, Docket No. DMEA-1352, dated October 16, 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 O B Wickham
Executive Officer, DMEA Field Team, Reg. V

DODGEVILLE MINING COMPANY
(Operator)

By James J. McDonald
General Partner

18262-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 10 1952

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

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.

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

Attachments

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

11-10-52

A M E N D M E N T
to
Docket DMA-1352x, Contract Idm-E183

Contract Idm-E183, Docket DMA-1352x, 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 90 days to within 9 months, and completion from within a period of 12 months to 15 months, making the starting date on or before July 2, 1952, and completion date by January 2, 1953.

2. Exhibit "A", Stage "A" - The following clause is to be included as a third paragraph: "Should ore of a minable grade on the then existing ore market be found in any of the said holes prior to completion of all drilling, then, in that event, the operator 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 to other hole locations approved by a field representative of the D.M.E.A.

3. Exhibit "A", Stage "A" - The cost per foot of drilling is increased from $1.00 to $1.25, which means the stated footage of not to exceed 5,485 feet will be considerably less, so as not to exceed total cost of 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

MP 200
(June 1951)

Docket No. DMA 1352X
Commodity Lead-Zinc

Idm-E183

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 16th 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] The Dodgeville Mining Company, a limited partnership consisting of C. W. Singer and James J. McDonald, 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] the Benjamin Thomas lease, being the E½ SE¼, NW¼ SE¼, Sec. 21, and the NE¼ NE¼ Section 28 all in T. 6 N., R. 4 E. It covers part of the old Porters Grove lead diggings which are about 5.5 miles east of Dodgeville, Wisconsin.

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

(*a*) ~~That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:~~

(*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 Ninety (90) days from the date of this contract shall commence work on a project of exploration for [5] Lead and Zinc; 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] 12 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.

THE UNITED STATES OF AMERICA

By C. O. Mettendorf
Director, Production Expansion Division
Defense Minerals Administration

Dodgeville Mining Company
(Operator)

By C. W. Singer, Partner

By James J. McDonald, Partner

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

The Dodgeville Mining Company Property
Exploration Project Contract
The Benjamin Thomas Leased Property (part of the old Porter's Grove Lead Diggings)

Exhibit "A"

Exploration Project.

Time Schedule
Month

Stage "A"*

1. To churn drill a limited number of holes, ranging from 100 to 150 feet or so in depth, to prove the potential ore zone at the contact between the "Glass Rock" and "Trenton" members of the Platteville formation. The aggregate drilling is not to exceed 5,485 feet. The initial holes, 20 as a maximum, are to be drilled in two areas as shown on the attached map. Should no significant mineralization values, in the opinion of the Government, be encountered during the initial phase of the drilling, the Operator will be agreeable to terminate the drilling program. Copies of all assay certificates and drill hole logs shall be submitted to the Government on completion of each hole.

   If the initial drilling discloses economic values in the opinion of the Government, the exact locations of the balance of the holes will be determined by the Operator upon the basis of the results of the drilling, subject to approval by the Government.

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

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

Stage "A"

1.	To churn drill 5,485 feet of hole @ $1.00 per foot.	$5,485.00
2.	Assays at $2.00 per assay	140.00
3.	Supervision, engineering, transportation, sample preparation and miscellaneous estimated @ $0.342 per foot or 25 percent of the total cost.	1,875.00
	Total	$7,500.00

Summary of Estimated Expenditures.

1.	Stage "A"	$7,500.00

2. Fixtures and improvements	---------
3. Operating equipment	---------
4. Labor and supervision	---------
5. Rehabilitation and repairs	---------
	$7,500.00
Government participation one half of above or	$3,750.00

Fixtures and Improvements.

None required.

Operating Equipment.

None, as work is to be contracted

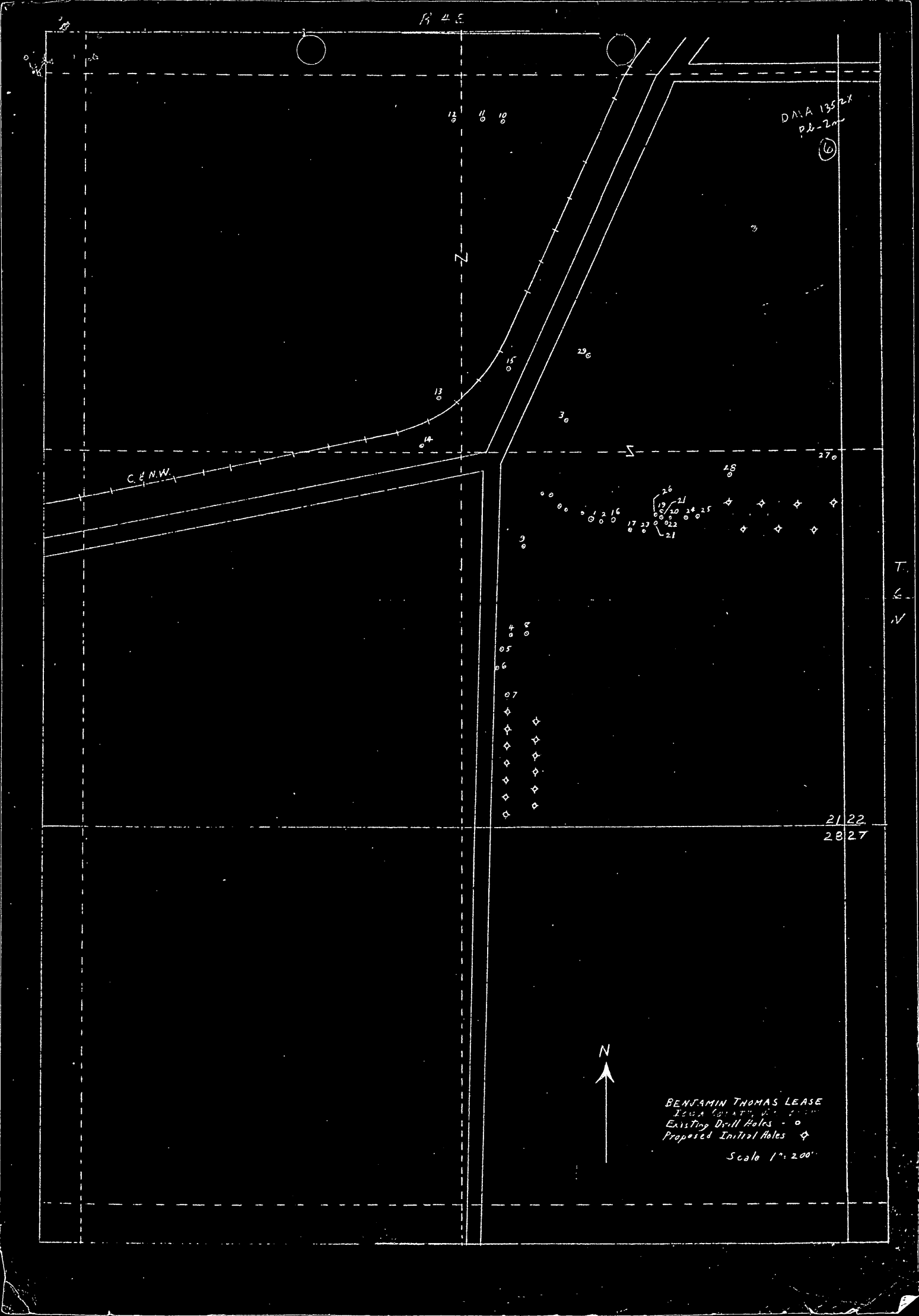
Labor and Supervision.

1 - Mining Engineer @ $500.00 per month for time actually employed on this project.

The engineer will do the necessary surface mapping, log the holes, prepare the samples, etc.

Rehabilitation and Repairs.

None


DMA 13512X
pb-2m
6
C. & N.W.
N
BENJAMIN THOMAS LEASE
Existing Drill Holes - o
Proposed Initial Holes
Scale 1" = 200'
2122
2827

MF-202

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

Benjamin Thomas Lease
Exploration Loan
D.M.A. 1352X

OCT 17 1 44 PM '51

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Iowa, State of Wisconsin, described in a certain Exploration Project Contract dated October 16th, 1951, between Dodgeville Mining Company, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated June 23, 1947, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 18 day of OCT, 1951

Benjamin Thomas
Delma Thomas

U. S. GOVERNMENT PRINTING OFFICE 940768

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget 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-1352X

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

Benjamin Thomas leade

Date of filing MF-100 May 15, 1951.

DMA Docket Number, if available DMA-1352X

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)? $5750.00. 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

JUN 1 1951

5

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.

MAY 28 9 03 AM '51
COMPTROLLER
DEFENSE ELECTRIC POWER ADMIN.

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

C O P Y

MINING AND MILLING LEASE

On this 23rd day of June, 1947, Benjamin Thomas and Delma Thomas, his wife, 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, covenants 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 east half of the Southeast Quarter (E½ SE¼) and the Northwest Quarter of the Southeast Quarter (NW¼ SE¼) of Section Number Twenty-one (21), and the Northeast Quarter of the Northeast Quarter (NE¼ NE¼) of Section Number Twenty-eight (28), all in Township Number Six (6) North, Range Number Four (4) East, Iowa County, Wisconsin.

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

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 land, 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 strikes, delay of carriers, breakage of machinery and any other causes beyond the control of the Company. It is understood that drilling operations shall constitute mining operations.

Company shall have the right of sinking necessary shafts but not less than 300 feet from any farm building, and erecting or installing all 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.

Company has the option of paying Twenty-five Dollars per month in lieu of the working conditions of this lease, the same to be deducted from the first royalty due from the sale of ores. Said payment shall be considered the same as though work had been done. Such monthly payments, however, are not required prior to July 1, 1948, provided Company commences operations prior to ninety days from date hereof.

Exhibit A -

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 ore is treated 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.

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

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.

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 such milling of ores does not include ores mined from the above described premises Company will pay Owner for such milling privilege Fifty ($50.00) Dollars per month.

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.

Whenever the East St. Louis market price of zinc shall fall below seven and one-half cents per pound, Company may discontinue work under this lease until the price equals or exceeds seven and one-half cents per pound. During such interrupted operations from said cause, advance royalty as provided for herein shall not be paid.

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.

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.

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.

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.

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.

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:

/s/ Charles W. Singer Jr.

/s/ Mary Lutschinger

/s/ Benjamin Thomas (Seal)

/s/ Delma Thomas (Seal)

DODGEVILLE MINING COMPANY

By: /s/ C. W. Singer (Seal)

STATE OF WISCONSIN)
) SS.
County of Iowa)

I, Mary Lutschinger, Notary Public, Dane County, Wisconsin, do hereby certify that Benjamin Thomas and Delma Thomas, his wife, 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 comm. expires: 4-23-50

EXHIBIT B

(Benjamin Thomas 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 Benjamin Thomas 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.

[illegible]

[illegible]

[illegible]

EXHIBIT B, (Benjamin Thomas 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. 28. 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 Wakefield 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 old diggings at Porter's Grove cover roughly the area shown on Exhibit C and on the property covered in the Benjamin Thomas lease we drilled 33 holes in the years of 1947 and 1948. 28 of these holes were used in cross-cutting the old diggings as shown by the line B--C on Exhibit C, and 5 of the holes were used in cross-cutting the old diggings as shown by the line D--F as shown in said Exhibit C. In this project we spent approximately $3200.00. The holes averaged 85 feet in depth and although the drillings showed signs of both lead and zinc the ore was not

EXHIBIT C, (Benjamin Thomas Lease), continued:

"Perkey's Grove Diggings.

These mines are situated in Town 5, range 4 east. At present the following mines are in operation:

Union Mine, Wm. Handy & Co., situated on the N.E. qr. of the N.W. qr. of Sec. 28. The ore produced is lead, and in scattering deposits, at a depth of 40 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.

Hardesty Mine, Wm. Handy & Co. Situated on the S.E. qr. of the S.W. 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 lode. 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.	Hardesty Mine.
1872	300,000 lbs.	44,000 lbs.
1873	35,000 "	45,000 "
1874	11,000 "	22,000 "
1875	35,000 "	24,000 "
1876 to Oct. 1st	22,000 "	17,000 "

Frank, Russell & Co. S.E. qr. of N.W. qr. of Sec. 28. These parties commenced working on the Sheffield range in Oct., 1875. Previous to this time it had not been worked for twenty years. Most of the workings are at a depth of 25 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, was about 15,000 lbs.

Other parties mining in this vicinity are Jobs and Burrus Gault, of Richwood, producing lead ore."

The old diggings at Perkey's Grove cover roughly the area shown on Exhibit A and on the property covered by the Benjamin Thomas Lease we drilled 33 holes in the years of 1945 and 1946. 28 of these holes are marked X, cross-cutting the old diggings as shown by the line E--C on Exhibit C, and 5 of the holes were used in cross-cutting the old diggings as shown by the line D--E as shown in said Exhibit C. In this project we spent approximately $2,300.00. The holes averaged 25 feet in depth and although the drillings showed signs of both lead and zinc the ore did not

EXHIBIT B, (Benjamin Thomas Lease), continued:

sufficiently rich to justify mining operations.

In our new operations we expect to cross-cut the old diggings at several places and also to drill parallel to the old diggings. We should discover lead and zinc below the glass rock, the zinc averaging about 8 ton of 60% to about 1 ton of 80% lead.

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.

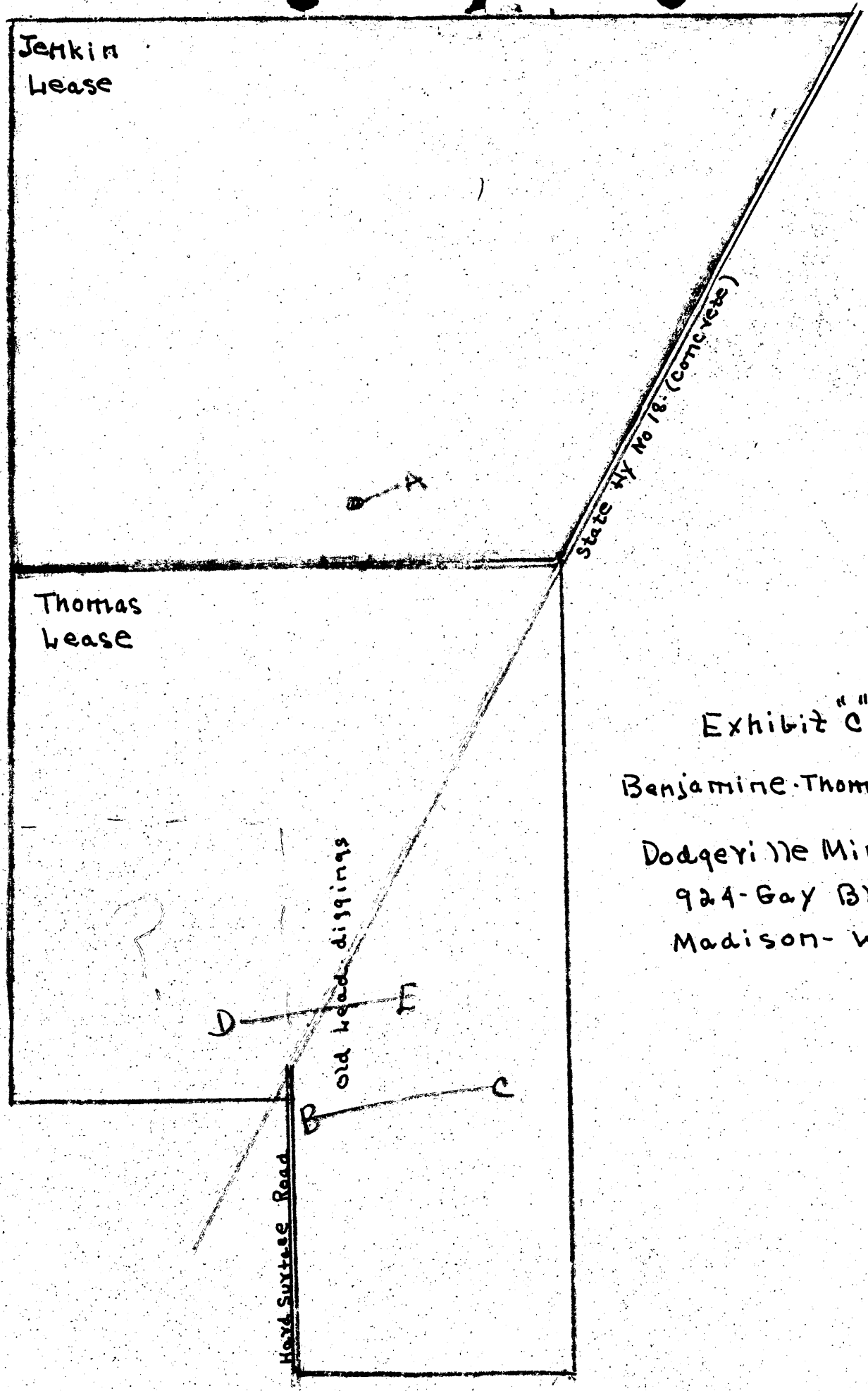


Exhibit "C"

Benjamine-Thomas-Lease

Dodgeville Mining Co
924-Gay Bldg.
Madison-Wis.

Form MF-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.

Thomas lease.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1952 Docket No. DMEA 1352X Contract No. Idm 183
Operator's Name Dodgeville Mining Company Minerals Zinc & Lead
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	483.75		483.75	483.75		483.75
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision	91.14		91.14	91.14		91.14
Technical Services	~~17.52~~ 27.50		~~17.52~~ 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	12.28		12.28	12.28		12.28
(8) Contingencies (specify):						
Totals	~~604.69~~ 614.67		~~604.69~~ 614.67	614.67		614.67

RECEIVED OCT 23 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:

$ 307.33 H6

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-183 in accordance with the terms of the contract.

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature O B Wickham Title Ex Dir Date OCT 29 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.

Thomas Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1952 Docket No. DMEA 1352X Contract No. DM 183
Operator's Name Dodgeville Mining Company Minerals Zinc & Lead
Address 924 Gay Building, 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		614.67		614.67		1.588		
Churn Foot	387	~~604.69~~	387	~~604.69~~	387	~~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								7500.00

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, 1952 Operator Dodgeville Mining Company

Per James McDonald Title General Partner

Remarks:

→ 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)

(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

Amended
~~Supplementary~~ Report

Benjamin Thomas Lease
D.M.A. 1352X
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~~ Amended 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

WORK PROGRESS REPORT

Docket 1352

Month June (Amended) 1952

Contract Idm E-183

Company Dodgeville Mining Co.

Property Thomas

DRILLING - The following holes were completed this period:

Lease	Hole	Date started	Date completed	Depth
Thomas	*B-1	6/11/52	6/14/52	90
"	**B-2	6/16/52	6/17/52	79
"	**B-3	6/18/52	6/19/52	65
"	D-1	6/ 6/52	6/10/52	76
"	*D-2	6/10/52	6/11/52	80
"	D-3	6/13/52	6/16/52	82
"	D-4	6/17/52	6/18/52	73
"	D-5	6/19/52	6/24/52	84
"	D-6	6/24/52	6/26/52	72

*Disallowed because hole did not penetrate to the "Trenton horizon.

**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)(~~accrued~~) footage this period 387 To date 387
scratch one

**Does not include Holes B-1,D-2, B-2 and B-3.

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 $ 614.67, 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 Thomas HOLE NO. B-1

LOCATION OF HOLE 300 ft. South & 100 ft. east of that point south of the windmill

			REMARKS
0	TO 10	CLAY	
10	TO 50	SAND ROCK	
50	TO 60	GRAY LIME	
60	TO 67	BLUE LIME	
67	TO 77	BROWN ROCK	Chance of zinc
77	TO 87	GLASS ROCK	opening with heavy water from ~~[illegible]~~ 85-87.
87	TO 90		Heavy water washed cuttings away. Glass rock was soft & red color and caved after the opening.
	TO		
	TO		
	TO		
	TO		
	TO		

TOTAL DEPTH OF HOLE 90 ft. ; DEPTH WATER STRUCK 50 ft. ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED June 11 1952 ; DATE FIN. June 14 1952

LABOR 24.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

Report ~~Feb~~ - June

SIGNED Lester Baker

DATE _____

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Thomas HOLE NO. B-2

LOCATION OF HOLE 125 ft. east of B-1

REMARKS

0 TO 10 CLAY

10 TO 40 SAND ROCK

40 TO 50 GRAY LIME

50 TO 57 BLUE LIME

57 TO 67 BROWN ROCK

67 TO 77 GLASS ROCK Blank.

77 TO 79 Trenton lime

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE 79 ft. ; DEPTH WATER STRUCK 45 ft. ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED June 16 195 2 ; DATE FIN. June 17 195 2

LABOR 24.00

ASSAY REPORT

ZINC LEAD SULPHUR

SIGNED Lester Baker

DATE

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Thomas HOLE NO. B-3

LOCATION OF HOLE 125 ft. east of B-2

REMARKS

0 TO 10 CLAY

10 TO 26 SAND ROCK

26 TO 36 GRAY LIME

36 TO 43 BLUE LIME

43 TO 53 BROWN ROCK

53 TO 63 GLASS ROCK

63 TO 65 Trenton lime

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE 65 ft. ; DEPTH WATER STRUCK 35 ft.;

TYPE OF WATER - HEAVY ☐ MEDIUM ☐ WEAK ☒

DATE STARTED June 18 1952 ; DATE FIN. June 19 1952

LABOR 24.00

ASSAY REPORT

ZINC LEAD SULPHUR

SIGNED Lester Baker

DATE

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Bonnie Thomas HOLE NO. D-1

LOCATION OF HOLE 100' S. of B-3 fence along W-S road

REMARKS

0	TO	6	CLAY
6	TO	33	SAND ROCK
33	TO	43	GRAY LIME
43	TO	56	BLUE LIME
56	TO	64	BROWN ROCK
64	TO	74	GLASS ROCK
74	TO	76	Trenton lime
	TO		
	TO		
	TO		
	TO		
	TO		

Blank

TOTAL DEPTH OF HOLE 76 ; DEPTH WATER STRUCK 30 ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED 6-6 1952 ; DATE FIN. 6-10 1952

LABOR 80.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Dalon Richard

DATE 6-10-52

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Bennie Thomas HOLE NO. D-2

LOCATION OF HOLE 100 ft. South of hole D-1

REMARKS

0 TO 10 CLAY

10 TO 42 SAND ROCK

42 TO 52 GRAY LIME

52 TO 60 BLUE LIME

60 TO 68 BROWN ROCK

68 TO 78 GLASS ROCK

78 TO 80 Trenton lime

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE 80 ; DEPTH WATER STRUCK 25 ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED 6-10 1952 ; DATE FIN. 6-11 1952

LABOR 20.00

ASSAY REPORT

ZINC LEAD SULPHUR

SIGNED Dalon Richard

DATE 6-11-52

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Bonnie Thomas HOLE NO. D-3

LOCATION OF HOLE 120 ft. South of hole No. D-2

			REMARKS
0	TO 4	CLAY	
4	TO 46	SAND ROCK	Few shines of zinc under glass rock
46	TO 56	GRAY LIME	
56	TO 62	BLUE LIME	
62	TO 70	BROWN ROCK	
70	TO 80	GLASS ROCK	
80	TO 82	Trenton lime	
	TO		
	TO		
	TO		
	TO		
	TO		

TOTAL DEPTH OF HOLE 82 ; DEPTH WATER STRUCK 25 ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED 6-13 1952 ; DATE FIN. 6-16 1952

LABOR 30.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Dalen Rickard

DATE 6-16-52

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME B. Thomas HOLE NO. D-4

LOCATION OF HOLE 120 ft. South of hole No. D-3

REMARKS

0	TO	7	CLAY
7	TO	36	SAND ROCK
36	TO	46	GRAY LIME
46	TO	54	BLUE LIME
54	TO	62	BROWN ROCK
62	TO	72	GLASS ROCK
72	TO	73	Trenton lime
	TO		
	TO		
	TO		
	TO		
	TO		

Blank

TOTAL DEPTH OF HOLE 73 ; DEPTH WATER STRUCK 25 ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED 6-17 195 2 ; DATE FIN. 6-18 195 2

LABOR 20.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Dalen Rickard

DATE 6-18-52

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME B. Thomas HOLE NO. D-3

LOCATION OF HOLE 60 ft. North of D-3

60 ft. South of D-2

REMARKS

0 TO 8 CLAY

8 TO 45 SAND ROCK Blank

45 TO 55 GRAY LIME

55 TO 63 BLUE LIME

63 TO 71 BROWN ROCK

71 TO 81 GLASS ROCK

81 TO 84 Trenton lime

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE 84 ; DEPTH WATER STRUCK 50 ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED 6-10 1952 ; DATE FIN. 6-24 1952

LABOR 20.00

ASSAY REPORT

ZINC LEAD SULPHUR

SIGNED Dolen Rickard

DATE 6-. 52

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME B. Thomas HOLE NO. D-6

LOCATION OF HOLE 120 ft. South of hole D-4

REMARKS

0 TO 8 CLAY

8 TO 34 SAND ROCK

34 TO 44 GRAY LIME

44 TO 52 BLUE LIME

52 TO 60 BROWN ROCK

60 TO 68 GLASS ROCK

68 TO 72 Trenton lime

Blank

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE 72 ; DEPTH WATER STRUCK 28 ;

TYPE OF WATER - HEAVY [X] MEDIUM [ ] WEAK [ ]

DATE STARTED 6-24 1952; DATE FIN. 6-26 1952

LABOR 30.00

ASSAY REPORT

ZINC LEAD SULPHUR

SIGNED Delon Rickard

DATE 6-26-52

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-1352X (Lead-Zinc)
   Contract No. Idm-E183
   Property: The Benjamin Lease
   Iowa County, Wisconsin

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

   Operator's Property Rights: Lessee
   Landlord's Subordination Agreement
   dated October 18, 1951.

2. Contract dated October 16, 1951. To complete - 12 months.

Work Authorized:

STAGE "A"

1.	To churn drill 5,485 feet of hole @ $1.00/ft.	$5,485.00
2.	70 Assays @ $2.00 per assay	140.00
3.	Supervision, engineering, transportation, sample preparation and miscellaneous, estimated @ $0.342 per foot or 25% of the total cost	1,875.00
	Total estimated cost	$7,500.00
	Government's participation @ 50%	$3,750.00

Work Completed:

387 feet of contract churn drilling @ $1.25	$ 483.75
Supervision	91.14
Technical Services	27.50
Transportation	12.28
Total cost	$ 614.67
Government's participation 50%	$ 307.33

Work was terminated by agreement signed October 29, 1952.

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

Total cost as billed by Contractor	$ 614.67
Exception - None	
Total accepted cost	$ 614.67
Government's participation @ 50%	$ 307.33

4. Certification of Discovery - None issued.

There are no ore reserves.

5. Comments

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. The geologic probabilities of ore existing in the unexplored portions of the lease have not necessarily been decreased by virtue of the negative results encountered in the area that was drilled under the contract. As the drilling did not disclose mineralization having any significant economic value, no certification of discovery was recommended.

Five holes were completed under the project and approved. The average depth of the holes was 77 feet. There were actually nine holes drilled but four of them were disallowed as they did not fulfill requirements. This drilling failed to discover lead or zinc ore, but small amounts of galena were found from the "drab" (dolomite of the Galena formation) into the top of the "Trenton" of the Platteville formation, and small amounts of sphalerite were found in the middle beds of the "gray" (gray dolomite of the Decorah) and from the top of the "blue" (blue dolomite of the Decorah)into the top of the "Trenton". The best concentration of sphalerite was in the "brown rock" of the Decorah and "glass rock" of the Platteville. A thorough exploration program might easily discover ore in this area.

Very little structural information is available in the Porter's Grove area. The Dodgeville Mining Co., has done considerable drilling in this area but their records have been very poorly kept and structure cannot be determined therefrom.

The zinc and lead minerals of this area occur in the Galena, Decorah, and the 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 produced from shallow diggings.

None of the drill cuttings contained enough mineral to warrant assaying.

WPK/er 5/24/55
Copy to: Docket
Base Metals
Chron.

W. P. Klugescheid

☒ Audited

☐ Certified

K[illegible]K ANALYSIS SHEET - DMEA PROJECT[illegible]

Analysis as of 12/8/54.
Incl. Voucher for June 1952

☒ Actual Cost

☐ Agreed Unit Costs

Name The Dodgeville Mining Co.

Docket No. DMEA 1352X

State Wisconsin

Commodity Lead-Zinc

Idm-E No. 183

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify) Churn	5,485'	$5,485.00	387'	$614.67	$614.67
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify) Assay, Supervision, Engineering		2,015.00			
Totals		$7,500.00		$614.67	$614.67

Prepared by A. P. Klugeerheid

500

FILE COPY
SURNAME:

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

MAY 25 1953

Original
Lafferty
Partin
Wallace

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

Re: Docket No. DMA 1352 (Lead-Zinc)
Benjamin Thomas Lease
Iowa County, Wisconsin
Contract No. Idm-E183

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, $614.67 was expended, 50 per cent of which, or $307.33, 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 (for)

Administrator

5-25-53

WRGriswold/hmj
(5/20/53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals Div.
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 12, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 14 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-1352x, Contract Idm E-183, Dodgeville Mining Co. Thomas Lease

Here are the original and three copies of the field team's Final Geological and Engineering Report on the subject project which indicates nothing of consequence was found and accordingly no certification is necessary.

The operator's report was sent in October 1952.

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

Attachments - 4

Reviewed by
DMEA OPERATING COMMITTEE
5-18-53
(date)

THE INTERIOR
Administration
MAY 14 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL GEOLOGICAL-ENGINEERING REPORT BY FIELD TEAM REGION V

DOCKET NO. D.M.E.A. 1352x
CONTRACT NO.: Idm-E183
COMMODITY: Zinc-Lead

Dodgeville Mining Company
B. Thomas Lease
Iowa County, Wisconsin

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

May 8, 1953

Reviewed by
DMEA OPERATING COMMITTEE
5-18-53
(date)

FINAL REPORT

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Plate 1. Map of the Benjamin Thomas property showing drill holes and structure contours - Porter's Grove Area, Iowa County, Wisconsin	

Location:

The exploration program was conducted on land about 5 miles East of the city of Dodgeville, Wisconsin. Approximately 160 acres of land contained in the Benjamin Thomas property was leased to the operator for inclusion under the contract. A detailed land description is as follows: E$\frac{1}{2}$ of the SE$\frac{1}{4}$ (except the north 6.13 acres), the NW$\frac{1}{4}$ of the SE$\frac{1}{4}$ of Section 21; also the NE$\frac{1}{4}$ of the NE$\frac{1}{4}$ of Section 28; 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 1352x, Idm E 183, dated October 16, 1951 for purposes of exploring for zinc and lead ores. The contract amount was for $7,500 with an estimated 5485 feet of churn drilling to be done at a contract price of $1.00 per foot. Other estimated expense was $140.00 for assaying, and $1875.00 for supervision, engineering, sample preparation, and miscellaneous. Government participation in the expenses was 50 percent. The Landlord's Subordination Agreement attached to the contract is dated October 18, 1951.

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 6, 1952 and the last hole completed was on June 24, 1952. Five holes with an average depth of 77 feet or a total of 387 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 map consisted of two rows containing a total of thirteen holes to the south, and seven holes to the east of previous drilling by the company during the 1947-48 period. Five of the holes to the south 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, contributed to the operator's decision for discontinuing 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-1, B-2, B-3, and D-2 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 either location or depth.

Plate 1 accompanying this report shows the location of the holes drilled both during and prior to the contract work. There is

also included a set of the logs for the holes accomplished under the contract 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	614.67
Government's share of the cost	307.33
Government's share unexpended	3,442.67

Items of Expense	Approved Expense	Cost per Foot
Contract Drilling	$ 483.75	$ 1.250
Supervision	91.14	.235
Technical services	27.50	.071
Transportation	12.28	.032
Total	$ 614.67	$ 1.588

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 twenty 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 Benjamin Thomas property, Iowa County, Wisconsin

W. A. Broughton

U. S. Geological Survey

Docket no.: DMEA 1352X

Contract no.: Idm E-183

Commodity: zinc-lead

Location of property

The Benjamin Thomas property is in the Porter's Grove area about 5½ miles east of Dodgeville, Wis. (fig. 1). The property includes the E½SE¼ (except the north 6.13 acres) and the NW¼SE¼ sec. 21 and the NE¼NE¼ sec. 28, all in T. 6 N., R. 4 E. (pl. 1).

Exploration

The Dodgeville Mining Co. drilled about 34 holes in the Thomas property in 1947 and 1948. Most of these holes were drilled in the northwestern part of the SE¼SE¼ sec. 21, and some of them were reported by the company to have shown "fair to good zinc". Nine holes were drilled in 1952 by the Dodgeville Mining Co. under DMEA contract E-183 as an attempt to locate zinc and lead ore down to the top beds of the "Trenton" (fig. 2). One group was to have been approximately where holes D1 through D6 were drilled (pl. 1). The second group was to have been drilled in the northeastern part of the SE¼SE¼ sec. 21 as an eastward continuation of the 1947-1948 drilling. Hole D2, in the first

group, was disallowed because it was not drilled deep enough to penetrate the potential ore zone at the top of the "Trenton". Holes B1 through B3 were presumably drilled by the company as a part of the second group of proposed holes, but as they were not located reasonably close to the designated area they were also disallowed for payment.

Owing to a lack of proper supervision and cooperation by the Dodgeville Mining Co. the contract was terminated without completion of the planned exploration program.

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 produced from shallow diggings. Miners' terms, subdividing the formations into members, are used in this report.

The recent drilling in the Benjamin Thomas property by the Dodgeville Mining Co. failed to discover zinc or lead ore, but small amounts of galena were found from the "drab" into the top of the "Trenton", and small amounts of sphalerite were found in the middle beds of the "gray" and from the top of the "blue" into the top of the "Trenton" (fig. 2). The best concentration of sphalerite (one-quarter of one percent zinc estimated) was in the "brown rock" and "glass rock".

Geologic structure

Very little detailed structural information is available in the Porter's Grove area. Although the Dodgeville Mining Co. has done considerable drilling in the area, the records have been poorly kept and in many cases the drill-hole information is inadequate for determining structure. Based on the meager information available, the Ordovician formations of the Thomas property appear to have been gently folded. The general trends of the folds appear to be north-south and east-west (pl. 1).

Elongate areas of old surface lead diggings and shallow shafts indicate the presence of lead "crevices" and "ranges" trending, in general, a few degrees west of north (pl. 1).

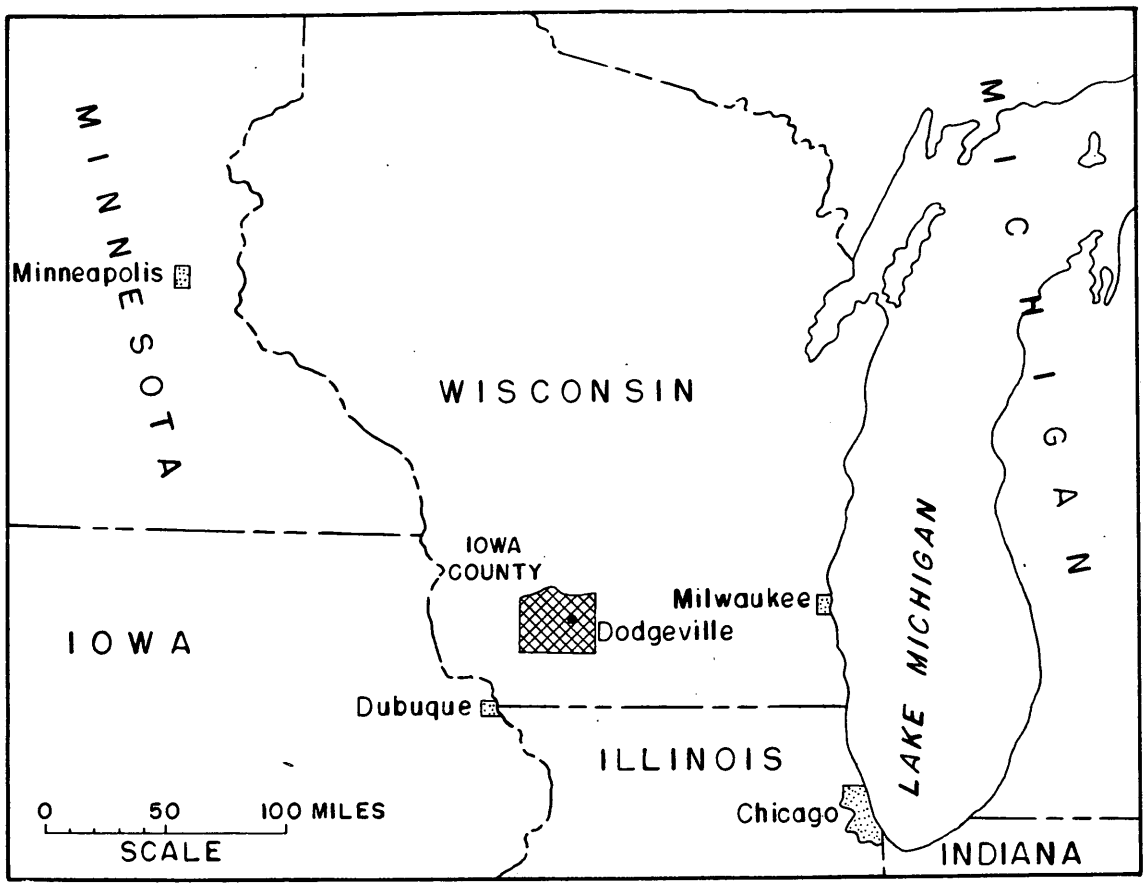
Results of exploration

All of the nine DMEA drill holes in the Thomas property show small amounts (up to one-half of one percent zinc or lead estimated) of sphalerite or galena (app. A, logs). Seven of the drill holes show small amounts of both ore minerals. Although none of the drill holes penetrated zinc and lead occurrences of ore grade, they do indicate that the area has possibilities of containing ore that might be discovered by a thorough exploration program.

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 Benjamin Thomas property. Therefore it is recommended that the exploration not be certified as a discovery.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



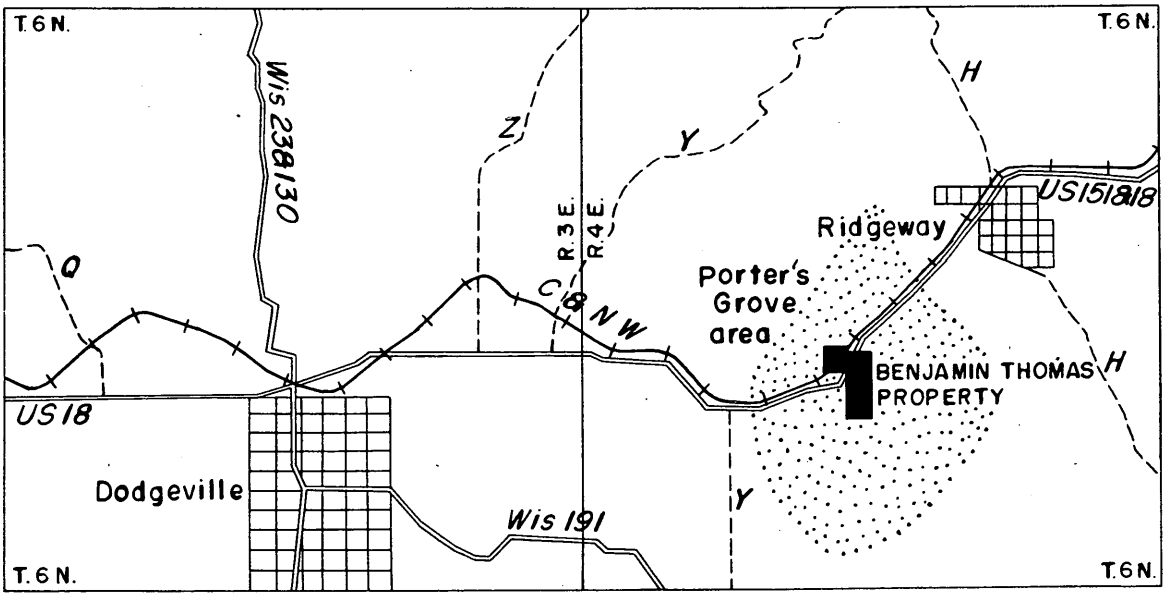


Figure 1. Index maps showing the location of the Benjamin Thomas property, Iowa County, Wisconsin

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

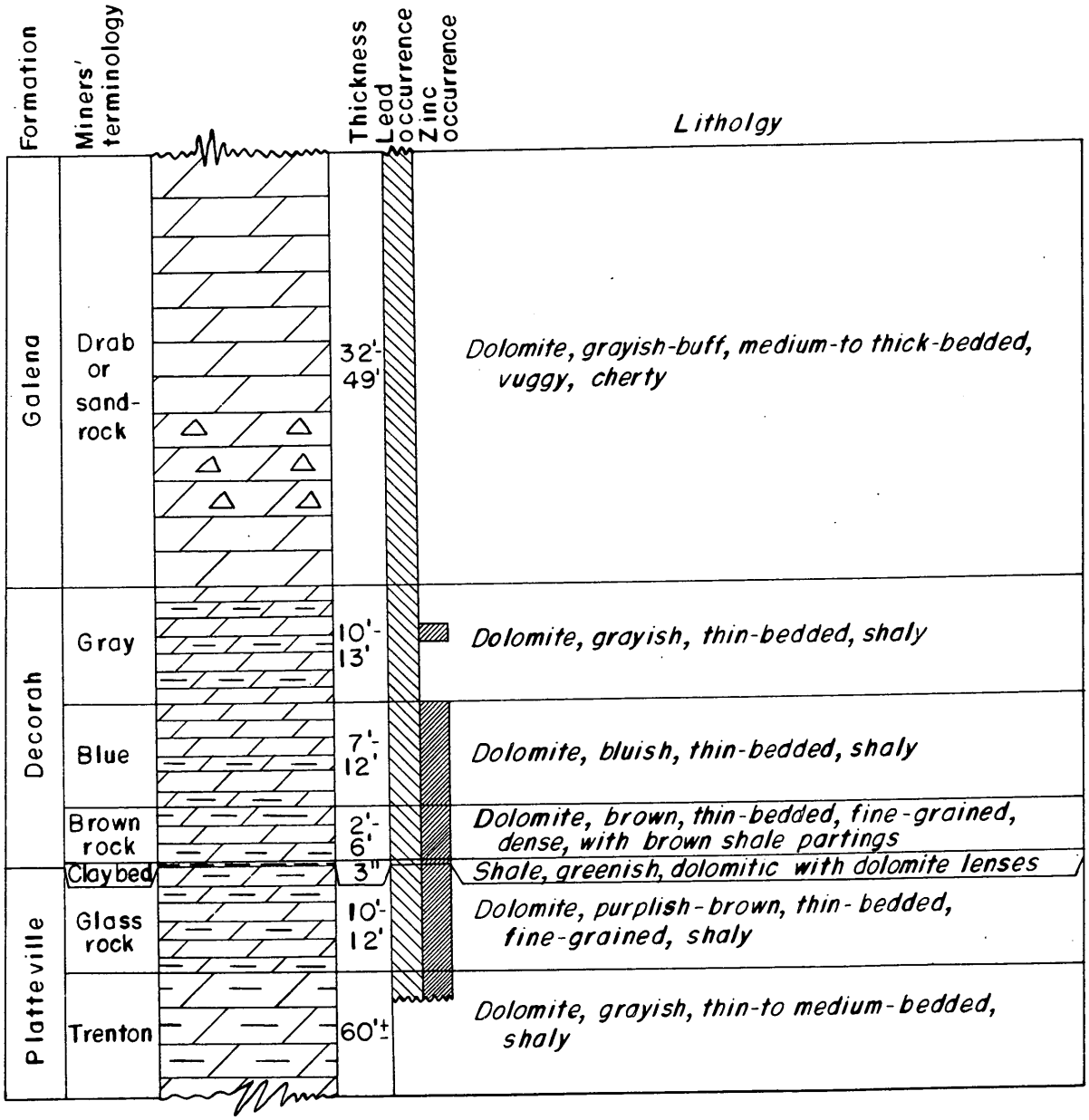


Figure 2. Stratigraphic section of the Benjamin Thomas property, Iowa County, Wisconsin.

Appendix A

Drill Hole Logs and Estimated Assays

Iowa County

~~Serial No. 30~~ ~~Ref. 351~~

Hole No. B-1
Collar Elevation: 1188.6'
Depth of Hole: 85'
Location: Thomas

Date completed: June 14, 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	49	Drab
49	59	Gray
59	69	Blue
69	74	Brown
74	85	Glassrock

Water table: 50' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	20		1.	
20	35		Shine	
35	55		Shine	Shine
55	65		Shine	
65	70		1.	
70	74	Shine	1.	
74	85		Shine	

Entire hole oxidized.
Hole not to Trenton

~~Serial No. 31~~

Hole No. B-2
Collar Elevation: 1179.6'
Depth of Hole: 79'
Location: Thomas

Date completed: June 17, 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	39	Drab
39	50	Gray
50	61	Blue
61	66	Brown
66	76	Glassrock
76	79	Trenton

Water table: 45' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	10		Shine	Shine
10	20		Shine	
20	70		Shine	Shine
70	75		Shine	
75	77		Shine	Shine
77	79		Shine	

Hole oxidized to 60'

Iowa County

~~Sec[illegible]ef. 351~~

~~Serial No. 32~~

Hole No. B-3

Collar Elevation: 1168.8'

Depth of Hole: 65'

Location: Thomas

Date completed: June 19, 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	32	Drab
32	44	Gray
44	52	Blue
52	54	Brown
54	62	Glassrock
62	65	Trenton

Water table: 35' Weak

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	10		Shine	
10	15		Shine	Shine
15	20		Shine	
20	25		1.	
25	59		Shine	
59	61	Shine	Shine	Shine
61	65		Shine	

Entire hole slightly oxidized

~~Serial No. 33~~

Hole No. D-1

Collar Elevation: 1167.4'

Depth of Hole: 76'

Location: Thomas

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	5	Soil and Drab
5	37	Drab
37	50	Gray
50	57	Blue
57	62	Brown
62	74	Glassrock
74	76	Trenton

Water table: 30' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	15		Shine	
15	25		Shine	Shine
25	30		.25	.25
30	74		Shine	Shine
74	76	Shine	Shine	Shine

Oxidized to 25'

Iowa County

~~Se[illegible] Ref. 351~~

~~Serial No. 34~~
Hole No. D-2
Collar Elevation: 1172.1'
Depth of Hole: 80'
Location: Thomas

Date completed: 6/11/52
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	43	Drab
43	53	Gray
53	65	Blue
65	70	Brown
70	80	Glassrock

Water table: 25' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	10		Shine	
10	25		Shine	Shine
25	30		1.	.25
30	35		3.	.25
35	45		3.	Shine
45	50		Shine	Shine
50	55		3.	Shine
55	80		1.	Shine

Hole did not cut trenton
Oxidized to 55'

~~Serial No. 35~~
Hole No. D-3
Collar Elevation: 1174.5'
Depth of Hole: 82'
Location: Thomas

Date completed: 6/16/52
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	44	Drab
44	55	Gray
55	65	Blue
65	70	Brown
70	81	Glassrock
81	82	Trenton

Water table: 25' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	15		Shine	
15	20		Shine	Shine
20	25		Shine	
25	30		Shine	Shine
30	40		1.	Shine
40	45		Shine	Shine
45	50		1.	Shine
50	55		Shine	Shine
55	65		3.	Shine

Continued

Iowa County
~~Sec. Ref. 351~~

~~Serial No. 35~~
Hole No. D-3 (Cont'd)
Collar Elevation: 1174.5'
Depth of Hole: 82'
Location: Thomas

Date completed: 6/16/52
Drilled by: Dodgeville Mn.Co.,DMA
Logged by: Broughton, U.S.G.S.
Type of Drilling: Churn

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
65	70	Shine	2.	Shine
70	75	.25	2.	Shine
75	78	Shine	2.	Shine
78	80	.25	2.	Shine
80	82	Shine	1.	Shine
		Oxidized to 40'		

~~Serial No. 36~~
Hole No. D-4
Collar Elevation: 1175.1'
Depth of Hole: 73'
Location: Thomas

Date completed: 6/18/52
Drilled by: Dodgeville Mn.Co.,DMA
Logged by: Broughton, U.S.G.S.
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	15	Clay and Drab
15	33	Drab
33	45	Gray
45	55	Blue
55	61	Brown
61	71	Glassrock
71	73	Trenton

Water table: 25' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	15		Shine	
15	20		Shine	Shine
20	30		1.	Shine
30	33		5.	.25
33	35		5.	.25
35	50		2.	Shine
50	60	Shine	2.	
60	67½	Shine	1.	Shine
67½	70		1.	
70	73		1.	Shine
		Oxidized to 72'		

Iowa County
~~S[illegible] Ref. 351~~

~~Serial No. 37~~
Hole No. D-5
Collar Elevation: 1165.5'
Depth of Hole: 84'
Location: Thomas

Date completed: 6/24/52
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	43	Drab
43	55	Gray
55	65	Blue
65	70	Brown
70	81	Glassrock
81	84	Trenton

Water table: 30' Medium

Depth From	Depth To	Remarks and Estimated Analyses: Zn	Fe	Pb
0	10		Shine	
10	25		Shine	
25	60		Shine	Shine
60	80	Shine	Shine	Shine
80	84		Shine	Shine

Entire hole slightly oxidized.

~~Serial No. 38~~
Hole No. D-6
Collar Elevation: 1163.6'
Depth of Hole: 72'
Location: Thomas

Date completed: 6/26/52
Drilled by: Dodgeville Mn.Co.,DMA
Logged by: Broughton, U.S.G.S.
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	15	Clay and Drab
15	34	Drab
34	44	Gray
44	52	Blue
52	58	Brown
58	69	Glassrock
69	72	Trenton

Water table: 25' Heavy

Depth From	Depth To	Remarks and Estimated Analyses: Zn	Fe	Pb
0	30		Shine	
30	35		Shine	Shine
35	40	Shine	Shine	
40	50		Shine	
50	65		Shine	Shine
65	67	Shine	Shine	Shine
67	72		Shine	

Entire hole slightly oxidized

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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-1352, Contract Idm E-183, Dodgeville Mining Co. Thomas 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 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

FINAL REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 1953

cc
3-9

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

Benjamine Thomas Lease -- D.M.A. 1352X
Geologic and Engineering Report

Location of Lease: This lease covers property located in the Town of Dodgeville, about five and one-half 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 contiguous to the lands covered in the Margaret Jenkin lease, D.M.A. 1351X, and are more specifically described as the East Half of the Southeast Quarter, the Northwest Quarter of the Southeast Quarter, Section 21 and the Northeast Quarter of the Northeast Quarter of Section 28 all in Town 6 North, Range 4 East.

History of Exploration Project: The contract was entered into with the government on October 16, 1951. Prior to this date Dodgeville Mining Company had drilled thirty-three holes on the lease in the years of 1947 and 1948 although none of these holes revealed a mineralization sufficiently rich to justify mining operations, but did reveal sufficient evidences of the presence of lead and zinc to justify further drilling.

Churn drilling under the government contract began June 11, 1952 and continued until nine additional holes were drilled of which four were disallowed for government assistance. Drilling was done in consultation with representatives of Bureau of Mines and Geological Survey, Platteville, Wisconsin. Evidence of mineralization as to either zinc or lead was so slight that holes were not 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 by extending the drilling program previously started by the Company by cross-cutting the old lead range.

Description of Area Drilled: The general geology of the area is common to other areas in 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 from four to ten feet of clay. Below the clay lies a strata of dolomite or drab commonly called sand rock of a thickness of from sixteen to forty feet. Immediately below the sand rock in the following order lie stratas of gray lime, blue lime and brown or oil rock, each approximating from seven to ten 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. The holes drilled did not extend but a few feet beyond 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 McDonald
General Partner
Dodgeville Mining Company

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

Greenwood
Betty

Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

C
O
P
Y

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.

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

C
O
P
Y

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-1352, Contract Idm E183, Dodgeville Mining Co., Thomas lease. [Lead-Zinc]

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	614.67
Government share	307.33
Balance	$3,442.67

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

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR DEFENSE MINERALS ADMINISTRATION

Defense Minerals Administration
RECEIVED
JAN 2 - 1952

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

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
Executive Officer
DMEA Field Team, Region V

Attachments

Mr. J. F. Needham
Executive Officer, Region V
DMTA 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,

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

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

FILE COPY
SURNAME:
400

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

OCT 25 1951

Johnson

A.E.R.

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

Re: Docket 1352X
Dodgeville Mining Company

Dear Mr. Needham:

We are returning to you the 6 copies of the subject Subordination Agreement and the three copies of the Thomas lease as per telephone conversation between Mr. Selfridge of our office and Mr. Martin of your office on October 22, 1951.

Please note that we have inserted the contract date on the Subordination Agreement. The date on which the agreement was signed by the Thomases has been left blank but should be inserted before distribution of the contract is made according to our letter of October 17, 1951.

Sincerely yours,

10/25

(signed) FRANK E. JOHNSON (for)

Acting Director,
Production Expansion Division

Enclosures-9
Typed: 10-22-51
GCSelfridge/hmj
cc to: Reports and Records
Adm. Reading File
Messrs. Mittendorf/Olund
Mr. Selfridge
Docket
Region V

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF MINES
2908 Colfax Avenue South
Minneapolis 8, Minnesota
Region V

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
OCT 17 1 44 PM '51

DEPARTMENT OF THE INTERIOR
RECEIVED
OCT 22 1951
Defense Minerals Administration,
Production Expansion Division.

October 15, 1951

Memorandum

To: J. Selfridge, Production Expansion Division, Defense Minerals Administration, Interior Building, Washington 25, D. C.

Thru: C. O. Mittendorf, Director, Production Expansion Division

From: Executive Officer, DMA Field Team, Region V

Subject: Dodgeville Mining Company - - - DMA Dockets 1351-X
924 Gay Building 1352-X
Madison 3, Wisconsin 1561-X
1562-X

We are in receipt of a carbon copy of a letter written by you for Mr. Mittendorf's signature, dated October 10, 1951, to Dodgeville Mining Company, in which you indicated to them that you are holding up processing a contract pertinent to DMA Docket 1352-X until you receive copies of the Landlord's Subordination Agreement.

In a telephone conversation on September 24, 1951 with D. E. Moulds, it was agreed that if Dodgeville Mining Company had not already submitted to Washington the Landlord's Subordination Agreements or Guaranties, as the case may be, on Dockets 1351-X, 1561-X and 1562-X that they should be sent to this office and that the contracts would be sent here from Washington and we would assemble the entire contract and submit to Dodgeville for signature.

A telegraphic reply on September 25, 1951 by this office indicated that the Landlord's Subordination Agreements or Guaranties would be sent here, therefore, the contracts could be sent here. On September 26, 1951 we did receive Landlord's Subordination Agreements or Guaranties for Payment for DMA Dockets 1561-X, 1562-X, 1351-X and 1352-X, and have been holding all pertinent material pending receipt of the contracts. Today we received contracts for Dockets 1351-X, 1561-X and 1562-X. These dockets have been completely assembled and are being sent to the operator for signature.

Since we have had no indication that you will forward DMA Docket 1352-X (Benjamin Thomas Lease) and the above-mentioned copy of a letter indicates that you are holding the contract, we

are therefore sending on to you the completed (except for date of delivery) Landlord's Subordination Agreement, together with three copies of their lease with Thomases just in case you might want them.

Enclosures:

A. B. Needham

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.

DEPARTMENT OF THE INTERIOR
RECEIVED
OCT 22 1951
Defense Minerals Administration,
Production Expansion Division.

WESTERN UNION

(15)

W. P. MARSHALL, PRESIDENT

1201

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

WP064 PD=MINNEAPOLIS MINN 22 1121A= 1951 OCT 22 PM 1 20

J SELFRIDGE, PRODUCTION EXPANSION DIVN=

DEFENSE MINERALS ADMN INTERIOR BLDG WASHDC=

=RE OUR LETTER OCT 15 1951 TRANSMITTING LANDLORD SUBORDINATION AGREEMENTS NOR DOCKET 1352X IDM E183. HAVE JUST RECEIVED CONTRACTS FROM MITTENDORF. PLEASE RETURN LANDLORDS SUBORDINATION AGREEMENTS IMMEDIATELY=

A B NEEDHAM REGION 5 FIELD TEAM=

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
OCT 22 2 23PM '51

15 1951 1352X IDM E183 5=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

OFFICIAL FILE COPY

To	Move	Date
400	CA	10/22
210		

1971 OCT 22 PM 1 14

WASHINGTON, D. C.

OCT 22 1 56 PM '51

BUREAU OF MINES
MAIL ROOM
WASHINGTON, D.C.

FILE COPY
SURNAME:
400

Selfridge
Mittendorf

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

OCT 19 1951

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

Re: Docket No. DMA 1352X, Lead-Zinc
The Dodgeville Mining Company
Benjamin Thomas Lease
Exploration Contract, Idm-E183

Dear Mr. Needham:

Enclosed herewith are the original and five copies of the subject Exploration Contract, which I have signed for the Government, together with Exhibit "A" (2 pages) and one map.

These are to be presented to the Operator for his signature. If the terms and conditions of this contract meet with the approval of the Operator, one copy is to be given to him and one copy retained for your files. Please return the original and three copies to this office for distribution.

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

Please note that in Item 2(a) of the contract the phrase "subordination agreement attached" is lacking. We have been informed by the Company that copies of the agreement have been sent to your office. They should be completed and attached to the contract before final signature is obtained.

Sincerely yours,

C. O. Mittendorf (for)
C. O. Mittendorf, Director
Production Expansion Division

Enclosures-6
APPROVED:

GCSelfridge/meh 10/17/51
cc to: Reports & Records, Mittendorf, Olund, Mr. Moon, Mr. Mote, Region V, Adm. Reading File, Mr. Selfridge, Mr. Billings, Mr. McKnight, Docket

Chairman, Coordinating Committee

Member, Bureau of Mines

Member, Geological Survey

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

140
~~DMA-1352X~~

October 15, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Dodgeville Mining Company -- Docket No. DMA-1352X

Reference is made to my memorandum to you of October 4, and to your resubmission to me on October 15 of the subject contract.

The corrections indicated in my memorandum to you of October 4, have all been made, and the contract as submitted is now approved, subject to dating and proper signature by the applicant.

Your file is returned herewith.

J. L. Hofflund
General Counsel

Attachment

DODGEVILLE MINING COMPANY
DODGEVILLE, WISCONSIN

MADISON OFFICE:
924 GAY BUILDING
MADISON 3, WISCONSIN

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

October 12, 1951

DEPARTMENT OF THE INTERIOR
RECEIVED
OCT 15 1951
Defense Minerals Administration,
Production Expansion Division.

C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Mittendorf:

Re: Docket No. DMA - 1352X

This is in response to your letter of October 10, 1951. We are enclosing copy of letter mailed to Mr. A. B. Needham under date of September 25, 1951 at which time we forwarded to him, at the request of your Platteville, Wisconsin office, all material and subordination agreements set forth in this letter.

We trust that this will answer your inquiry.

Very truly yours,

DODGEVILLE MINING COMPANY

By: James J. McDonald

JJMcD:L

Enc.

Subordination in field office.

RECEIVED
OCT 15 1951
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

September 25, 1951

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

Dear Mr. Needham:

In accordance with a telephone conversation from Mr. Grech of your Plattoville office we are enclosing the following:

1. Ira C. Powell lease, DMA-1561X.

   a. Six duplicate originals Landlord Subordination Agreement duly executed by Ira C. Powell and Lucile Powell.

   b. Six duplicate originals Guaranty, Dodgeville Mining Company.

   c. Three additional copies of original lease, Ira C. Powell and wife to Dodgeville Mining Company.

2. Margaret Jenkin lease, DMA-1351X.

   a. Six duplicate originals Guaranty, Dodgeville Mining Company.

   b. Four additional copies of original lease, Margaret Jenkin to Dodgeville Mining Company.

3. John J. Persons lease, DMA-1562X.

   a. Six duplicate originals Landlord Subordination Agreement duly executed by John J. Persons and Lucrete Persons Novick.

   b. Six duplicate originals, Guaranty, Dodgeville Mining Company.

   c. Three additional copies of original lease, John J. Persons and Lucrete Persons Novick to Dodgeville Mining Company.

September 25, 1951

Mr. A. B. Needham, #2

X 4. Benjamin Thomas lease, DMA-1352X.

a. Six duplicate originals, Landlord Subordination Agreement duly executed by Benjamin Thomas and Dolma Thomas.

b. Three additional copies of original lease, Benjamin Thomas and wife to Dodgeville Mining Company.

The above include all enclosures required by your Washington office.

Very truly yours,

DODGEVILLE MINING COMPANY

By:

JJMcD:L

Enc.

P.S. There are two mortgages on the Ira C. Powell property and one on the John J. Persons property. The Jenkin and the Thomas property are free of encumbrances.

FILE COPY
SURNAME:

410

Selfridge - Mittendorf

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

OCT 1 0 1951

A.E.C.

Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Re: Docket No. DMA - 1352X

Gentlemen:

Please refer to a letter sent you by Mr. G. P. Billings, Chief, Lead-Zinc Branch, dated September 21, 1951, subject above.

We can complete the processing of the subject contract for final approval as soon as we receive the six signed copies of the "Landlord's Subordination Agreement" - Form MF-202. Will you please forward them to us at your earliest convenience or advise us whether or not they will be obtainable.

Sincerely yours,

C. O. Mittendorf (J.H.) 10-10

C. O. Mittendorf, Director
Production Expansion Division

JSelfridge/meb
10/9/51
cc to: Admr's Reading Files
Reports & Records
Messrs.Mittendorf/Olund
Field Team, Reg. V (2)
Billings
Mote
McKnight
Selfridge
Docket

The Legal Finding?

140

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

October 4, 1951

Memorandum

To: Director, Production Expansion Division

From General Counsel

Subject: Dodgeville Mining Company - Docket No. DMA-1352X, Exploration Project Contract, Lead-Zinc

I am unable to approve the subject exploration contract, submitted to us unsigned in draft form on October 2, 1951.

Three other exploration contracts of this same applicant were the subject of my memorandum of September 28. As explained in that memorandum, the name of the Company is not properly set forth in the opening paragraph of the contract form. If the applicant is a partnership, it should be set forth simply as: "Dodgeville Mining Company, a partnership consisting of C. W. Singer and James J. McDonald," as explained in Circular Letter No. 8. If it is a limited partnership, as indicated in my memorandum of September 28, the word "limited" should be inserted before the word "partnership." In any case all of the partners should sign the contract. In the case of a partnership the words "acting jointly and severally" should not be used. altered

Article 2 is improperly filled out. Either sub-article (a) or (b) should be stricken out, depending upon whether the applicant leases or owns the land. In either case, any necessary subordination agreement should be attached as required by the contract form. If the property is leased, the lease should be attached. Lease on form MF 103

The matter set forth by asterisk at the bottom of the first page of the contract form, should be stricken out. The time within which the operator must start his exploration work must be stated with some certainty. If 30 days is insufficient, give him 60, or 90 days, or whatever is necessary. To provide that the work must be completed "within a period of 14 months from the date of this contract," and then to provide further that "the project is to be completed by December 1, 1952," creates a conflict. altered & deleted

Your file is returned herewith.

J. L. Hofflund
General Counsel

Attachment

:50

FILE COPY
SURNAME:

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

SEP 25 1951

Billings
McKnight
Bishop

[illegible]-135[illegible]
Iowa County
Wisconsin

a. & c.

Lodgeville Mining Company
[illegible] City Building
Madison 2, Wisconsin

Gentlemen:

On August [illegible], 1951 we sent you a letter regarding [illegible]-1351 with the necessary forms MI-701 Mortgagor's Subordination Agreement. We requested that you furnish four additional copies of the lease on this property and called your attention to the fact that if there were any claims, liens or encumbrances against the property it would be necessary for you to send in six completed copies of form MI-701 Mortgagor's Subordination Agreement.

In [illegible] [illegible]-1350, [illegible]-1351, [illegible]-1361 and [illegible]-1362, it has been found that the information cited above will be required also for [illegible]-1357, [illegible]-1371 and [illegible]-1361.

We shall give this matter immediate attention because the contracts covering the four above projects have been drawn and are awaiting these agreements to be filled in and returned.

Very truly yours,

J. B. Billings

J. B. Billings, Chief
Land Section

B 7
9/25

J.B.BILLINGS:vm
9/21/51

cc: Administrator
✓ Docket File 1352
Vote
McKnight
Billings
Mittendorf

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. Knause

Dear Mr. Knause:

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 that 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. W. Jones lease, DMA-1145;

J. ELMER WEIGEL lease, DMA 1560.

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

a. E. C.

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

BUREAU OF MINES

[illegible]

[illegible]

[illegible] V.

[illegible] 1952 A [illegible]
Benjamin Thomas Lease
[illegible] County, Wisconsin

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

Geology by [illegible] Broughton, Geologist
U. S. Geological Survey

June 27, 1952.

ON-SITE EXAM. REPORT

Following are the findings of the field teams investigation of the Dodgeville Mining Company's exploratory loan application on the Benjamin Thomas lease. Subjects are numbered to correspond to the deficiencies noted by the review of application.

4d. A tentative geologic appraisal of the probability of discovery indicates a drilling program on the property has merit.

A complete report on the geology will be submitted in a few days.

8b. See discussion of this subject in the field teams report for the Ira C. Powell lease (DMA Dockett 1561X)

10a. The location of the 33* holes drilled in 1947-48 by the Dodgeville Mining Company are shown on the attached map. A tabulation of the mineralization follows:

Hole	Depth	Formation	Mineralization

Initial drill holes are planned to the south of hole number seven. This hole showed a noticeable thinning of the glass rock which is considered by many to indicate an area favorable for mineralization. Holes will be spaced 5-' - 60' apart to the south property line. Another parallel row is to be drilled some distance east of this first line of holes.

* Our records show only 29.

Hole	Depth	Formation	Mineralization
1	67-70	Brown Rock	Fair Zn.
4	40-50	Grey lime	Light Fe.
	50-57	Blue lime	Light Fe.
	57-65	Brown Rock	Shine of Zn.
5	55-66	Brown Rock	½ shine of Zn
	66-73	Glass Rock	Light shine of Pb. Fe.
6	33-45	Grey lime	Light Fe
	45-52	Blue lime	Light Fe.
	52-61	Brown Rock	Shine of Pb and Fe.
	61-68	Glass Rock	Light Fe, Shines of Zn.
7	10-33	Sand Rock	Some Pb.
	33-45	Grey lime	Light Fe.
	52-61	Brown Rock	Shine Pb. and Fe.
	61-68	Glass Rock	Little Fe.
8	50-57	Blue lime	Light Fe.
	57-65	Brown Rock	Fe, shines Zn.
	65-72	Glass Rock	Light Fe.
9	62-69	Brown Rock	Fe. shines Zn.
	65-72	Glass Rock	Light Fe.
11	53-59	Brown Rock	Light Fe. shines Zn.
	67-68	Trenton	Light Fe.
12	53-59	Brown Rock	Shines Zn. light Fe.
	59-71	Glass Rock	Light Fe.
13	82-92	Brown Rock	Heavy shines of Zn.
	92-100	Glass Rock	Shines in last foot
14	79-88	Brown Rock	Shines Zn, light Fe.
	88-96	Glass Rock	Light Fe.

Hole	Depth	Formation	Mineralization
15	84-92	Brown Rock	Light Fe.
16	83-84	Trenton	Light Fe.
17	78-82	Brown Rock	Few shines Zn.
19	70-75	Grey lime	Light Zn.
	90-92	Gloss Rock	Medium Zn.
21	83-89	Gloss Rock	Fe.
22	87-97	Gloss Rock	Light Fe. on bottom
23	71-79	Blue lime	Few shines Zn.
24	86-91	Oilrock	Few shines Zn.
	91-101	Gloss Rock	Medium Fe on bottom
27	75-78	Brown Rock	Few shines of Zn.
28	88-94	Brown Rock	Fair Zn on bottom
29	85-90	Brown Rock	Few shines Pb.

There is a possible mineralized trend east of hole 25 as indicated by light values in holes 1 and 19. To explore in this direction a row of holes will be drilled east to the property line.

The location of these initial holes are shown on the enclosed map. Should no significant values be encountered after these holes are completed termination of the program would be agreeable to the company.

10b. The location of the property under lease, past drilling, and proposed initial holes are shown on the attached map. Also a correction is shown on exhibit "C" in the application where a 40 acre tract has been erroneously included with the leased ground.

10d. Detailed cost estimates are as follows:

5,485' drilling at $1.00 per foot	5,485
Assaying at $2.00 per assay	140
Supervision, engineering, transportation, sample preparation and miscellaneous estimated 25% of total	1,875
Total	7,500

d. These cost estimates appear reasonable.

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

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

17. Answers to all the questions under this number will be found in previously discussed subjects.

Geologic report on the Benjamin Thomas

lease near Dodgeville, Wisconsin

by

W. A. Broughton

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

Location of property

The Benjamin Thomas property is in the Porter's Grove area about $5\frac{1}{2}$ miles east of Dodgeville, Wisconsin (fig. 1). This lease includes the NW$\frac{1}{4}$SE$\frac{1}{4}$ and E$\frac{1}{2}$SE$\frac{1}{4}$ sec. 21 and the NE$\frac{1}{4}$NE$\frac{1}{4}$ sec. 28, 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 some 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 very 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 indicates the existence of gentle folds, but not enough information is available to determine definite trends and the locations 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 Benjamin Thomas 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.

Drill records indicate 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.

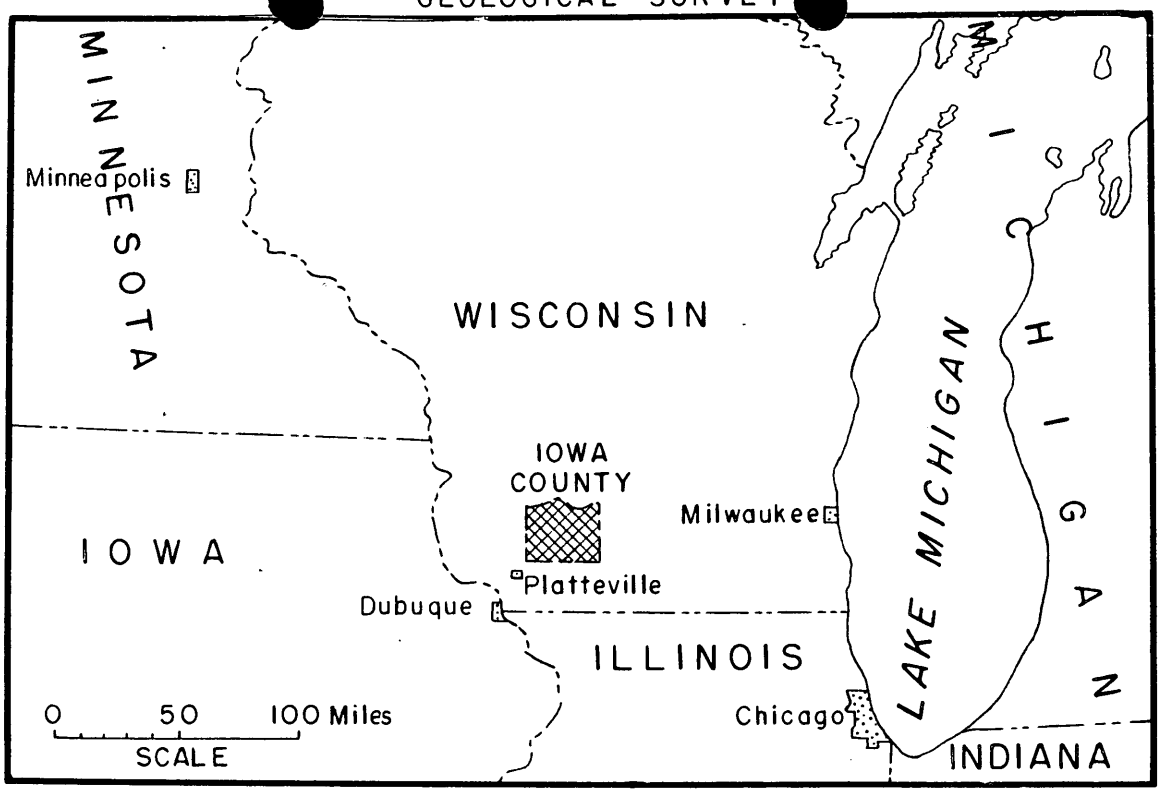
Exploration

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 the Porter's Grove area no satisfactory system has been established to propsect 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.

Twenty-nine holes have been drilled on the Benjamin Thomas property, in sec. 21 (pl. 1). Partial logs of these holes have been included in the examining mining engineer's portion of this report. All of the holes show some sulfide mineralization either in the "brown rock" or near the "glass rock"-"Trenton" contact, and many of them show at least slight zinc sulfide and lead sulfide mineralization at these horizons. Hole 7 shows good galena in the "sand rock", probably indicating a lead crevice. Holes 1, 13, and 28 show rather good zinc mineralization in the "brown rock". Hole 19 shows farily good zinc mineralization in the "glass rock".

Further drilling is necessary to outline a mineable body of ore. Drilling as proposed by the loan applicant is shown on plate 1. The double line of proposed holes south of hole 7 seems reasonable. Rather than the double line of holes east of hole 25, it might be better to put an east-west line of holes between holes 19 and 28 and north of hole 1. An east-west line of holes through hole 13, in order to have a cross section through the three lead ranges, would add greatly to the structural picture of the area, would also prospect the ranges for ore, and possibly extend the rather good mineralization in hole 13.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



INDEX MAP SHOWING LOCATION OF IOWA COUNTY, WISCONSIN

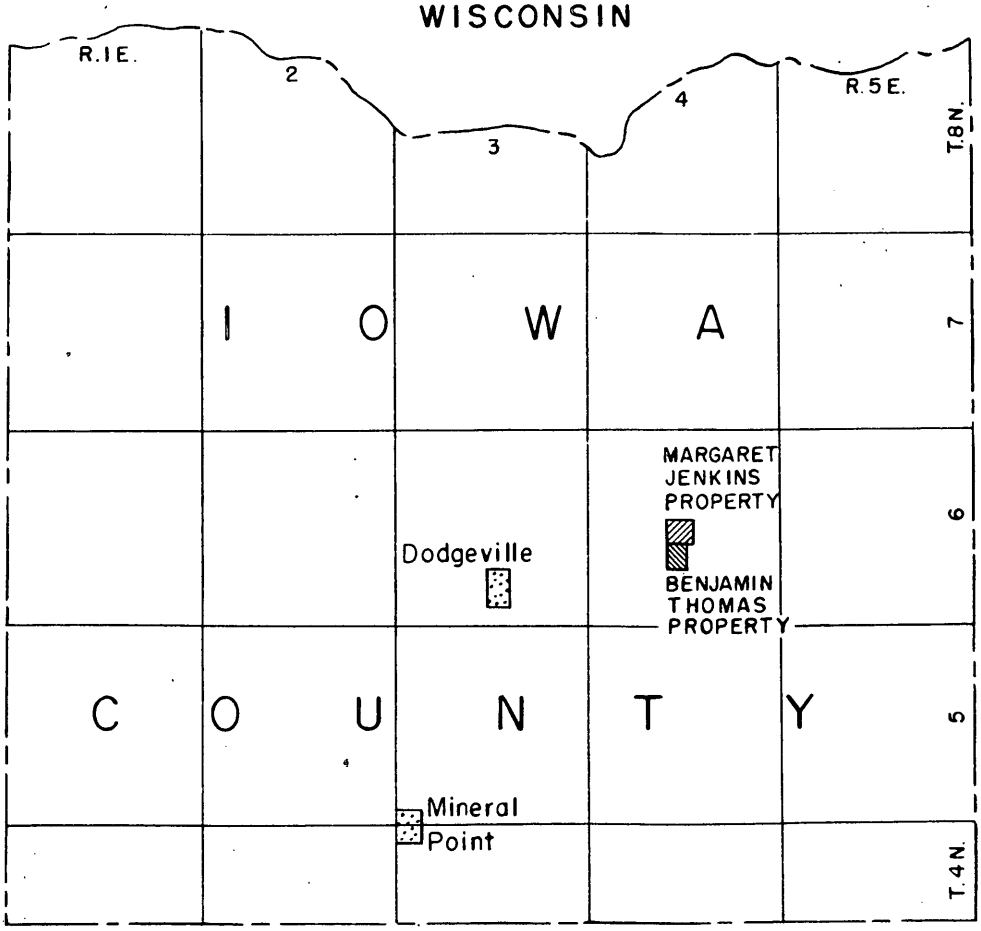


Figure 1. INDEX MAP OF IOWA COUNTY, WISCONSIN SHOWING LOCATION OF THE JENKINS AND THOMAS PROPERTIES

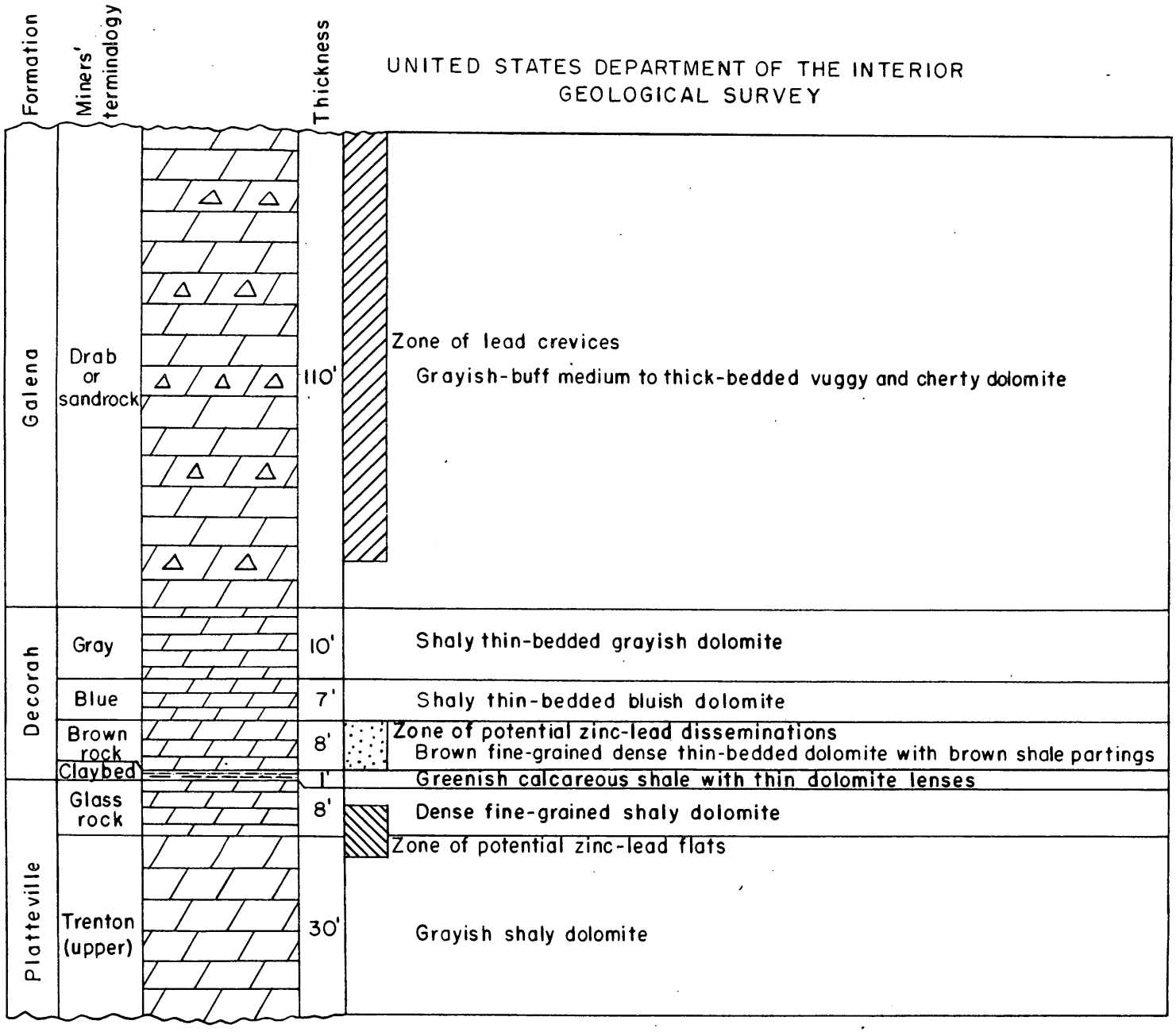


Figure 2. Stratigraphic section of the Porter's Grove, Wisconsin area showing productive zone of lead crevices and zones of potential zinc-lead flats and disseminations.

350

FILE COPY
SURNAME:

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

Re: DMA;1352X

AUG 30 1951

a.e.c.

Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Gentlemen:

Before action can be completed on your application (DMA-1352X) for exploration assistance on the Benjamin Thomas 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. Please furnish three 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,

Gunnard Johnson

8/30
cc

T. P. Billings, Chief
Lead-Zinc Branch

ETMcKnight:emp
G 8-28-51

Enclosures

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

FILE COPY
SURNAME:

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

Heyl (ETM)
McKnight
Hebron
Mason
Lyon

Re: Docket DMA-1352X

JUN 15 1951

Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Gentlemen:

Your application for a loan to explore the Benjamin Thomas lease in Iowa County, Wisconsin, 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. 6/13/51
Copies to: A. B. Needham Region V (2)
Chief, Lead-Zinc Br.
R. H. Mote
E. T. MaKnight 4204 GSA
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

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

JUN 1 6 1951

Minneapolis
Mining

JUN 15 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. 1352X

Commodity Zinc-lead

Applicant Dodgeville Mining Company, 924 Gay Building, Madison 3, Wisconsin

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

Lowell B. Moon
For Bureau of Mines

Olof T. Rose
For Geological Survey

JUN 2 1951

S

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1352X

Memo to Field Team.

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 Benjamin Thomas lease, E½, SE 1/4, NW 1/4, SE 1/4, Sec. 21, and the NE 1/4, NE 1/4, Sec. 28 all in T. 6 N. R. 4 E. all in Iowa County, Wisconsin

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

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination Don't know - 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)* Yes, A large spring is present on the south end of the property.

e) Power (question 13)* Contract drilling

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? Don't know

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? Field check required

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? This proposal, perhaps on a reduced scale, seems justifiable on the basis of the very general information presented, and the fact that sphalerite was found in some quantity in 1 drill hole at the east edge of the old lead range on line B-C. Drill hole data and maps on the 33 old holes are available in the GS and BM Platteville offices. Can a more definite exploratory program plan be formulated on a sound geologic basis from the old holes and ghe geology of the area? Think the proposed drill holes could well be cut to about one half. At least the location of initial drill holes and general plan should be presented. Also, can you obtain from them more detailed itemized cost estimates?

Reviewed by: A.V. Heyl - (GS)

G. A. Apell-(BM)

Date 6/13/51

97692

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

a. e. c.

June 14, 1951

DMA-1145X, 1352X, 1351X
1560X, 1562X, 1561X

Mr. James J. McDonald
Dodgeville Mining Company
Dodgeville, Wisconsin

Dear Mr. McDonald:

This will acknowledge receipt of your letter of June 6 on behalf of Dodgeville Mining Company asking for information concerning your six separate applications for Government assistance on projects submitted under the mining exploration program of DMA.

All six of your applications have been received and are under consideration. It is my understanding that DMA-1145X A. R. Jones lease and DMA-1560 J. Elmer Weigel lease can be handled promptly on the basis of information now available. It seems probable that we shall have to refer the other four applications to the DMA field office for further information and advice.

In reply to your inquiry concerning expenses incurred prior to the execution of an exploration contract, the regulations state that the Government cannot contribute towards such costs. Under the circumstances it would seem advisable to hold off any drilling which is a part of your applications until action on the applications has been completed.

In case I can be of any further assistance to you, kindly let me know.

Very truly yours,

Otto Herres

OHERRES:ks

OTTO HERRES, Chief
Lead-Zinc Branch

cc: Strobel
Mote
McKnight
Herres
Files

FILE COPY
SURNAME:

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

June 13, 1951

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

Subject: DMA-1352X
Re: Exploration Loan -
Benjamin Thomas 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-1352X 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-1352X.

Sincerely yours,

LANDON F. STROBEL

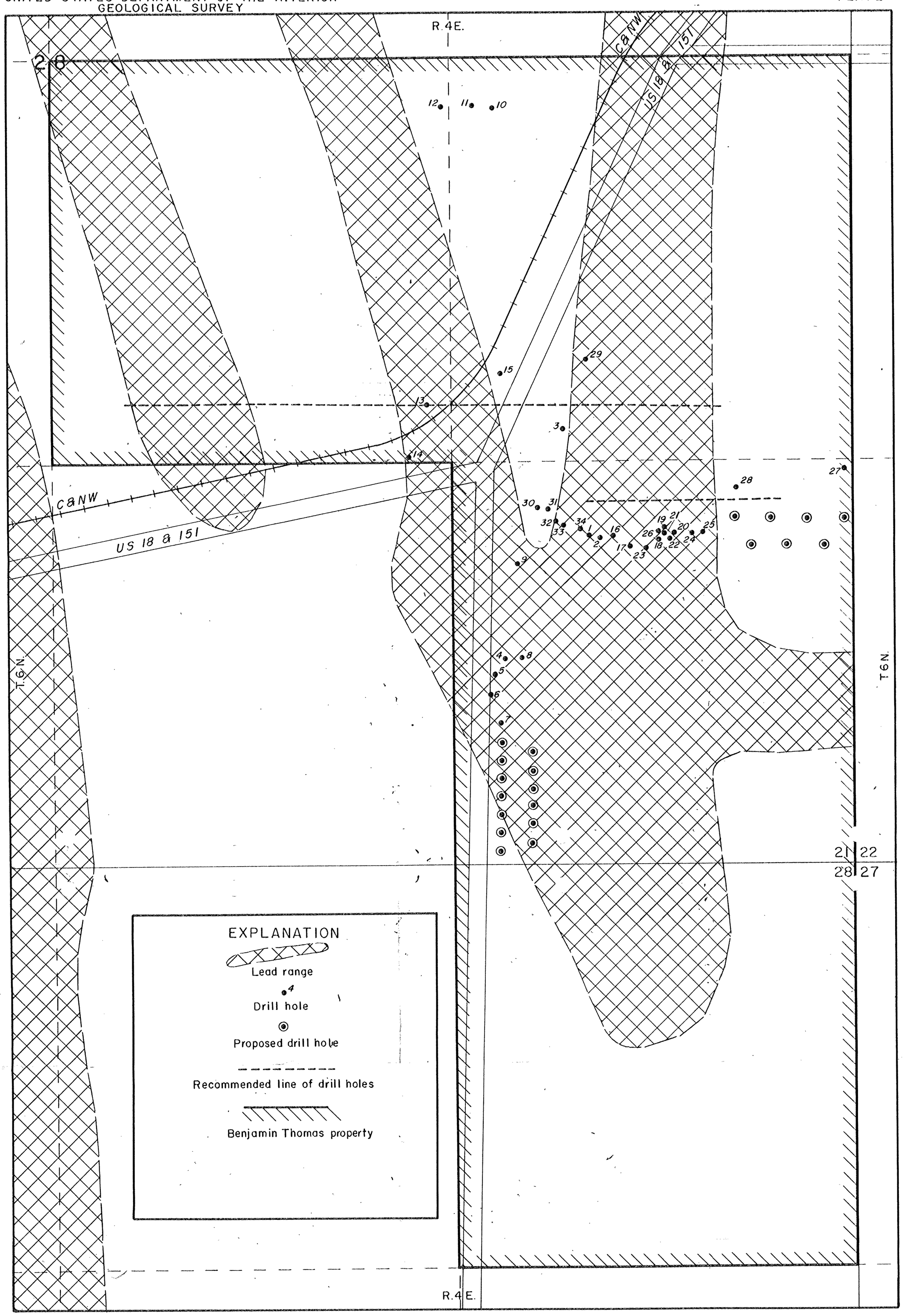
Landon F. Strobel
Executive Secretary

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

DMA 1352

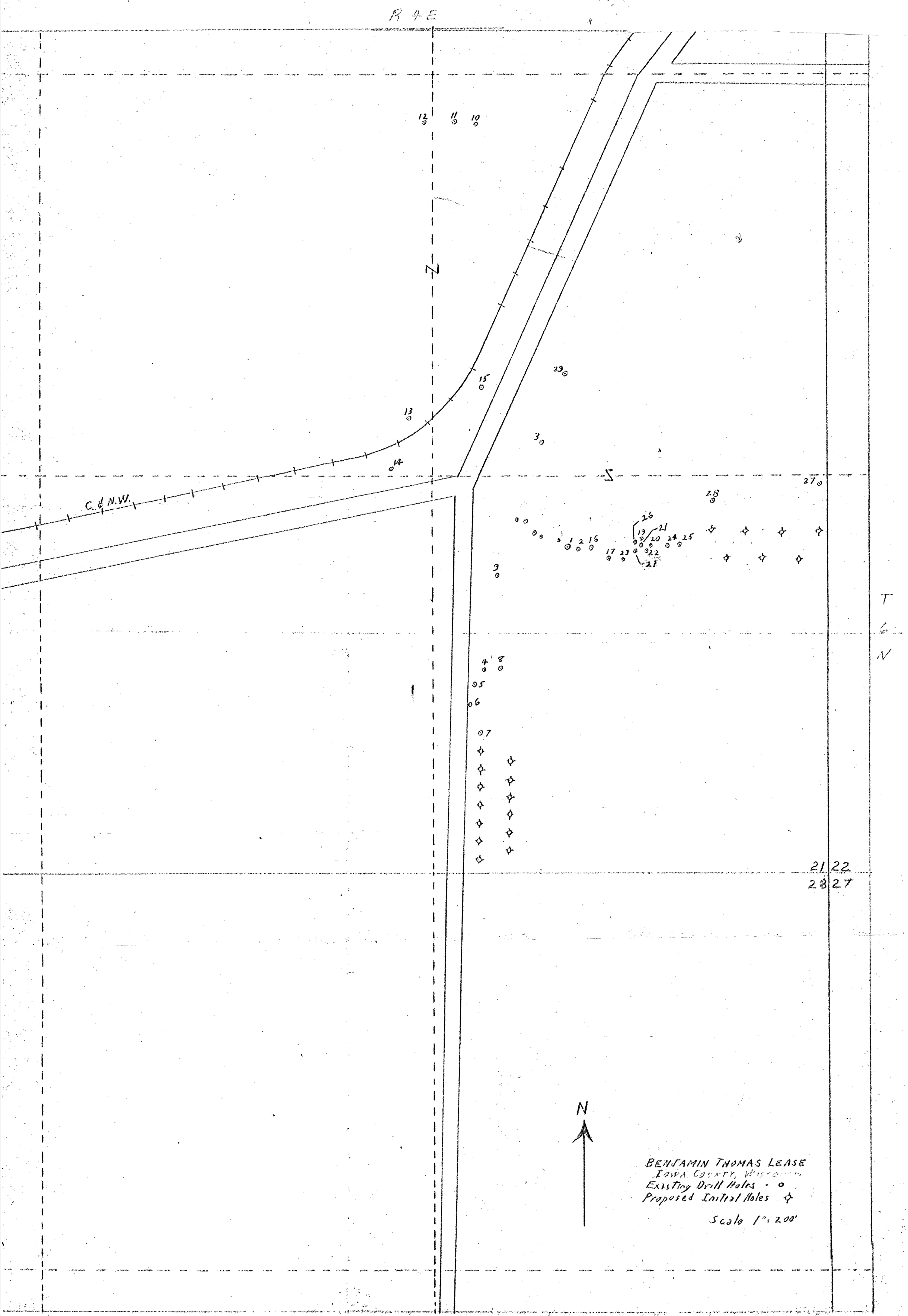
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLATE I



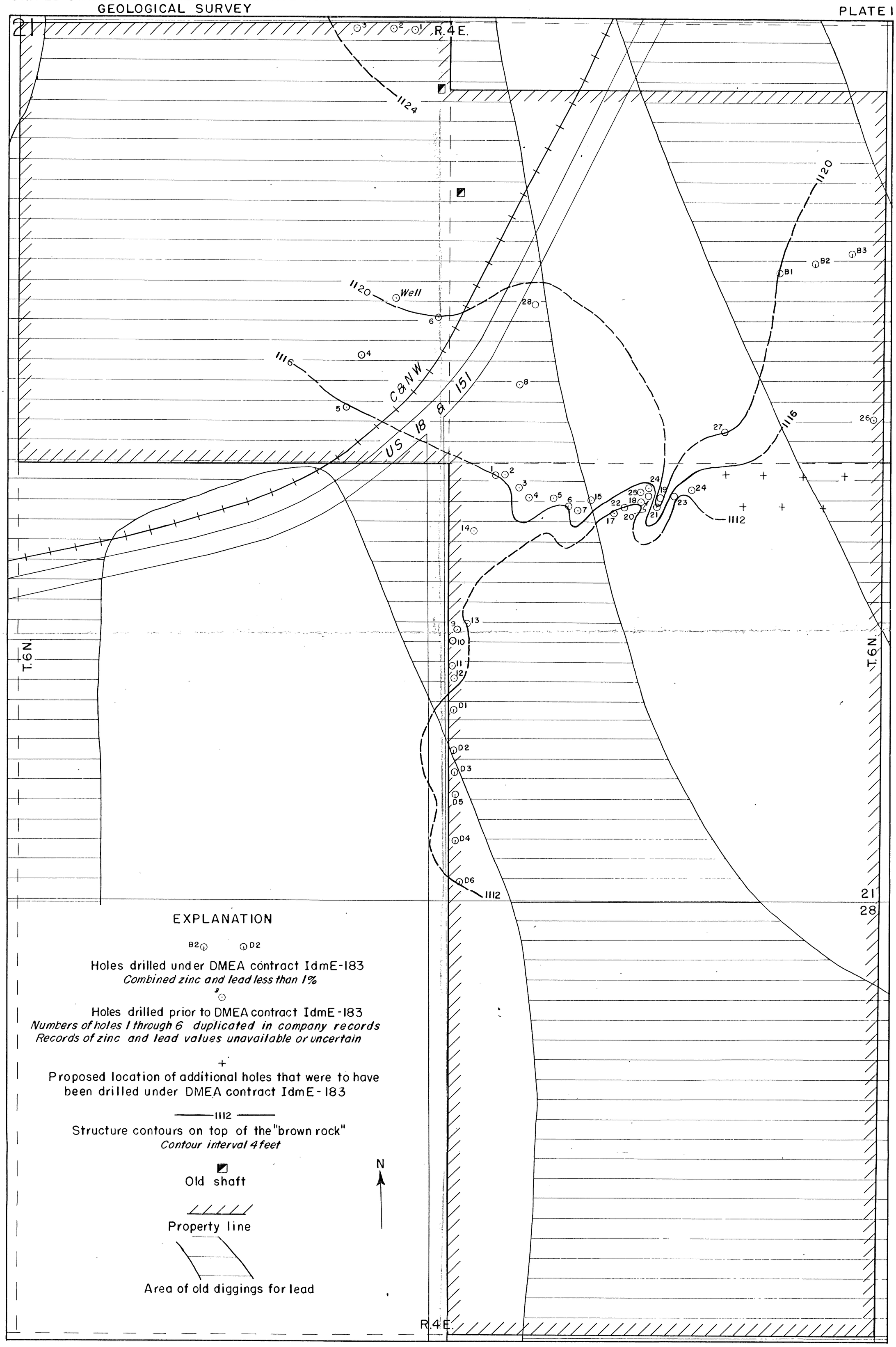
MAP SHOWING THE BENJAMIN THOMAS PROPERTY NEAR DODGEVILLE
IOWA COUNTY, WISCONSIN

200 0 200 400 600 Feet
SCALE


R 4 E
T 6 N
C. & N.W.
N
BENJAMIN THOMAS LEASE
IOWA COUNTY, WISCONSIN
Existing Drill Holes - o
Proposed Initial Holes
Scale 1" = 200'

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLATE I

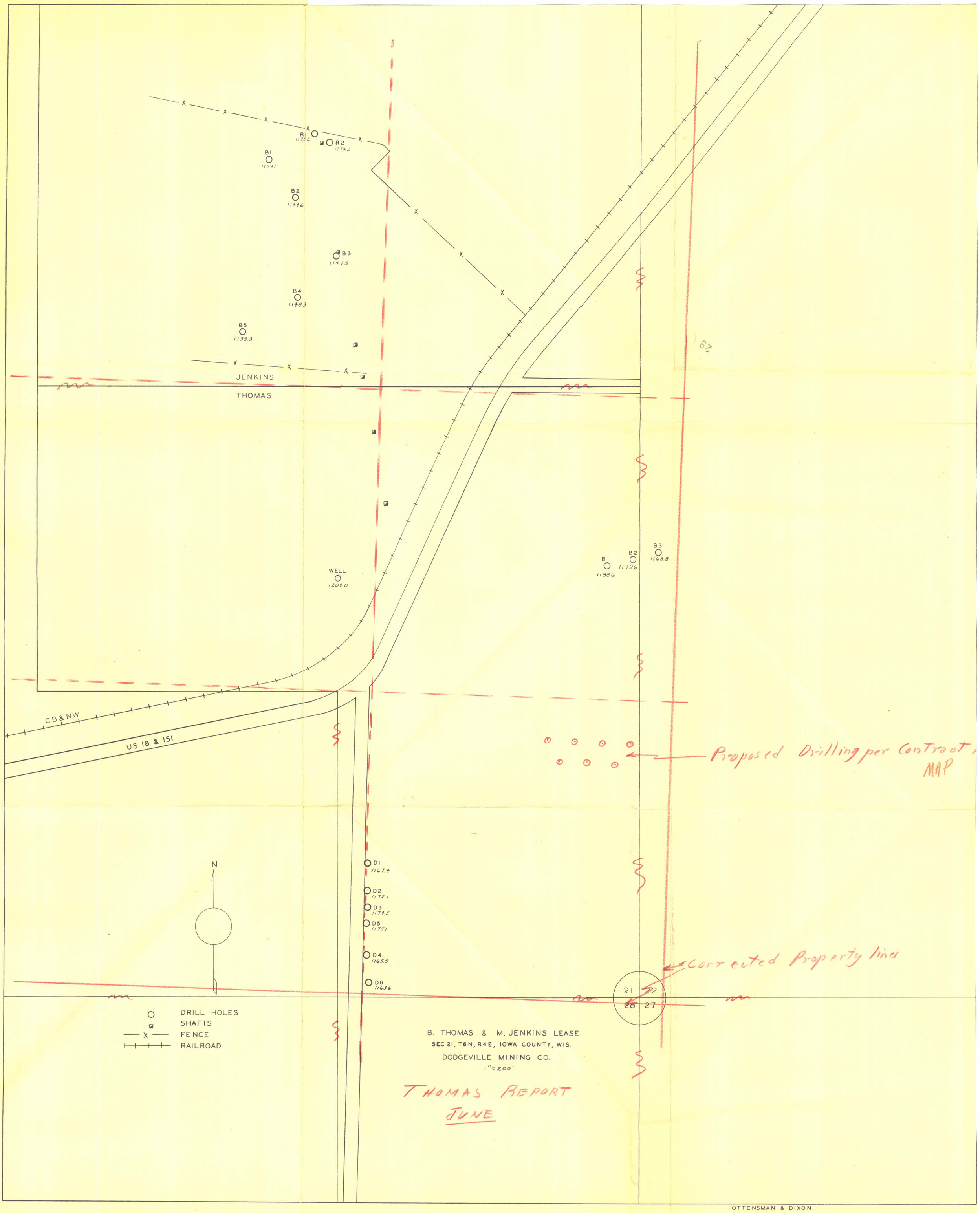


MAP OF THE BENJAMIN THOMAS PROPERTY SHOWING DRILL HOLES AND STRUCTURE CONTOURS

PORTER'S GROVE AREA, IOWA COUNTY, WISCONSIN

0 200 400 600 Feet

SCALE


R1
11732
R2
11742
B1
11591
B2
11446
B3
11475
B4
11483
B5
1135.3
JENKINS
THOMAS
WELL
12040
B1
1188.6
B2
11796
B3
1168.8
CB&NW
US 18 & 151
Proposed Drilling per Contract MAP
N
D1
1167.4
D2
1172.1
D3
1174.5
D5
1175.1
D4
1165.5
D6
1163.6
Corrected Property lines
21
22
28
27
DRILL HOLES
SHAFTS
FENCE
RAILROAD
B. THOMAS & M. JENKINS LEASE
SEC 21, T6N, R4E, IOWA COUNTY, WIS.
DODGEVILLE MINING CO.
1" = 200'
THOMAS REPORT
JUNE
OTTENSMAN & DIXON