UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 1562

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.

✓ CLOSING LETTER
Termination Notice or Agreement.

Recision Notice.

Assignment of Contract.

✓ Contract Amendments (latest on top).

✓ Contract with all exhibits and annexes.

Owner's Consent to Lien.

✓ Subordination Agreement.

✓ Leases and assignments of leases.

✓ Application and attachments.

Schedule of Collections.

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

Right Side

✓ Project summary.

✓ Work completed analysis.

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

✓ Final Field Team Report. (Tab)

✓ Operator's Final Report.

Interim Reports.

✓ On-site Exam Report(s). (Tab)

Settlement Sheets.

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

Maps in folder number _____

Operator's Monthly Reports in folder number _____

Reviewer's Initials

7973

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

I have examined the records and transactions of:

The Dodgeville Mining Company

924 Gay Building

Madison 3, Wisconsin

pertaining to Exploration Project Contract No. Idm-E168 and Amendment 1, Docket No. DMA 1562X, for the period of January 21, through May 31, 1952.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

The audit disclosed the following facts in regard to amount to be paid the Contractor:

Total cost as billed by Contractor	$3,035.70
Exceptions prior to audit	215.25
Exceptions during audit	None
Total accepted cost	$2,820.45

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the Contractor by the Government in the amount of One Thousand Four Hundred Ten Dollars and 23/100

$1,410.23

is valid and proper.

This certificate is issued on the provision that the regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

July 18, 1952

Robert M. Hall
Auditor

I INTRODUCTION

An audit was made on June 26 and 27, 1952, of Defense Minerals Exploration Contract No. Idm-E168 and Amendment 1, Docket No. DMA 1562X (John J. Persons lease) Dodgeville Mining Company. The records pertaining to this Contract are in the office of James J. McDonald at 924 Gay Building, Madison 3, Wisconsin. The audit covered the period of January 21, through May 31, 1952. No work was done during the month of April, 1952. James J. McDonald, a General Partner in the Dodgeville Mining Company, and W. A. Grosh of the United States Bureau of Mines were present and consulted as needed.

II EXTENT AND SCOPE OF AUDIT

A comparison of the claims presented on Forms MF-104 was made with the provisions of the Contract as outlined in the Engineer's statement of estimates as shown in Exhibit "A" and with the supporting documents consisting of salary receipts, cancelled checks, drill hole records and work sheets presented by the Operator as proof of the project costs. Mr. McDonald maintains all of the records and makes the payments pertaining to the Dodgeville Mining Company. There is set up each month, a work sheet from which is prepared the Operator's Monthly Progress Report.

The monthly reports and bills of the drilling Subcontractor, Holman & Rickard, were compared with the footage and bills reported by the Operator.

III FINDINGS

The records maintained by the Dodgeville Mining Company pertaining to Defense Minerals Exploration Contract No. Idm-E168 were adequate. It was possible to trace and support with detailed receipts, all of the

claims submitted. The invoices are all numbered and cross-referenced to the check upon which payment was made. The work sheet for each month is maintained separately with all of the related supporting data attached. The cancelled checks are filed by months in numerical number. The checks pertaining to the Project, while not filed separately, are readily available.

The Field Team disallowed one hole, D-16, as it was not called for in Stage 1 of the contract. Stage 2 of the Contract was not approved. This exception amounted to $215.25.

No exceptions are taken and the costs are reasonable and proper and are within the terms of the contract and Amendment No. 1.

IV RECOMMENDATIONS

The audit certificate, prefacing this report, reflects the amount of the costs properly chargeable to this project.

FILE COPY
SURNAME:

Corbett
Keating
Chamberlin
Clarke
Hofflund
Tomlinson
Hedges
F.E. Johnson

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

DEC 30 1952

Dodgeville Mining Company
934 Gay Building
Madison, Wisconsin

Attention: Mr. James McDonald

Re: Docket No. DMA-1562X
Contract No. Idm-E168
(Zinc-Lead)

Gentlemen:

This is with reference to the subject exploration project contract between Dodgeville Mining Company and the Government.

The final audit of the contract expenditures and the final reports of the Operator and the Field Team have been received and accepted by this Administration. Of the total amount of $6,000 approved under the contract, the amount of $2,820.45 was expended and the Government's share of 50%, or $1,410.22 was disbursed. There were no unused material, supplies or equipment to be disposed of for the joint account of the Operator and the Government.

Although the results of the exploration project were unfavorable the work was completed in a satisfactory manner. It is, therefore, not our intention to make any certification of discovery which would create a lien against the project property, and we are 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 his records and accounts for a period of three years after the completion or termination of this contract".

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

Sincerely yours,

C. O. Mittendorf
Administrator

12-30-52

FEJohnson/bih 12/19/52
cc to: Docket
Dodgeville for Lessor
Admr. Reading File
Region V (2)
Operating Committee
Messrs. Chambers - Hofflund
Keller -- Ellis
Houk - Selfridge
F.E.Johnson

AMENDMENT

Contract Idm-E168, Docket DMA-1562x, dated October 2, 1951, between the United States of America and Dodgeville Mining Co. is hereby amended as follows:

1. Article 3, Exploration Project. The starting date is hereby changed from within 30 days to within 7 months, and completion from 6 months to 15 months, making the starting date on or before May 2, 1952, and completion by January 2, 1953.

2. Exhibit "A", Exploration Project. Project description shall include (after the word terminate): "But should ore of a minable grade on the then existing ore market be found in any of the said 15 holes prior to the drilling of all the 15, then, in that event, the operator may discontinue the drilling of holes in sequence as shown on Plate 1, 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."

3. Exhibit "A", Estimated Cost of Exploration. The cost per foot is increased from $1.00 to $1.25, which means the stated approximate footage of 4,380 will be less so as not to exceed the total cost of project.

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 4, 1951

United States of America

By A. B. Needham

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

Dated Dec 20-1951

Dodgeville Mining Company

By James J. McDaniel

MF-200
(June 1951)

Docket No. DMA 1562X
Commodity Zinc-Lead

Idm-E168

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

It is agreed this 2nd day of October, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and[2] Dodgeville Mining Company; A limited partnership consisting of James J. McDonald and C.W. Singer
924 Gay Building
Madison 3, Wisconsin
hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Wisconsin, County of Iowa described as follows:[3] The John J. Persons lease, consisting of the N½, SW¼ Sec. 5, T.5N, R.3E, Southwest of Dodgeville, Iowa County, 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 liens, 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 30 days from the date of this contract shall commence work on a project of exploration for[5] zinc and lead; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of[6] 6 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

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

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

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

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

7. *Title to and disposition of prop*[illegible] All facilities, buildings, fixtures, equipm[illegible] 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 $3,000.00, which is 50 percent of the agreed estimated total cost of this project, $6,000.00.

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

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

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

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

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

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

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

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C. D. Mattendorf
Director, Production Expansion Division
Defense Minerals Administration

Dodgeville Mining Company
(Operator)

By James J. McDonald
James J. McDonald

By
C. W. Singer

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

EXHIBIT A - Exploration Project

Description of property to be explored:

N½ SW¼ Sec. 5, T 5N, R 3E southwest of Dodgeville, Iowa County, Wisconsin.

Exploration Project:

This project is to consist of an approximate maximum of 4380 feet of churn drill holes. These holes should be drilled approximately as shown on Plate 1, and marked as with the appropriate number in sequence. If after the first eleven holes are completed the ore zone has not been found, then holes 12 to 15 should be drilled. If the 15 holes have not, in the opinion of the Government established the ore zone, the contract shall terminate.

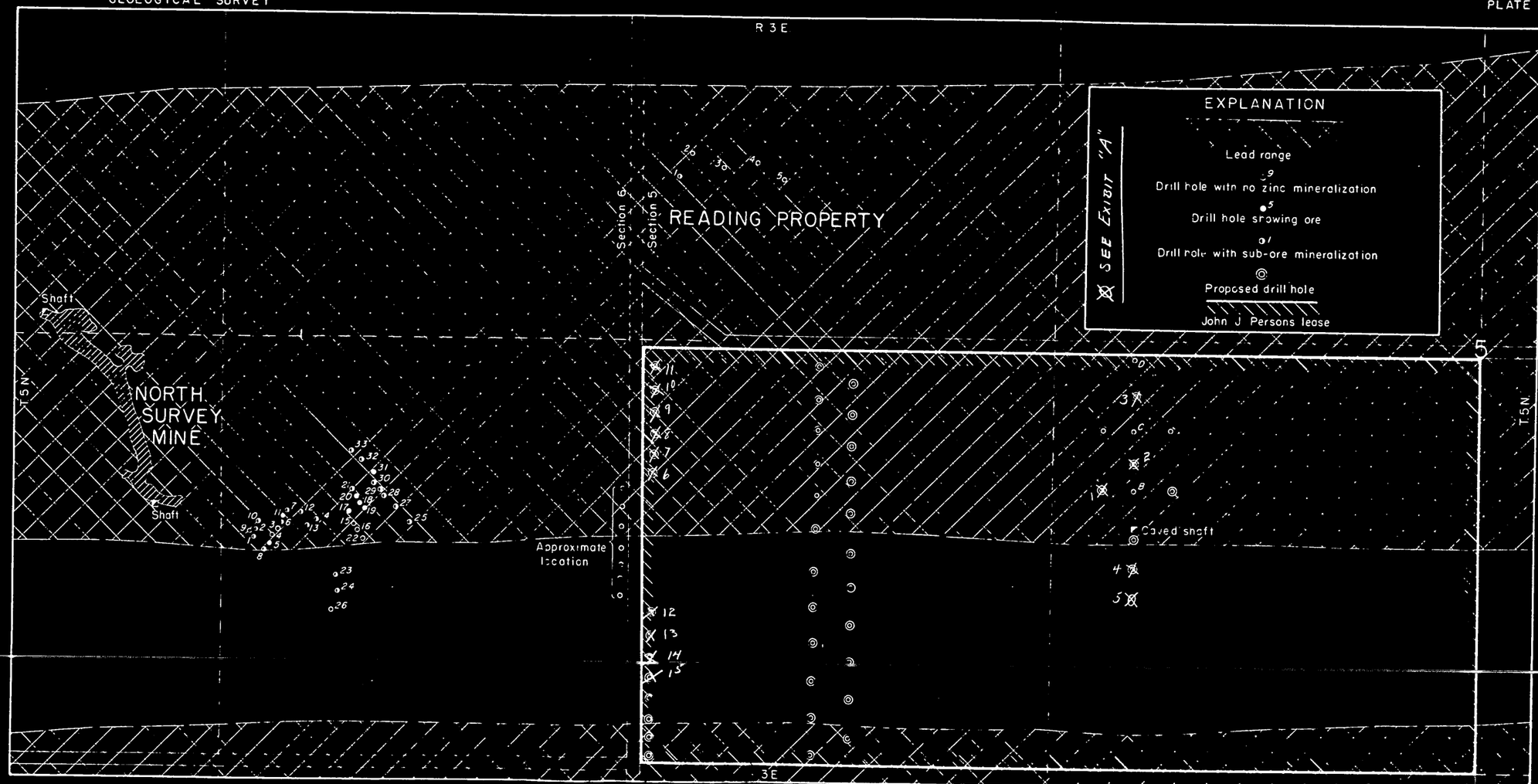
Estimated Cost of Exploration:

4380' of contract churn drilling @ $1.00 per foot	$4,380.00
Assaying at $2.00 per assay	120.00
Supervision, engineering, transportation, sample preparation and miscellaneous	1,500.00
Total	$6,000.00

All drilling is contracted, and no rental or purchase of equipment is necessary or allowed.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLATE I



MAP OF THE JOHN J PERSONS LEASE NEAR DODGEVILLE
IOWA COUNTY WISCONSIN

SEE EXHIBIT "A"

200 0 200 400 600 Feet
SCALE

This plan is reduced to ½ original

IIMA 1562 X

MF-202

John J. Persons Lease
Exploration Loan
D.M.A. 1562X

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 OCT. 2, 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 November 16, 1948, 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 3 day of OCT., 1951.

John J. Persons

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

Lucretia Persons Nowicki

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1562 X

Date received 6-1-51

Participation

Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $6000.00

Mineral or metal Lead and zinc

Percentage of Government participation 50%

Location of mine Township of Dodgeville, Iowa County, Wisconsin

John J. Persons Lease

Date of filing MF-100 May 15, 1951

DMA Docket Number, if available ~~DMA-1145 or DMA-1145 X~~

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. Not owner
7. If lessee, attach a copy of the lease and state if it is in good standing. Exhibit A attached.

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)? $3000.00. It is sufficient.

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

16—64067-1

THE PROPERTY

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. As in Exhibit A

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. As in Exhibit A

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. See Exhibit B.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION See Exhibit B.

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS See Exhibit B.

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

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

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Dodgeville Mining Company
(Name of company)

By James McDonald
(Signature of authorized official)

May 28, 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 16th day of November, 1948, John J. Persons and Lucreta Persons Novick, as joint tenants, hereinafter called "Owner" and Dodgeville Mining Company, a limited partnership, hereinafter called "Company" for themselves, their respective heirs, successors and assigns, agree as follows:

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

The North half of the Southwest quarter of Section Number Five in Township No. Five North of Range Number Three East of the fourth principal meridian.

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

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

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. No mill, however, shall be placed on any plowed land without consent of the Owner.

Company has the option of paying Twenty-five Dollars per month in lieu of the working conditions of this lease. Said payment shall be considered the same as though work had been done. Such monthly payments, however, are not required prior to November 1, 1949, provided Company commences operations prior to ninety days from date hereof, if weather permits, otherwise Company has until May 1949 to begin operations.

Company will pay to Owner as rents and royalties for the uses and privileges hereby given the following per cent of the sales

Exhibit "A"

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.
c. Ten per cent on all lead found above the glass rock that is marketable without milling.

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 any where or on the above described premises and deposit rock, tailings, and sludgings and waste water on the above described premises, except that if milling or hoisting of ores through shafts located on above described premises does not include one-half the ores mined from the above described premises Company will pay Owner for such milling and hoisting privileges 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.

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

Company will drill the first hole as near as possible to the lead shaft near the cheese factory, otherwise it may drill where it chooses. Should Company find lead above the glass rock that it does not desire to mine it will permit Owner to mine it.

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 ground rent 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/ Mary Lutschinger

/s/ John J. Persons (SEAL)
John J. Persons

/s/ Lucreta Persons Novick (SEAL)
Lucreta Persons Novick

DODGEVILLE MINING COMPANY

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

STATE OF WISCONSIN)
) SS.
County of Dane)

I, Mary Lutschinger, Notary Public, Dane County, Wisconsin, do hereby certify that John J. Persons and Lucreta Persons Novick, and James J. McDonald, 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, Wisconsin
My commission expires:

EXHIBIT B

(John J. Persons 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 mine run to our mills at Dodgeville, Wisconsin, a distance of approximately four miles, and the finished product shipped by rail from Dodgeville to the smelter. About half the distance will be on a concrete state highway. The balance of the distance will be over hard surfaced roads.

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 is located in the Township of Dodgeville in an area mined for years for lead. At the point A in Exhibit C is an old lead shaft worked more than 60 years ago. Mr. John J. Persons, our lessor, who worked in mines for many years tells me that in years back he found in the dump around the old shaft on this lease "dry bone" (zinc) and small pieces of lead with "dry bone" attached. This leads us to believe that within a reasonable distance from this old shaft zinc (blend) should be found as the old lead miner in this area did not drift far from the shaft. It is well recognized that "dry bone" and zinc (blend) are usually part of the same sheet. In support of this contention we quote from the "Geology of Wisconsin" by T. C. Chamberlin, Chief Geologist. In Volume 4 of this work on page 395, in his discussion of ore deposits of Southwestern Wisconsin, Professor Chamberlin says:

"Smithsonite 'Dry bone'--Zinc Carbonate.

***It occasionally presents the characteristic forms of blend, but this is due to derivation from the blend rather than replacement, as in the preceding cases, indeed these

pseudomorphi after blend are among the proofs that the smithsonite in general is derived from the blend. Other evidences are found in the fact that, with the greatest frequency, the exterior of a mass is found to be smithsonite and the interior blend, and the line or junction is such as to force the conviction that the blend is changing into the smithsonite. Equally convincing is the fact that the 'dry bone' is found almost exclusively above the permanent water level, where atmospheric agencies are active, and oxidation finds suitable conditions, while in the same crevice, below the water level, blend is found, the two occupying the same relations to the other minerals or the crevice, thus indicating clearly that they are but parts of what was originally a continuous sheet.***"

In December 1948 we drilled three holes at the points shown as B, C and D on Exhibit C. There respective depths were 133 feet, 124 feet and 104 feet. The hole at the point B showed light shines of lead, zinc and sulphur in the run between 132 to 133 feet, this being immediately below the glass rock where we find all of our zinc in this area. As our drills were needed on other leases at the time we did not continue our drilling. We feel, however, that a circle of holes around the old shaft should tell us whether or not zinc ore is to be found. We also desire to cross-cut at several points the old lead workings extending from E to F as shown on Exhibit C.

The holes on this lease should average about 125 feet in depth and we feel that the lease justifies the drilling of from 40 to 50 holes.

Requirements and Costs

All our drilling is done on a contract base. We are presently paying $1.00 a foot although in the past we have paid as much as $1.10. Our assaying is also done on a contract base and we have been paying $2.00 per assay covering both lead and zinc. Costs in addition to these should include such amounts as you may deem reasonable for supervision of the drilling including car mileage and preparing samples for assay.

A = Old-Mine Shaft
B = Hole No 1.
C = Hole No 2.
D = Hole No 3.
E-F - Old Lead Diggings.

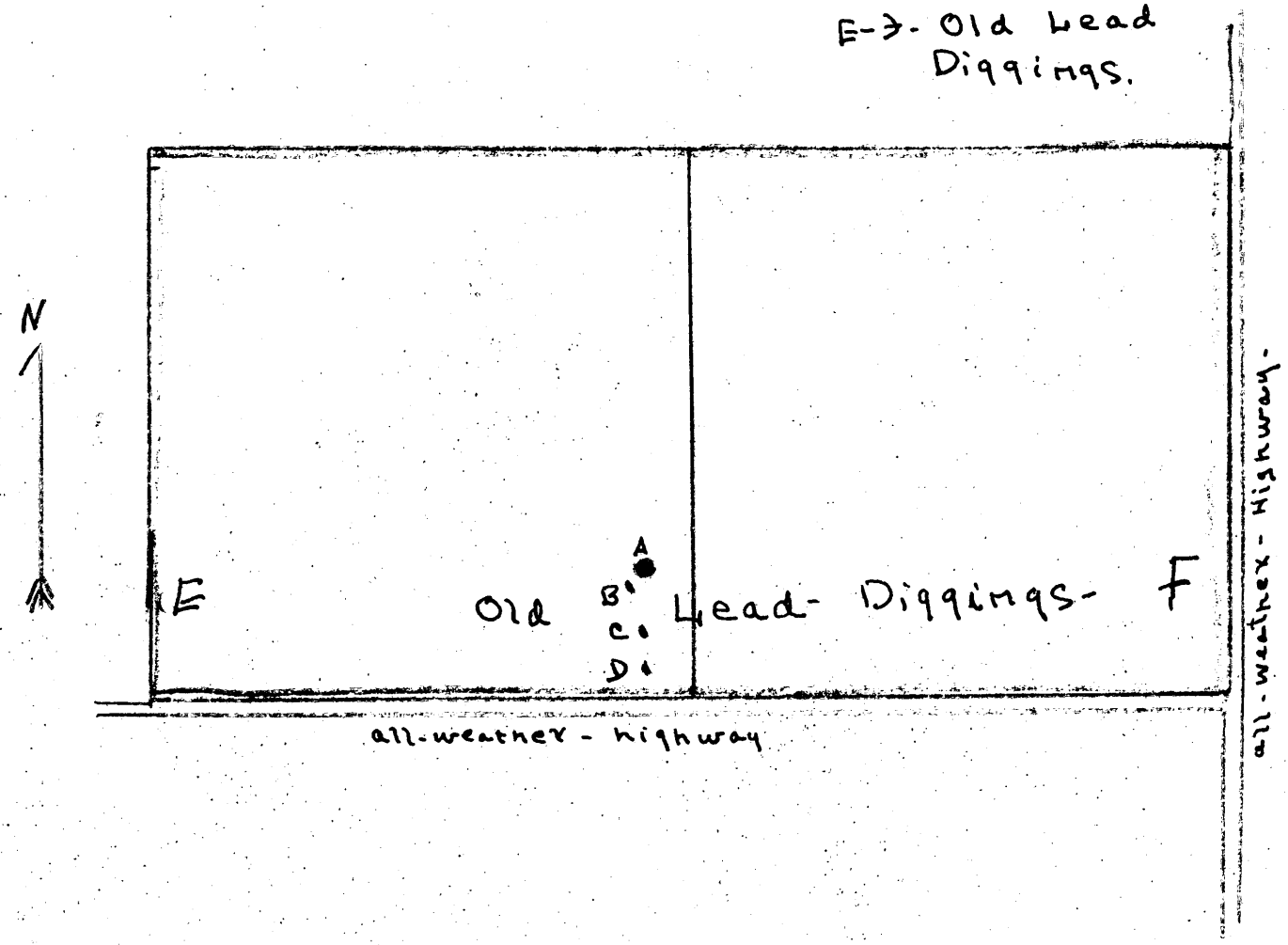


Exhibit "C"
Dodgeville Mining Co.
924-gay Bldg.
Madison - Wis.
John J. Pexsons Lease.

RTICAL LONGITUDINAL SECTION

ELIZABETH MINE

VERMONT COPPER CO, INC. SOUTH STRAFFORD, VT.

SCALE: 1 INCH = 200 FEET MAY 1, 1951

MF-104
(April 1951)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

J-DMa-6/68

5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Dodgeville Mining Co.
924 Gay Building
Madison, Wisconsin

John J. Parsons Lease
D.L.A. 1562X
May 1952
Final Report

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts will be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1952

CERTIFICATION

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.

Dodgeville Mining Company
(Name of Company)

By James McDonald
(Signature of Authorized Official)

June 24, 1952
(Date)

General Partner
(Title)

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

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator Podrovillo Lining Co.
Project No. DMA 1562K
Total contract amount $6000.00
Government participation percent 80%

Distribution of Expenditures for Month of May 1952 (Final)

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	185.00	185.00	370.00	*157.25	185.00	342.25
~~Equipment purchase~~ Logging						
~~Equipment rental~~[2] and						
~~Buildings~~ casing holes	30.00	----	30.00	30.00		30.00
~~Explosives~~ Telephone	2.00	15.00	17.00	2.00	15.00	17.00
Repair parts						
Other supplies						
~~Power~~ Surveying & maps	153.60		153.60	153.60		153.60
Transportation	8.40	6.75	15.15	8.40	6.75	15.15
Withholding taxes						
Compensation insurance						
Other insurance						
Contract work Drilling	1253.75	1195.00	2448.75	*1066.25	1195.00	2261.25
Other (specify) Assaying	---	1.20	1.20		1.20	1.20
Total	1632.75	1402.95	3035.70	1417.50	1402.95	2820.45
Totals previously reported						
Totals to date						

FOR GOVERNMENT USE ONLY

Checked by H. J. Schneider
Entered by
Approved by W. A. Bragg [illegible]
Amount approved for payment 708.75
Remarks

* Reduced because hole D-16 was disallowed.

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF May 1952 (Final)

Name of operator Dodgeville Mining Co.
Project No. DMA 1562X
Total contract amount $6000.00
Government participation percent 50%

Type	Number	Man-Shifts	Rate	Total
		Time spent on project		
Miners			$	$
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager James J. McDonald		12.5%	400.00	50.00
Superintendent C. W. Singer Jr.		24.5%	500.00	122.50
Engineers				
Geologists				
Bookkeeper-Secretary		12.5%	100.00	12.50
Foreman				
Clerks				
Stenographers				
Other				
Total				185.00

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by W. J. Schroeder
Entered by
Approved by W. A. Broughton Worley Bent
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May 1952 (Final)

Name of operator Dockovillo Mining Co.
Project No. DMA 1562X
Total contract amount 6000.00
Government participation, percent 50%

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts				**	**		*			
Winzes				1.4774	1.6618		853		* 1809	
Drill holes	.1844			1.4435	1.6279	Foot	1003	956	1959	5000
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals										

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

* Hole D16 disallowed (150'
** As Approved

OTHER		
Contract drilling	1.2500	
Telephone	.0019	.0023
Rooming	.0299	.0352
Surveying & maps	.1532	.1800
Transportation	.0025	.0099
	1.4435	1.4774

FOR GOVERNMENT USE ONLY

Checked by H. J. Schroeder
Entered by
Approved by W. A. Broughton, Wesley W. Wood
Remarks

Uncl

John J. Persons Lease
D.M.A. 1562X
Report for May 1952

There are attached to this report the following:

1. Five copies drill records Holes R-3, and D-10 to D-15, inclusive.

2. Five copies completed Form M.F. 104.

3. Five copies Costs Summary.

Mr. Dixon will furnish maps and hole elevations.

This is our final report. Our records have been audited and a geologic and engineering report furnished.

July 14, 1952.

DODGEVILLE MINING COMPANY

By James J. McDonald
General Partner

John J. Persons
Project D.M.A. 1562X
Dodgeville Mining Company

Summary Costs:

Contract amount	$ 6000.00
Government participation	50%
Total footage drilled	1809 feet

Items of expense	Expense		Cost per foot drilled	
Wages and salaries	$ 349.56	* 342.25	.1936	* .1892
Telephone	17.00		.0094	
Reaming and casing holes	30.00		.0166	
Transportation	15.15		.0084	
Surveying and maps	153.60		.0846	
Contract drilling	2261.25		1.2500	
Assaying	1.20		.0006	
Total	$ 2827.76	* 2820.45	1.5632	* 1.5588

* As Approved

WORK PROGRESS REPORT

Docket 1562x

Month May 1952

Contract Ida D-168

Company Dodgeville Min. Co.

Property Persons Lease

DRILLING - The following holes were completed this period:

Lease	Hole	Date started	Date completed	Depth
Persons	D-10	4/29/52	5/ 1/52	92
"	D-11	5/ 2/52	5/ 3/52	77
"	D-12	5/ 5/52	5/ 8/52	131
"	D-13	5/ 8/52	5/13/52	138
"	D-14	5/13/52	5/15/52	143
"	D-15	5/15/52	5/26/52	147
"	R- 3	5/29/52	*6/ 3/52	125

853

* Termination of contract, therefor hole was included with May report.

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

Lease	Hole	Date started	Footage reported	Remarks
	None			

TOTAL (completed) ~~(accrued)~~ footage this period 853 To date 1609

scratch one

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 June 24, 19 52, totalling $ 1417.50, has been carefully checked and approved by me.

APPROVED BY:

Mining Engineer ~~or Geologist~~

~~Mining Engineer or~~ Geologist

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME [illegible] HOLE NO. [illegible]

LOCATION OF HOLE [illegible]

			REMARKS
0	TO	5	CLAY
5	TO	[illegible]	SAND ROCK
[illegible]	TO	95	GRAY LIME
95	TO	105	BLUE LIME
105	TO	111	BROWN ROCK
111	TO	121	GLASS ROCK
121	TO	125	[illegible]
	TO		Very sulphur at bottom of 125 foot.
	TO		
	TO		
	TO		
	TO		

TOTAL DEPTH OF HOLE 125 ; DEPTH WATER STRUCK [illegible] ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☐ WEAK ☐

DATE STARTED [illegible] 195[illegible] ; DATE FIN. [illegible] 195[illegible]

LABOR [illegible]

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED [illegible]

DATE [illegible] 5, 1958

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Persons HOLE NO. D-10

LOCATION OF HOLE 50 ft. North of hole R-9, 60 ft. East of road

			REMARKS
0	TO 7 ∅	CLAY	
7	TO 50	SAND ROCK	Sulphur in grey rock.
50	TO 60	GRAY LIME	Lead in brown rock.
60	TO 68	BLUE LIME	
68	TO 76	BROWN ROCK	
76	TO 86	GLASS ROCK	
86	TO 92	Tronton	
	TO		
	TO		
	TO		
	TO		
	TO		

TOTAL DEPTH OF HOLE 92 ; DEPTH WATER STRUCK 35 ;

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

DATE STARTED 4-29 1952 ; DATE FIN. 5-1 1952

LABOR 30.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Dalon Rickard

DATE 5-1-52

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Persons HOLE NO. D-11

LOCATION OF HOLE 60 ft. North of hole D-10

60 ft. East of road

REMARKS

Sulphur & zinc at 35 ft.

0 TO 5 CLAY

5 TO 38 SAND ROCK

38 TO 48 GRAY LIME

48 TO 54 BLUE LIME

54 TO 61 BROWN ROCK

61 TO 71 GLASS ROCK

71 TO 77 Trenton

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE 77 ; DEPTH WATER STRUCK 25 ;

TYPE OF WATER - HEAVY ☒ MEDIUM ☐ WEAK ☐

DATE STARTED 5-2 1952 ; DATE FIN. 5-3 1952

LABOR 20.00

ASSAY REPORT

ZINC LEAD SULPHUR

SIGNED Dalon Rickard

DATE 5-3-52

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME [illegible] HOLE NO. [illegible]

LOCATION OF HOLE [illegible]

0	TO	6	CLAY
6	TO	92	SAND ROCK
92	TO	102	GRAY LIME
102	TO	110	BLUE LIME
110	TO	118	BROWN ROCK
118	TO	129	GLASS ROCK
129	TO	131	
	TO		
	TO		
	TO		
	TO		
	TO		

REMARKS

Heavy sulphur & oil at the bottom of the glass rock.

TOTAL DEPTH OF HOLE 131 ft.; DEPTH WATER STRUCK 10 ft.;

TYPE OF WATER - HEAVY ☒ MEDIUM ☐ WEAK ☐

DATE STARTED [illegible] 1952; DATE FIN. [illegible] 1952

LABOR [illegible]

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED [illegible]

DATE [illegible], 1952

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME [illegible] HOLE NO. [illegible]

LOCATION OF HOLE [illegible]

REMARKS

[illegible]

0 TO [illegible] CLAY

[illegible] TO [illegible] SAND ROCK

[illegible] TO [illegible] GRAY LIME

[illegible] TO [illegible] BLUE LIME

[illegible] TO [illegible] BROWN ROCK

[illegible] TO [illegible] GLASS ROCK

[illegible] TO [illegible] [illegible]

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE [illegible]; DEPTH WATER STRUCK [illegible];

TYPE OF WATER - HEAVY ☐ MEDIUM ☐ WEAK ☐

DATE STARTED [illegible] 195[illegible]; DATE FIN. [illegible] 195[illegible]

LABOR [illegible]

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED [illegible]

DATE [illegible]

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Powers HOLE NO. D-14

LOCATION OF HOLE 80 ft. South of D-13

REMARKS

Blank

Opening between 80 and 90 ft. Heavy sulphur and fine sand caved in.

0 TO 4 CLAY

4 TO 103 SAND ROCK

103 TO 113 GRAY LIME

113 TO 124 BLUE LIME

124 TO 131 BROWN ROCK

131 TO 141 GLASS ROCK

141 TO 143 Fronten

TO

TO

TO

TO

TO

TOTAL DEPTH OF HOLE 143 ft.; DEPTH WATER STRUCK 75 ft.;

TYPE OF WATER - HEAVY ☐ MEDIUM ☐ WEAK ☐

DATE STARTED May 13th 1952; DATE FIN. May 15th 1952

LABOR 40.00

ASSAY REPORT

ZINC LEAD SULPHUR

SIGNED Kel on & Aldrand

DATE May 15th 1952

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME [illegible] HOLE NO. D-14

LOCATION OF HOLE [illegible] of D-14

0	TO 5	CLAY
5	TO 108	SAND ROCK
108	TO 118	GRAY LIME
118	TO 123	BLUE LIME
123	TO 134	BROWN ROCK
134	TO 144	GLASS ROCK
144	TO 147	[illegible]
	TO	
	TO	
	TO	
	TO	
	TO	

REMARKS

Light zinc at the bottom of the glass rock.
Broken ground and crevices.
Had to put casing down to 90 ft.

$30.00 for reaming & casing

TOTAL DEPTH OF HOLE 147 ; DEPTH WATER STRUCK 78 ft.;

TYPE OF WATER - HEAVY ☒ MEDIUM ☐ WEAK ☐

DATE STARTED May 16th 1952 ; DATE FIN. [illegible] 1952

LABOR 100.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED [illegible]

DATE [illegible] 1952

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Parsons HOLE NO. D-16

LOCATION OF HOLE 27 ft. South of D-15

REMARKS

Shines of zinc at 80 ft. and medium sulphur. Blank at the bottom of the glass rock.

0	TO	5	CLAY
5	TO	~~110~~ 111	SAND ROCK
111	TO	121	GRAY LIME
121	TO	120	BLUE LIME
120	TO	137	BROWN ROCK
137	TO	147	GLASS ROCK
147	TO	150	Tronton
	TO		
	TO		
	TO		
	TO		
	TO		

TOTAL DEPTH OF HOLE 150 ; DEPTH WATER STRUCK 80 ;

TYPE OF WATER - HEAVY ☒ MEDIUM ☐ WEAK ☐

DATE STARTED May 26 195 2; DATE FIN. May 28 1952

LABOR 60.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Hol[illegible] [illegible]

DATE May 28th 1952

MF-104
(April 1951)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

I-Dma-E168

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Dodgeville Mining Company
924 Gay Building
Madison, Wisconsin

John J. Persons lease
D.M.A. 1562X
March 1952

RECEIVED
MAY 14 1952
BUREAU OF MINES
REGION V
MINING DIV.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

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CERTIFICATION

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.

Dodgeville Mining Company
(Name of Company)

By James J. McDonald
(Signature of Authorized Official)

May 6, 1952
(Date)

General Partner
(Title)

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

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator: Dodgeville Mining Company
Project No. DMA: 1562X
Total contract amount: 6000.00
Government participation percent: 50%

Distribution of Expenditures for Month of March 1952

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	85.00	100.00	185.00	85.00	100.00	185.00
Equipment purchase [1]						
Equipment rental [2]						
Buildings						
~~Explosives~~ Telephone	3.00	12.00	15.00	3.00	12.00	15.00
Repair parts						
Other supplies						
Power						
Transportation	2.55	4.20	6.75	2.55	4.20	6.75
Withholding taxes						
Compensation insurance						
Other insurance						
Contract work Drilling	385.00	810.00	1195.00	385.00	810.00	1195.00
Other (specify) Assaying	1.20	---	1.20	1.20		1.20
Total	476.75	~~626.20~~ 926.20	1402.95	476.75	926.20	1402.95
Totals previously reported						
Totals to date						

FOR GOVERNMENT USE ONLY

Checked by W. J. Schweckler
Entered by
Approved by W. A. Brown Atty W. Lindy R. Rand
Amount approved for payment $238.37
Remarks

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF March 1952

Name of operator Dodgeville Mining Company
Project No. DMA 1562X
Total contract amount 6000.00
Government participation percent 50%

TYPE	NUMBER	MAN-SHIFTS	RATE	TOTAL
		time spent on project	$	$
Miners				
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager James J. McDonald		5%	400.00	20.00
Superintendent C. W. Singer Jr.		12%	500.00	60.00
Engineers				
Geologists				
Bookkeeper-Secretary		5%	100.00	5.00
Foreman				
Clerks				
Stenographers				
Other				
TOTAL				85.00

NOTE.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by H. J. Schneider
Entered by
Approved by W. A. Broughton Wesley A. Rook
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF March 1952

Name of operator: Dodgeville Mining Company
Project No. DMA: 1562X
Total contract amount: 6000.00
Government participation, percent: 50%

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes	.2759			1.2720	1.5479	Foot	308	648	956	3600
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals										

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by: [illegible]
Entered by: [illegible]
Approved by: [illegible] Wesley R. [illegible]
Remarks:

Other:

Contract drilling	1.2500
Telephone	.0097
Transportation	.0083
Assaying	.0040
	1.2720

WORK PROGRESS REPORT

Docket [illegible] 1562[illegible]

Contract [illegible] D-168

Month [illegible]

Company [illegible] Mining Co.

Property [illegible]

DRILLING - The following holes were completed this period:

Lease	Hole	Date started	Date completed	Depth
[illegible]	D-7	2/[illegible]/53	3/ 1/53	168
"	D-8	3/ 1/53	3/ 8/53	100
"	D-9	3/ 6/53	3/1[illegible]/53	96

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

Lease	Hole	Date started	Footage reported	Remarks
	None			

TOTAL (completed) ~~(accrued)~~ footage this period 308 To date 956

scratch one

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 May 6, 19 52, totalling $ 476.73, has been carefully checked and approved by me.

APPROVED BY:

Wesley U. Rand
Mining Engineer ~~xxGeologist~~

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

The John J. Persons Lease
D.M.A. 1562X
Report for March 1952

There are attached to this report the following:

(1) Four copies of drill records Holes R-7 to R-9 inclusive.

(2) Four copies completed form M.F. 104.

Mr. Dixon's bill has not as yet been received consequently it is not included in this report.

Mr. Dixon will furnish you the necessary maps and elevations of holes.

Hole R-2 assayed 110-115 feet--Zn. 0.20.

Drilling done on this lease during the month of April consisted in starting one hole that was down 50 feet at the end of the month.

DODGEVILLE MINING COMPANY

By James J. McDonald
General Partner

Reports

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Parsons HOLE NO. R-7

LOCATION OF HOLE 60 ft. North of R-6

0	TO	2	CLAY
2	TO	72	SAND ROCK
72	TO	82	GRAY LIME
82	TO	88	BLUE LIME
88	TO	95	BROWN ROCK
95	TO	105	GLASS ROCK
105	TO	108	Trenton
	TO		
	TO		
	TO		
	TO		
	TO		

REMARKS

Fair shines of lead in the brown rock.

TOTAL DEPTH OF HOLE 108 ft.; DEPTH WATER STRUCK 50 ft.;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED Feb. 28th 1952; DATE FIN. March 1st 1952

LABOR 40.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Holman & Rickard

DATE March 1st 1952

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME ~~Fozzano~~ HOLE NO. ~~H-8~~

LOCATION OF HOLE ~~60 ft. North of H-7~~

REMARKS

Light shines of lead in oil rock.

0	TO	3	CLAY
~~3~~	TO	~~68~~	SAND ROCK
~~68~~	TO	~~78~~	GRAY LIME
~~78~~	TO	~~84~~	BLUE LIME
~~84~~	TO	~~99~~	BROWN ROCK
~~99~~	TO	~~100~~	GLASS ROCK
~~100~~	TO	~~104~~	Trenton
	TO		
	TO		
	TO		
	TO		
	TO		

Elev. 1147.8

TOTAL DEPTH OF HOLE ~~104 ft.~~ ; DEPTH WATER STRUCK ~~68 ft.~~ ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED ~~March 1st~~ 195~~2~~ ; DATE FIN. ~~March 8~~ 195~~2~~

LABOR ~~40.00~~

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED ~~Holman & Richard~~

DATE ~~March 8th 1952~~

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Parmons HOLE NO. R-9

LOCATION OF HOLE 60 ft. North of R-8

REMARKS

Light shines of lead in the brown rock & glass rock.

0	TO	2	CLAY
2	TO	64	SAND ROCK
64	TO	74	GRAY LIME
74	TO	79	BLUE LIME
79	TO	85	BROWN ROCK
85	TO	94	GLASS ROCK
94	TO	96	Trenton
	TO		
	TO		
	TO		
	TO		
	TO		

Elev. 1143.3

TOTAL DEPTH OF HOLE 96 ft.; DEPTH WATER STRUCK 45 ft.;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED March 8 195 2; DATE FIN. March 11 195 2

LABOR 80.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Holman & Richard

DATE March 11th 1952

MF-1C4
(April 1951)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Dodgeville Mining Company
924 Gay Building
Madison, Wisconsin

John J. Persons Lease
D.M.A. 1562X
January-February 1952.

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts will be made from time to time.

CERTIFICATION

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.

Dodgeville Mining Company
(Name of Company)

By James J. McDonald
(Signature of Authorized Official)

March 1, 1952
(Date)

General Partner
(Title)

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

16—64068-1

MONTHLY SUMMARY COST STATEMENT

Name of operator: Dodgeville Mining Company
Project No. DMA: 1562X
Total contract amount: $6000.00
Government participation percent: 50%

Distribution of Expenditures for Month of January-February 1952

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	100.00	--	100.00	100.00		100.00
Equipment purchase [1]						
Equipment rental [2]						
Buildings						
~~Explosives~~ Telephone	12.00	--	12.00	12.00		12.00
Repair parts						
Other supplies						
Power						
Transportation	4.20	--	4.20	4.20		4.20
Withholding taxes						
Compensation insurance						
Other insurance						
Contract work Drilling	810.00	--	810.00	810.00		810.00
Other (specify)						
Total	926.20		926.20	926.20		926.20
Totals previously reported						
Totals to date						

FOR GOVERNMENT USE ONLY

Checked by H J Schroeder
Entered by
Approved by Wesley A Burch E W Broughton
Amount approved for payment
Remarks 4/60.10

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF January-February 1952

Name of operator Dodgeville Mining Company
Project No. DMA 1562X
Total contract amount $6000.00
Government participation percent 50%

Type	Number	~~Man-Shifts~~ Time spent on project	Rate	Total
Miners			$	$
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager James J. McDonald		5%	$400.00	20.00
Superintendent C. W. Singer Jr.		15%	500.00	75.00
Engineers				
Geologists				
Bookkeeper Secretary		5%	100.00	5.00
Foreman				
Clerks				
Stenographers				
Other				
Total				$ 100.00

NOTE.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by H. J. Schroeder
Entered by
Approved by Wesley A. Brown W. A. Broughton
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF January-February 1952

Name of operator Dodgeville Mining Company
Project No. DMA 1562X
Total contract amount $6000.00
Government participation, percent 50%

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes	.1543			1.2750	1.4293	Foot	648	--	648	3600
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals										

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

FOR GOVERNMENT USE ONLY

Checked by W. G. Schneider
Entered by
Approved by Wesley A. Hood, W. A. Broughton
Remarks

Other:

Contract drilling	1.2500
Telephone	.0185
Transportation	.0065
Total	1.2750

WORK PROGRESS REPORT

Docket 1562X Month January - February

Contract Idm R-168 Address Platteville, Wis.

DRILLING - The following holes were completed this period:

Lease	Hole	Date started	Date completed	Depth
Persons	R-1	1/21/52	1/25/52	135
"	R-2	1/31/52	2/5/52	131
"	R-4	2/ 6/52	2/ 9/52	137
"	R-5	2/ 9/52	2/13/52	134
"	R-6	2/14/52	2/27/52	111

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

Lease	Hole	Date started	Depth
Persons	R-7	2/27/52	100

TOTAL (completed)(~~accrued~~) footage to date 645
scratch one

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 March 1, 19 52, totalling $ 926.20, has been carefully checked and approved by me.

Wesley A. Grosh

W. A. Grosh, Mining Engineer

W. A. Broughton

W. A. Broughton, Geologist

The John J. Persons Lease
D.M.A. 1562X
Report for January and February 1952

There are attached to this report the following:

(1) Four copies of drill records Holes R-1 to R-5, inclusive, R-1 drilled in January, the balance drilled in February 1952.

(2) Four copies completed form M.F. 104.

Mr. Dixon's bill has not as yet been received consequently it is not included in this report.

Mr. Dixon will furnish you the necessary maps and elevations of holes.

DODGEVILLE MINING COMPANY

By James J. McDonald
General Partner

Jan - Feb. Report

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME John Roberts HOLE NO. R-1

LOCATION OF HOLE 100 ft. North of the North end corner of the worked area on the slope.

			REMARKS
0	TO 4	CLAY	
4	TO 68	SAND ROCK	Shines of lead in the sand rock and in brown rock.
68	TO 106	GRAY LIME	Light red hue in glass rock.
106	TO 116	BLUE LIME	Glass rock light in color.
116	TO 128	BROWN ROCK	Struck an opening at 70 ft.
128	TO 133	GLASS ROCK	
133	TO 135		
	TO		
	TO		
	TO		
	TO		
	TO		

El. 1189.8

TOTAL DEPTH OF HOLE 135 ft. DEPTH WATER STRUCK 60 ft.;

TYPE OF WATER - HEAVY ☒ MEDIUM ☐ WEAK ☐

DATE STARTED Jan. 21 195 2; DATE FIN. Jan. 26 195 2

LABOR 75.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Norman L. Hickard

DATE Jan. 26th, 1952

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

LESSOR'S NAME Parsons HOLE NO. R-2

LOCATION OF HOLE 130' NE of Hole R-1

0	TO	4	CLAY
4	TO	93	SAND ROCK
93	TO	103	GRAY LIME
103	TO	111	BLUE LIME
111	TO	119	BROWN ROCK
119	TO	129	GLASS ROCK
129	TO	131	Trenton
	TO		
	TO		
	TO		
	TO		
	TO		

REMARKS

A few shines of zinc in Brown rock.

Light sulphur at bottom of glass rock.

El. 1186.5

TOTAL DEPTH OF HOLE 131 ; DEPTH WATER STRUCK 55 ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED Jan. 31 1952 ; DATE FIN. Feb. 3 1952

LABOR 70.00

ASSAY REPORT

110-115
ZINC 0.20% LEAD SULPHUR

SIGNED Holman & Richard

DATE Feb. 5th, 1952

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

DMA-4

LESSOR'S NAME Parsons HOLE NO. ~~R-3~~

LOCATION OF HOLE 75 ft. South of So theast corner of little patch of woods and airshaft holes.

REMARKS

Blank

0	TO	6	CLAY
6	TO	98	SAND ROCK
98	TO	109	GRAY LIME
109	TO	117	BLUE LIME
117	TO	125	BROWN ROCK
125	TO	135	GLASS ROCK
135	TO	137	Trenton
	TO		
	TO		
	TO		
	TO		
	TO		

El. 1187.4

TOTAL DEPTH OF HOLE 137 ; DEPTH WATER STRUCK 55 ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☐ WEAK ☐

DATE STARTED Feb. 6 1952 ; DATE FIN. Feb. 9 1952

LABOR 80.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Holman C. Richard

DATE Feb. 9, 1952

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

DMA 5

LESSOR'S NAME Parsons HOLE NO. R-4

LOCATION OF HOLE 01 St. South of R-4

REMARKS

0	TO	5	CLAY
5	TO	96	SAND ROCK
96	TO	106	GRAY LIME
106	TO	114	BLUE LIME
114	TO	122	BROWN ROCK
122	TO	132	GLASS ROCK
132	TO	134	Trenton
	TO		
	TO		
	TO		
	TO		
	TO		

Light sulphur and a shine of zinc under glass rock.

El. 1183.3

TOTAL DEPTH OF HOLE 134 ; DEPTH WATER STRUCK 55 ;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED Feb. 9 195 2; DATE FIN. Feb. 15 195 2

LABOR 50.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Holmen & Hickord

DATE _____

DODGEVILLE MINING COMPANY
DRILL HOLE RECORDS

DMA 6

LESSOR'S NAME Parsons HOLE NO. ~~P-6~~

LOCATION OF HOLE 60 ft. east of town road and 35 ft. south of east-west fence or across the road from the timber full of digging holes.

0	TO		CLAY
	TO	75	SAND ROCK
75	TO	85	GRAY LIME
85	TO	90	BLUE LIME
90	TO	98	BROWN ROCK
98	TO	107	GLASS ROCK
107	TO	111	Trenton
	TO		
	TO		
	TO		
	TO		
	TO		

REMARKS

Sulphur down through the glass rock.
Good shines of lead and very light shines of zinc at the bottom of glass rock 105-107 ft.

TOTAL DEPTH OF HOLE 111 ft.; DEPTH WATER STRUCK 60 ft.;

TYPE OF WATER - HEAVY ☐ MEDIUM ☒ WEAK ☐

DATE STARTED Feb. 14 195 2; DATE FIN. Feb. 27 195 2

LABOR 60.00

ASSAY REPORT

ZINC _____ LEAD _____ SULPHUR _____

SIGNED Holman & Richard

DATE Feb. 27, 1952

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

PROJECT SUMMARY REPORT

By: J. W. Alt June 2, 1954

1. Docket No. DMA-1562X (Lead-Zinc)
Contract No. Idm-E168
Property: John J. Persons Lease
Location: Iowa County, Wisconsin

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

Operator's Property Rights: Lessee
Mining and Milling Lease - Dated November 16, 1948
Landlord's Subordination Agreement - Dated October 3, 1951

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

Work Authorized

Work to consist of an approximate maximum of 4380 feet of churn drill holes. If after the first eleven holes are completed the ore zone has not been found then holes 12 to 15 should be drilled. If the 15 holes have not, in the opinion of the Government established the ore zone, the contract shall terminate.

Estimated Cost of Exploration

4380 feet of contract churn drilling @ $1.00 per foot	$ 4,380.00
Assaying at $2.00 per assay	120.00
Supervision, engineering, transportation, sample preparation and miscellanous	1,500.00
Total	$ 6,000.00
Government Participation @ 50%	$ 3,000.00

Amendments

Not numbered dated December 20, 1951

1. The starting date is changed from within 30 days to within 7 months, and completion from 6 months to 15 months.

2. Allows for changing of drilling in case ore is found, the pattern of drilling as shown on the map may be changed.

3. The cost per foot is increased from $1.00 to $1.25, which means the stated approximate footage of 4,380 will be less.

Work commenced on January 21, 1952 and was completed on June 3, 1952.

Work completed

Fifteen holes with an average depth of 120 feet or a total of 1809 feet were completed.

Contract drilling 1809 @ $1.25/ft	$ 2,261.25
Total cost of work done	$ 2,820.45
Cost per foot $1.5588	

3. Audit Certificate - dated July 18, 1952

Total cost as billed by Contractor	$ 3,035.70
Exceptions prior to Audit	215.25
Exceptions during Audit	00.00
Total	$ 2,820.45
Government Participation	$ 1,410.23

4. Certification Date: No certification made as there was no discovery of ore.

5. The churn drilling accomplished under this contract did not succeed in discovery an ore body. Only minor amounts of lead-zinc mineralization was encountered, and trends that could lead to a discovery are not apparent.

There were no holes that approached values of ore grade. It does not seem likely that the results of this drilling will lead to commerical production of ore.

J. W. Alt

J. W. Alt

☒ Audited

WORK ANALYSIS SHEET - DMEA PROJECT

☒ Actual Cost

☐ Certified

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

☐ Agreed Unit Costs

Name Dodgeville Mining Co.

Docket No. DMEA-1562X

State Wisconsin

Commodity Lead-Zinc

Idn-E No. 168

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify) Churn	3,504'	$4,380.00	1,809'	$2,261.25	$2,820.45
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify) Carrying, Supervision, Technical		1,620.00		559.20	559.20
Totals		$6,000.00		$2,820.45	$2,820.45

Prepared by [illegible]

500 FILE COPY
SURNAME:

Corbett
Keller
Chambers

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

DEC 30 1952

Memorandum

To: Administrator

From: Chief, Base Metals Division

Subject: Docket DMEA 1562X, Dodgeville Mining Company

Exploration work under this contract was completed on June 3, 1952, with the drilling of 16 churn drill holes aggregating 1809 feet at a cost of $2,820.45. A final audit of the contract and the final reports of the Operator and the Field Team have been received.

No ore was found as a result of this work; the only mineralization assayed .20 percent zinc and occured in a 5' section of one of the holes.

The project has been terminated and no Certificate of Discovery will be issued.

H. F. Keller, Chief
Base Metals Division

FXCorbett/hmj
(12/17/52)
CC to: Operating Committee
Docket
Mr. Keller (2)
Mr. Corbett
Region V (2)
Mr. Kinkle
Mr. Bishop

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 10 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

December 8, 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 1562x, Contract Idm E-168
Dodgeville Mining Company, Persons Lease

Here are the original and three copies of the Government Field Team Report and the operator's final engineering report on the subject project.

The project was unsuccessful in disclosing ore and certification is not recommended.

Final accounting is as follows:

Total amount of contract	$6,000.00
Government's share (50%)	3,000.00
Total amount spent	2,820.45
Government's share of expense (50%)	1,410.22
Amount available to general fund	1,589.78

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

Case 12-10

Four copies of operator's final report detabhed in Docket & Control - 12/11/52
bl

Reviewed by
DMEA OPERATING COMMITTEE
12-15-52
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 10 1952

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL GEOLOGICAL-ENGINEERING REPORT BY FIELD TEAM REGION V

FINAL
F.T. REP.

DOCKET NO.: D.M.E.A 1562x
CONTRACT NO.: Idm E-168
COMMODITY: Lead-Zinc

Dodgeville Mining Company
John J. Persons Lease
Iowa County, Wisconsin

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

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U. S. Geological Survey

December 4, 1952

Reviewed by
DMEA OPERATING COMMITTEE
12-15-52
(date)

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Location:

The exploration program was conducted two miles southwest of Dodgeville, Wisconsin, on the John Persons lease. This is a tract of land containing ± 80 acres and described as follows: N½ SW¼ Sect. 5, T 5 N, R 3E, Iowa County, Wisconsin.

Contract Provisions and Amendments:

The U. S. Government and Dodgeville Mining Company of 924 Gay Building, Madison 3, Wisconsin, entered into contract agreement D.M.E.A. Docket 1562x, Idm E-168, dated October 2, 1951, for purposes of exploring for zinc and lead ores. Contract amount was for $6,000 with an allowable 4380 feet of churn drilling to be done on contract at a price of $1.00 per foot. Other allowable expenses were $120.00 for assaying and $1500.00 for supervision, engineering, transportation, sample preparation and miscellaneous. Government participation of the expenses was 50 percent. The Landlord's Subordination Agreement attached to the contract is dated October 3, 1951.

Prior to the company's signing the contract on December 20, 1951 an amendment dated December 4, 1951 was added which allowed for deviation from a predetermined drilling pattern if ore of a mineable grade was encountered before completing this pattern. The same amendment changed the starting and completion dates to 7 and 15 months, respectively; and increased the contract drilling cost from $1.00 to $1.25 per foot.

The contract provided for termination if the first 15 holes designated as phase one failed to establish the ore zone.

Summary and Conclusions:

The churn drilling accomplished under this contract did not succeed in discovering an ore body. Only minor amounts of lead-zinc mineralization

was encountered, and trends that could lead to a discovery are not apparent.

Completion of work authorized as phase one failed to establish an ore zone and therefore the contract was terminated.

Certification:

There were no holes that approached values of ore grade. It does not seem likely that the results of this drilling will lead to commercial production of ore. Therefore certification of this property is not recommended.

Reserves - Possible Exploitation:

Results of the drilling did not show any mineralization of sufficient value to be of mineable grade. Therefore no calculations of reserves are made, and possible exploitation need not be considered.

Expenditures:

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

Total approved	$ 6,000.00
Total cost of project	2,820.45
Government's share of cost	1,410.22
Government's share unexpended	1,589.78

Items of Expense	Expense	Cost per Foot
Wages and salaries	$ 342.25	$ .1892
Telephone	17.00	.0094
Reaming and casing holes	30.00	.0166
Transportation	15.15	.0084
Surveying and mapping	153.60	.0846
Contract drilling	2261.25	1.2500
Assaying	1.20	.0006
Total	$2820.45	$ 1.5588

The contract was completed prior to the requirements that supporting documentary evidence be submitted with the operator's monthly progress report before payment could be made. On June 26 and 27, 1952, Mr. Robert Hull, D.M.E.A. auditor from the Spokane, Washington office, made an on site audit of the project. It has been reported the audit was in accord with

the approved monthly reports.

Description of the Work:

Drilling under the contract began on January 21, 1952 and the last hole was completed on June 3, 1952. Fifteen holes with an average depth of 120 feet or a total of 1809 feet were completed.

Equipment used consisted of 22-W Bucyrus-Erie churn drills using a six inch chisel type bit. Normally only the upper unconsolidated weathered zone requires 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 taken and put in a pile on the ground for logging purposes and any assay samples required. When an ore zone is encountered, the sample interval is reduced to two feet.

Progress in drilling was variable as the number of drills employed varied from one to two. Also all work was entirely recessed from March 11 to April 29, 1952 due to ground conditions and the use of drills on other property.

Location of D.M.E.A. holes R 1 - R 9 and D 10 - D 15 are shown on Plate 1 accompanying this report. Also shown are thirteen of the operators pre-D.M.E.A. holes on and immediately adjacent to the contract property. D-16 is a post-D.M.E.A. hole. Logs of the D.M.E.A. drilling are to be found in "Appendix A" of this report. Records of the other drilling by the company in this area are on file in the Southwest Wisconsin District Atlas.

Phase one drilling consisted of two north-south rows of holes. One row near the center of the property crossed a lead range showing many shallow pits and shafts. A second row drilled along the west property line crossed the same lead range and also a possible projection of the North Survey Mine located approximately one-quarter mile to the west. The central portion

of this row had been drilled prior to granting the contract. Therefore D.M.E.A. drilling completed the section with six additional holes north and four holes to the south.

Results showed only minor amounts of lead, zinc, or iron mineralization. The fifteen holes authorized did not in the opinion of D.M.E.A. representatives establish an ore zone, and therefore the contract was terminated.

Technical Control - Supervision

Direct supervision of the project was a company responsibility according to the terms of the contract. Holes were located and drilled in accordance with contract provisions.

Driller's logs, elevations, maps, and assays were provided by the operator monthly. Because Dodgeville Mining Company does not have in its employ anyone with a technical background, the logs submitted did not contain as much detail as is desirable. Therefore each hole was also logged by W. A. Broughton of the U. S. Geological Survey and it is this log which has been filed in the Wisconsin District Atlas, copies of which are submitted with this report under Appendix A.

Final geologic report and results of drilling by the Dodgeville Mining Co. in the John J. Persons property, Iowa County, Wis.

W. A. Broughton

U. S. Geological Survey

Docket no.: DMEA 1562X
Contract no.: Idm-E168
Commodity: Zinc-lead

Location of property

The John J. Persons property is about 1½ miles southwest of the city of Dodgeville, Iowa County, Wis. (fig. 1), and includes the N½SW¼ sec. 5, T. 5 N., R. 3 E. The property is a short distance east of the old North Survey mine in sec. 6 (pl. 1).

Exploration

Exploration in the John J. Persons property was an attempt to locate zinc and lead ore in an area of strong eastward-trending lead ranges southwest of Dodgeville.

In 1948-and 1949 the Dodgeville Mining Co. drilled 46 holes in the Persons property and adjacent area. Five holes (nos. 1-5, pl. 1) were drilled in the Persons property. Holes nos. 1 and 4 could not be found in the field, so only their approximate locations are shown on plate 1. The Dodgeville Mining Co. reported that cuttings from all of these holes contained iron sulfides, those from hole no. 1 contained "light shines of lead and jack" and those from hole no. 2 contained "light lead".

Thirty-three holes were drilled east of the southeast end of the North Survey mine, which is one-quarter of a mile west of the Persons property. This drilling indicated a possible eastward extension of the ore. Eight holes were drilled just west of the Persons property in an unsuccessful attempt to locate a further eastward extension of ore from the North Survey mine (pl. 1).

DMEA holes nos. R1-R5 were drilled in the central part of the Persons property to explore the area of the Dodgeville Mining Company's holes nos. 1-5 and the area of the old lead shaft (pl. 1). DMEA holes nos. R6-R10, D11-D15, and Company hole no. D16 were drilled along the western edge of the Persons property as another attempt to locate an eastward extension of ore from the North Survey mine (pl. 1).

Occurrence of ore

Ore-bearing beds

Zinc and lead minerals of the area in which the John J. Persons property is located occur 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 ore and recent lead ore was produced from the upper part of the Platteville formation. Miners' terms, subdividing the formations into members, are used in this report.

Recent drilling in the John J. Persons property by the Dodgeville Mining Co. has shown lean and scattered deposits of galena from the "drab"

into the top of the "Trenton". Lean and scattered deposits of sphalerite occur in the lower part of the "drab", the upper part of the "gray", and from the "blue" into the top of the "Trenton". Zinc and lead ore occurs in the North Survey mine (pl. 1) near the "glass rock"-"Trenton" contact (fig. 2), but no ore was found in the Persons property.

Geologic structure

In the southwestern Wisconsin mining area the limbs of synclines may contain steeply inclined mineralized fractures called "pitches". The pitches are steeply dipping reverse faults roughly paralleling the trends of the synclines and may develop on both limbs of the synclines. They are inclined away from each other on opposite limbs and may extend from the lower "drab" into the top of the "Trenton". Nearly vertical mineralized fractures, called "crevices", may develop in the "drab" and the "gray". They are similar to the pitches except that they usually do not show reverse movement and may overlie either syncline or anticline. Several relatively closely spaced and parallel crevices constitute a "range".

Early lead-ore production from the mapped area came from east-west ranges. Several small crevices were cut by the Dodgeville Mining Company's drill holes, but none of them appeared to contain enough galena to make ore (app. A, logs).

All Ordovician rocks in this area have been gently folded. Known fold axes indicated by structure contours on the top of the "brown rock", as mapped from drill-hole data, trend generally northeastward and eastward (pl. 1). Structure contours (pl. 1) are necessarily incomplete, owing to

scarcity of subsurface information. The striking features of the mapped structure are the northeastward-trending folds extending from the drilled area just east of the North Survey mine across the northwest corner of the Persons property. These folds contain zinc and lead ore east of the North Survey mine and also contain the most abundant zinc and lead minerals found on the Persons property by the recent drilling. This fold trend merits further prospecting.

Results of exploration

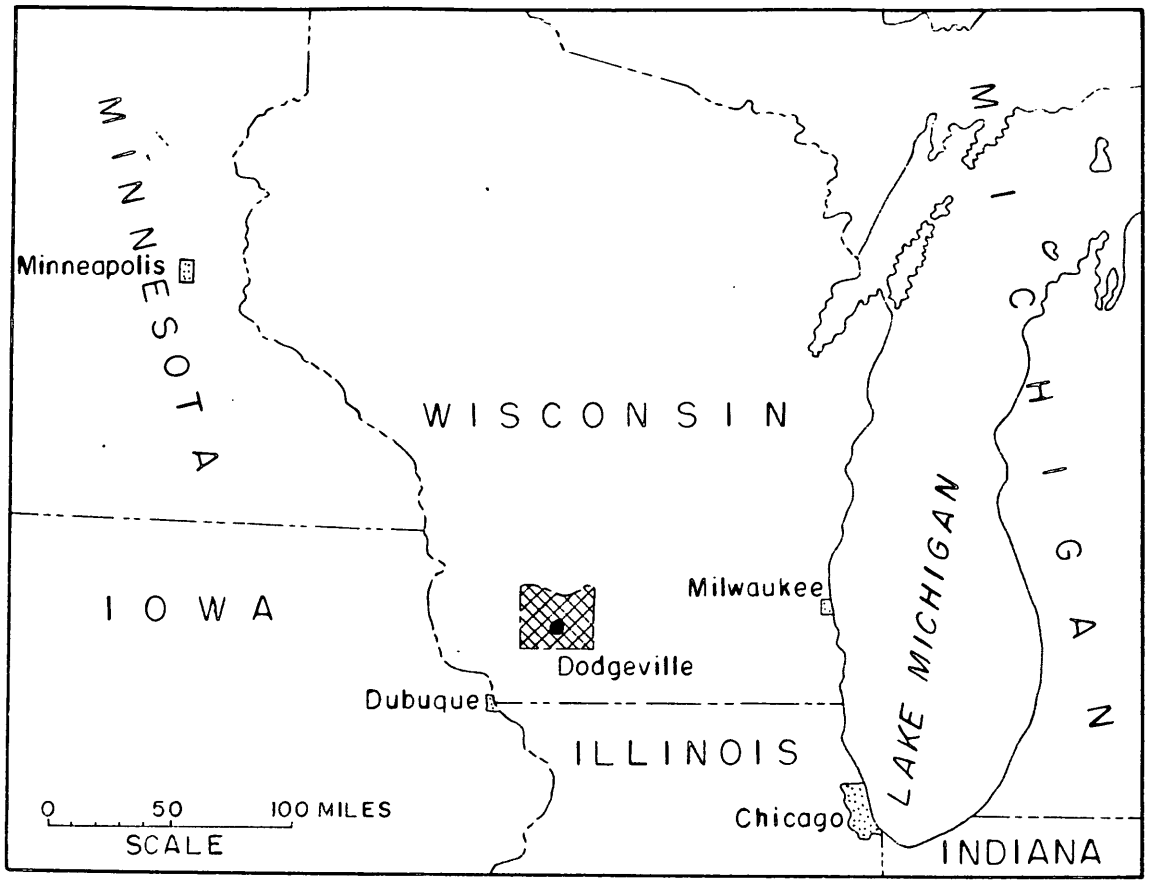
The Dodgeville Mining Co. is very reluctant to assay drill cuttings that do not appear to be of good ore grade. Thus zinc and lead values given in the drill-hole logs (app. A) are chiefly visual estimates made by the U. S. Geological Survey field representative and are believed to be reasonably accurate. Samples of the better cuts are being held on file in the U. S. Geological Survey office at Platteville, Wisconsin, and can be made available for assay to authorized persons.

All of the 15 DMEA drill holes in the Persons property show small amounts of sphalerite or galena (app. A, drill-hole logs). Ten of the drill holes show small amounts of both ore minerals. None of the holes showed zinc or lead ore of mineable thickness. No. D11 is the best hole drilled on the Persons property, showing 5 feet of material estimated to contain 3 percent lead and less than 1/4 percent zinc in the bottom of the "blue" and the top of the "brown rock". However, this hole can hardly be considered to have penetrated material of ore grade.

Recommendations

It is the opinion of the reporting geologist that drilling by the Dodgeville Mining Co., with DMEA assistance, failed to discover zinc and lead ore of mineable grade in the John J. Persons property during stage 1 (see Contract Idm-E168) of the exploration program. However, the North Survey ore zone apparently crosses the northwest corner of the Persons property (pl. 1). Stage 2 of the exploration program was not begun inasmuch as stage 1 failed to discover ore "of a mineable grade on the then existing ore market" (see contract). Therefore it is recommended that the exploration not be certified as a discovery.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



INDEX MAP SHOWING LOCATION OF IOWA COUNTY, WISCONSIN

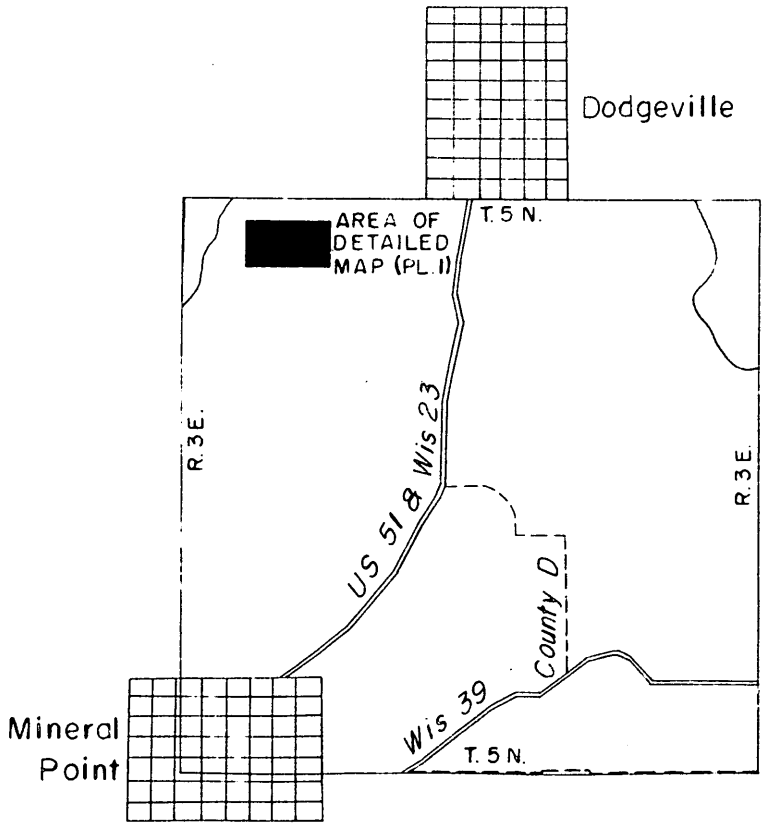


Figure I MAP SHOWING LOCATION OF THE JOHN J. PERSONS PROPERTY AREA, IOWA COUNTY, WISCONSIN

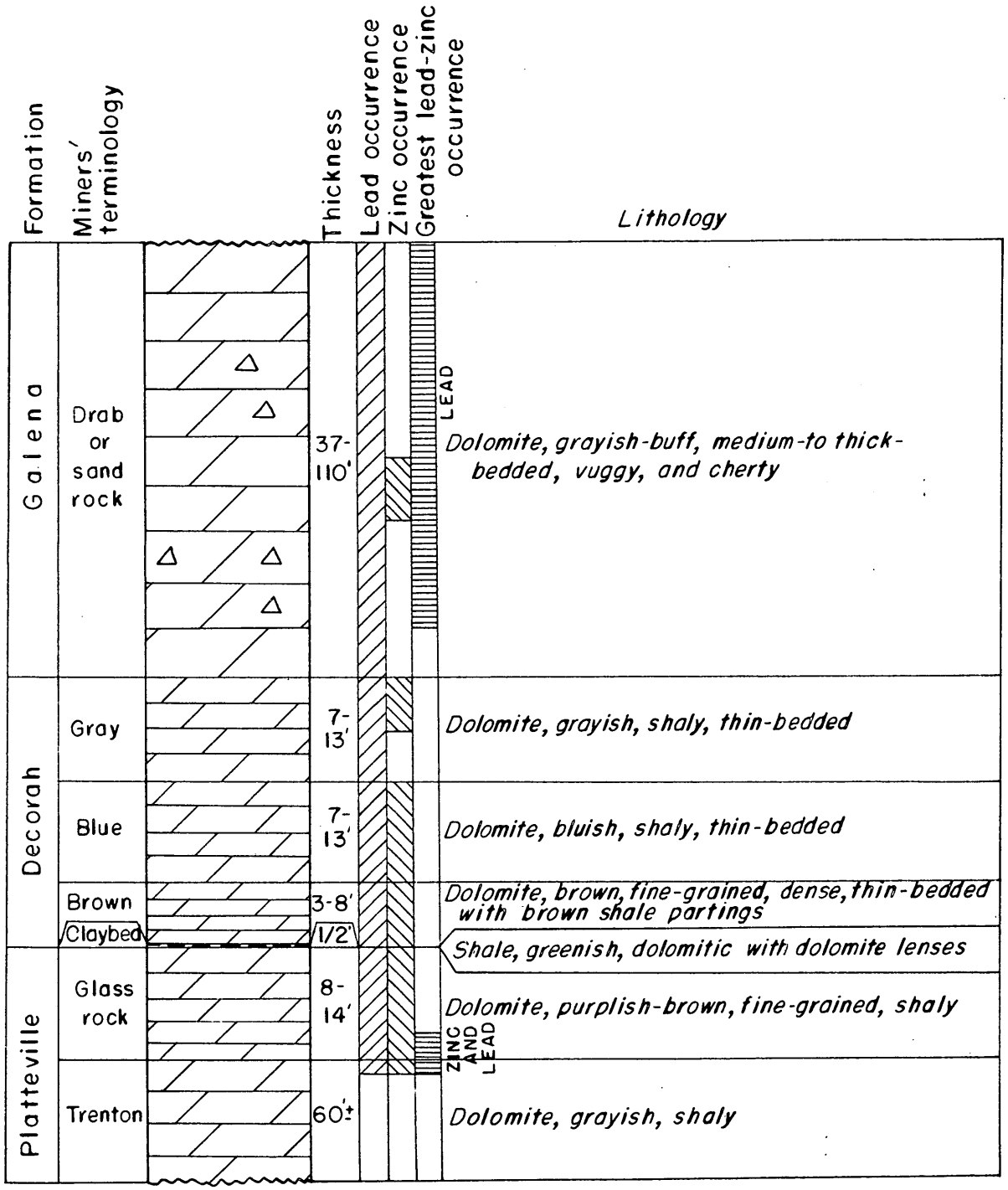


Figure 2. Stratigraphic section of the John J. Persons area, Iowa County, Wisconsin, showing zones of zinc and lead ore.

Appendix A

Drill Hole Logs and Assays

Iowa County
~~Sec. Ref. 257~~

~~Serial No. 6~~
Hole No. R-1
Collar Elevation: 1189.8'
Depth of Hole: 135'
Location: Persons

Date completed: 1/25/52
Drilled by: Dodgeville Mn. Co. DMA
Logged by: Broughton
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	5	Missing
5	95	Drab
95	105	Gray
105	118	Blue
118	122	Brown
122	133	Glassrock
133	135	Trenton

Water table: 60' Heavy

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
5	45		Shine	Shine
45	55		Shine	
55	60		Shine	1.
60	65		Shine	1.5
65	75		3.	1/2
75	90		2.	Shine
90	110		1.	Shine
110	127		Shine	Shine
127	129		1.	Shine
129	131		3.	Shine
131	135		1.	Shine

~~Serial No. 7~~
Hole No. R-2
Collar Elevation: 1186.5'
Depth of Hole: 131'
Location: Persons

Date completed: 2/5/52
Drilled by: Dodgeville Mn. Co., DMA
Logged by: Broughton
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	10	Clay and Drab
10	92	Drab
92	100	Gray
100	109	Blue
109	118	Brown
118	129	Glassrock
129	131	Trenton

Water table: 55' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	75		Shine	
75	80	Shine	1.	
80	85	Shine	1.	Shine
85	90		Shine	Shine
90	95		Shine	

Continued

Iowa County

~~Sec [redacted] 257~~

~~Serial No. 7~~

Hole No. R-2 (Cont'd)
Collar Elevation: 1186.5'
Depth of Hole: 131'
Location: Persons

Date completed: 2/5/52
Drilled by: Dodgeville Mn. Co., DMA
Logged by: Broughton
Type of Drilling: Churn

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
95	100		Shine	Shine
100	110		Shine	
110	115	Shine	Shine	Shine
115	127		Shine	
127	129		2.	
129	131		Shine	

Depth From	Depth To	Assay Zn	Fe	Pb
110	115	0.20		

~~Serial No. 8~~

Hole No. R-4
Collar Elevation: 1187.4'
Depth of Hole: 137'
Location: Persons

Date completed: 2/9/52
Drilled by: Dodgeville Mn. Co., DMA
Logged by: Broughton
Type of Drilling: Churn

Depth From	Depth To	Lithology	
0	15	Clay and Drab	
15	95	Drab	
95	105	Gray	
105	118	Blue	
118	125	Brown	
125	136	Glassrock	
136	137	Trenton	Water table: 55'

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	70		Shine	
70	75		1/4	
75	90		1/2	
90	95		1/2	Shine
95	100		1/4	
100	110		1.	
110	129		2.	
129	131	Shine	2.	Shine
131	134		1.	Shine
134	136		1/2	Shine
136	137		Shine	Shine

Iowa County

~~Serial No. 26~~ ~~Ref. 257~~

Hole No. R-3
Collar Elevation: 1174.3'
Depth of Hole: 125'
Location: Persons

Date completed: June 3, 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	83	Drab	
83	90	Gray	
90	103	Blue	
103	109	Brown	
109	121	Glass	
121	125	Trenton	Water table: 50'

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	20		Shine	
20	25		1.	
25	45		3.	
45	50		5.	
50	60		25.	
60	65		10.	
65	75		5.	
75	85		3.	
85	100		3.	Shine
100	105	Shine	5.	Shine
105	110		3.	Shine
110	115		3.	
115	119		6.	
119	121		15.	
121	125		7.	

Heavy oxidation to 80',
Light oxidation 80 to 100'.

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Iowa County

~~Sec. [redacted] 257~~

~~Serial No. 9~~
Hole No. R-5
Collar Elevation: 1183.3'
Depth of Hole: 134'
Location: Persons

Date completed: 2/13/52
Drilled by: Dodgeville Mn. Co., DMA
Logged by: Broughton
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	15	Clay and Drab
15	92	Drab
92	105	Gray
105	112	Blue
112	122	Brown
122	132	Glassrock
132	134	Trenton

Water table: 55' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	110		Shine (oxidized)	
110	120	Shine	Shine	
120	134		Shine	

~~Serial No. 10~~
Hole No. R-6
Collar Elevation: 1152.7'
Depth of Hole: 111'
Location: Persons

Date completed: 2/27/52
Drilled by: Dodgeville Mn. Co., DMA
Logged by: Broughton
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	5	Missing
5	74	Drab
74	85	Gray
85	93	Blue
93	96	Brown
96	107	Glassrock
107	111	Trenton

Water table: 60' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
5	40	Shine	Shine (oxidized)	
40	45	1/4	1/2	
45	70	Shine	Shine	
70	85		Shine	
85	90		Shine	Shine
90	100	Shine	Shine	Shine
100	105		Shine	Shine
105	107	Shine	Shine	1/4
107	111	Shine	Shine	Shine

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~~Sec[illegible] Ref. 257~~

~~Serial No. 11~~
Hole No. R-7
Collar Elevation: 1150.2'
Depth of Hole: 108'
Location: Persons

Date completed: March 1, 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 bna Drab
10	70	Drab
70	80	Gray
80	90	Blue
90	93	Brown
93	103	Glass
103	108	Trenton

Water table: 55' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	25		Shine oxidized	
25	40		Shine oxidized	Shine
40	50		Shine	
50	55		Shine	Shine
55	70		Shine	
70	75	Shine	1/4	Shine
75	80		Shine	Shine
80	85		Shine	Shine
85	90		Shine	1/4
90	92½	Shine	Shine	2.
92½	95	Shine	1/2	1/2
95	97½	Shine	Shine	Shine
97½	102		Shine	Shine
102	108	Shine	Shine	Shine

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Iowa [redacted]nty
~~Sec[redacted]ef. 257~~

~~Serial No. 12~~
Hole No. R-8
Collar Elevation: 1147.8'
Depth of Hole: 104'
Location: Persons

Date completed: March 8, 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	68	Drab
68	78	Gray
78	86	Blue
86	90	Brown
90	100	Glass
100	104	Trenton

Water table: 45' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	45		Shine oxidized	
45	75		Shine	Shine
75	80		1/4	Shine
80	85		Shine	Shine
85	90	Shine	1/4	1/4
90	92	Shine	1/4	Shine
92	104	Shine	Shine	Shine

~~Serial No. 13~~
Hole No. R-9
Collar Elevation: 1143.3'
Depth of Hole: 96'
Location: Persons

Date completed: March 11, 1952
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	57	Drab
57	67	Gray
67	77	Blue
77	81	Brown
81	95	Glass
95	96	Trenton

Water table: 45' Medium

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	45		Shine oxidized	
45	50		Shine	
50	60		Shine	Shine
60	65	Shine	Shine	Shine
65	67		Shine	Shine
67	77		Shine	Shine +
77	96		Shine	Shine

Iowa County

~~Serial No. 14~~ ~~Ref. 257~~

Hole No. E-10
Collar Elevation: 1136.5'
Depth of Hole: 92'
Location: Persons

Date completed: 5/1/52
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	53	Drab
53	65	Gray
65	72	Blue
72	76	Brown
76	86	Glass
86	92	Trenton

Water table: 35' Heavy

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	30		Shine oxidized	
30	35		Shine oxidized	Shine
35	50		Shine oxidized	
50	55		1.	
55	65		2.	
65	70		2.	Shine
70	77½		2.	1.
77½	84		1.	Shine
84	86		2.	Shine
86	88	Shine	3.	Shine
88	90	Shine	2.	1/4
90	92		1.	Shine

~~Serial No. 15~~

Hole No. D-11
Collar Elevation: 1119.8'
Depth of Hole: 77'
Location: Persons

Date completed: 5/3/52
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	37	Drab
37	48	Gray
48	57	Blue
57	61	Brown
61	71	Glass
71	77	Trenton

Water table: 25' Heavy

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
0	20		Shine	
20	25		Shine	Shine
25	30		3.	Shine
30	35	Shine	5.	Shine
35	40	Shine	3.	Shine
40	45	Shine	1.	Shine
45	50		3.	Shine

Continued

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~~S[redacted] Ref. 257~~

~~Serial No. 15~~
Hole No. D-11 (Continued)
Collar Elevation: 1113.8'
Depth of Hole: 77'
Location: Persons

Date completed: 5/3/52
Drilled by: Dodgeville Mn.Co., DMA
Logged by: Broughton, U.S.C.S.
Type of Drilling: Churn

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
50	55		2.	Shine
55	60	Shine	5.	3.
60	69		2.	Shine
69	71		1.	Shine
71	73		2.	Shine
73	77	Shine	2.	Shine

Oxidized from 0 to 30'

~~Serial No. 16~~
Hole No. D-12
Collar Elevation: 1178.3'
Depth of Hole: 131'
Location: Persons

Date completed: May 8, 1952
Drilled by: Dodgeville Mn.Co., DMA
Logged by: Broughton, U.S.C.S.
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	15	Missing
15	88	Drab
88	100	Gray
100	108	Blue
108	113	Brown
113	115	Glass
115	128	Glass
128	131	Trenton

Water table: 10' Heavy

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
15	35		Shine	
35	40		1.	
40	45		5.	
45	55		8.	
55	60		5.	
60	75		2.	
75	85	Shine	2.	
85	90		2.	
90	95		4.	
95	115	Shine	3.	
115	120		3.	Shine
120	126		3.	
126	128	Shine	6.	
128	131		4.	

Hole oxidized to 85'

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~~Serial No. 17~~
Hole No. D-13
Collar Elevation: 1183.7'
Depth of Hole: 138'
Location: Persons

Date completed: May 13, 1952
Drilled by: Dodgeville Mn. Co. DMA
Logged by: Broughton, U.S.G.S.
Type of Drilling: Churn

Depth From	Depth To	Lithology
0	15	Missing
15	93	Drab
93	105	Gray
105	118	Blue
118	125	Brown
125	133	Glass
133	138	Trenton

Water table: 70'

Depth From	Depth To	Remarks and Estimated Analyses Zn	Fe	Pb
15	20		Shine	
20	25		Shine	Shine
25	50		Shine	
50	60		4.	
60	75		2.	
75	80		6.	
80	90		10.	
90	100		8.	
100	105		5.	
105	110		10.	
110	120		5.	
120	127½		5.	Shine
127½	132		3.	
132	136		3.	Shine
136	138		5.	

Hole oxidized to 100'

~~Serial No. 18~~
Hole No. D-14
Collar Elevation: 1189.1'
Depth of Hole: 143'
Location: Persons

Date completed: May 15, 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	99	Drab
99	110	Gray
110	119	Blue
119	130	Brown
130	141	Glass
141	143	Trenton

Water table: 75'

Continued

John J. Persons Lease -- D.M.A. 1562X
Geologic and Engineering Report

Location of Lease: This lease covers property located in the Town of Dodgeville about four miles southwest of the city of Dodgeville, Iowa County, Wisconsin, in an area heavily mined for lead in the early days. The leased lands are more specifically described as the north half of the southwest quarter of Section Five, Township Five North, Range Three East, Iowa County, Wisconsin.

History of Exploration Project: The contract was entered into with the government on October 2, 1951. Prior to this date in 1948 and 1949 the company, Dodgeville Mining Company, had drilled five holes on the lease. One of these holes showed shines of lead under the glass rock. Another showed shines of both lead and zinc under the glass rock.

Churn drilling under the contract began on January 21, 1952 and continued as weather permitted until the project was completed on June 3, 1952. During this period sixteen holes were drilled namely, R-1 to R-9 inclusive, and D-10 to D-16 inclusive. D-16 was drilled by the company on its own and does not come under the contract.

Drilling was done in consultation with representatives of the Bureau of Mines and Geological Survey, Platteville, Wisconsin. Little evidence of mineralization was found of either zinc or lead. The only hole considered worthy of assay was R-2 which showed 0.20 percent of zinc for a five-foot run in the brown or oil rock beginning at a depth of 110 feet.

Monthly reports were made during the drilling period which included detailed maps, drill hole logs and assay reports on holes assayed.

Object of Drilling Program: The object of the drilling program was to explore the possibility of an east and west run of zinc and lead ore below the glass rock lying along an old east and west lead run mined out in former years.

Holes R-1 to R-5 inclusive were drilled in the neighborhood of an old abandoned shaft, as shown on the map by Ottensman and Dixon accompanying this report. The purpose of these holes was to supplement drilling formerly done by the company (1, 2 and 3 as shown on the map) in an attempt to locate a mineralized area.

Holes R-6 to R-11 inclusive and D-12 to D-16 inclusive were drilled to supplement drilling formerly done by the company on another lease (holes 5 to 8 inclusive and 101 to 104 inclusive as shown on the accompanying map) in an attempt to locate a mineralized area by again cross cutting the old lead range at another location.

Description of Area Drilled: The general geology of the area is common to other areas in southwesterm 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 two to seven feet of clay. Below the clay lies a strata of dolomite or drab commonly called sand rock of a thickness of from 30 to 100 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 eight 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.

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

July 8, 1952.

James J. McDonald
General Partner, Dodgeville
Mining Company.

Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

November 28, 1952

MEMORANDUM

To: Kenfield Bailey, Chief, Budget and Finance Branch
Washington 25, D. C.

From: Special Assistant to the Regional Director - Region V

Subject: DMEA Report Under 14X4401 Revolving Fund,
Defense Production Act, Interior

Reference is made to your monthly advice of documents transmitted, dated August 29, 1952, wherein you requested that $1,589.77 be released under Contract No. IDME-168, Dodgeville Mining Company, Docket No. 1562X. This amount was canceled on our books on August 31, leaving a balance of one cent, since the amount remaining in this account prior to the release was $1589.78.

For your information, the following is a list of the transactions appearing on this operator's ledger:

Amount of Contract			$3,000.00
Vouchers paid:			
April 11, 1952	Vo. 27	463.10	
June 2	Vo. 34	238.37	
August 13	Vo. 5	708.75	
Released August 31		1589.77	2,999.99
Balance			.01

It would be appreciated if you would cancel the full amount of the balance of this contract on your December books and include the adjustment on your December advice to us.

Our report for November is enclosed.

L. A. Hill

Enclosure

C
O
P
Y

Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

August 29, 1952

Memorandum

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

From: Executive Officer, Field Team, Region V

Subject: Completed exploration projects

For your information, the following projects have been completed as to field work. Operator's final engineering and geological reports and the Government's final report have not been received on them; therefore, final official notice on termination and balance of funds available have not been made to you.

Docket	Contract	Operator	Date completed
812a	E99	Black Hills Keystone	8/3/52
1145	E11	Dodgeville - Jones	5/17/52
1227	E50	Vinegar Hill - Hancock	5/1/52
1315	E178	J. E. & L. M. Miller	8/20/52
1560	#42	Dodgeville - Weigle	3/31/52
1562	E168	Dodgeville - Pearson	6/3/52
1985	E171	Star Mining Co.	8/29/52
2078	E263	L. D. Pitts	8/29/52
2392	E352	Mineral Mills - Glenwood	7/16/52

As operator's reports, Government reports, and audit reports are made available to us, we will complete the projects officially and transmit notice with balance of funds available to you.

This serves only to keep you abreast of field activities.

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

ABNeedham:dg

cc Dutton
Mullen
Redden
Grosh
Broughton
Region V
Files, df

BL

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

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

August 18, 1952

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 Progress Report for May 1952 (Final)
Docket DMEA-1562x, Contract Idm-E168 (Persons Lease)
Dodgeville Mining Co.

Here are two copies of the final voucher as processed for payment, which is in accord with the final audit made by Auditor Hull on July 18, 1952, a copy of which we suppose you have received by now.

We have received the company final geological and engineering report, but the Government report is not quite ready. We will submit our report and the company report together with a transmittal letter advising money spent and balances available in a short time.

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

Attachments

ABNeedham:dg
cc Dutton
Grosh
Broughton
Hill
Region V
files
df

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

June 2, 1952

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 Progress Report for March 1952
Docket DMA-1562x, Contract Idm-E168
Dodgeville Mining Company

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

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

Attachments
ABNeedham:dt
cc Dutton
Region V
files
df

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

April 8, 1952

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 Progress Report for January and February 1952 - Docket DMA-1562x, Contract Idm-E168 Dodgeville Mining Company (Persons)

Here are two copies of the subject Operator's Monthly Progress Report, as processed for payment, for your files.

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

Attachments

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

APR 10 1952

COPY

Mr. A. B. Needham
Executive Officer, Region V
DMEA Field Team
2908 Colfax Avenue, 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. E. Moulds, Acting Chief
Base Metals Division
Defense Minerals Exploration
Administration

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

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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 thatreason 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 kkm 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. M. Jones lease, DMA-1145;

J. ELMER WEIGEL lease, DMA 1560.

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

Mr. Knauss #2 September 20, 1951

JOHN J. PERSONS Lease - DMA-1562X;

BENJAMIN THOMAS Lease - DMA-1352X;

IRA G. POWELL Lease - DMA-1561X;

MARGARET JENKIN Lease - DMA-1351X.

Your department has asked for additional copies of these four leases together with subordination agreements from the lessors and all parties having any liens or encumbrances upon the leased properties. To date I have secured landlord's subordination agreements on the Thomas, Persons and Powell leases. There are no liens or encumbrances against the Thomas property, but there are two $2500.00 mortgages against the Powell property and a $2500.00 mortgage against the Persons property. One of the mortgages against the Powell property and the mortgage against the Persons property are held by a bank, and the bank refuses to subrogate its mortgage for the reason that it will be criticised by the banking commission for holding anything less than a first mortgage. I have offered to purchase these mortgages personally, but thus far I have not been successful.

I am advised that several of the companies in this district have run into the same difficulty of not being able to get subrogation agreements, and that the government has accepted their guarantee for the repayment of the funds until such time as subrogation agreements may be secured. A copy of this type of agreement is being forwarded to me today by your Platteville, Wisconsin office. We will execute these and forward them to you.

Margaret Jenkin is out of the city on a vacation trip and I am very much afraid that she will refuse to sign a subrogation agreement, as she doesn't care whether or not her property is prospected or mined, as she is by no means in need of funds.

The copies of leases and the subrogation agreements already obtained, together with properly executed copies of our guarantee, will be forwarded to you early next week.

Very truly yours,

DODGEVILLE MINING COMPANY

JJMcD:L s/ By: JAMES J. McDONALD

FILE COPY
SURNAME:

mittendorf

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

AIR MAIL

SEP 10 1951

A. E. C.

Rougeville Mining
938 Jay Building
Madison 3, Wisconsin

Attention: Mr. James McDonald

Re: Docket No. DMA-1502, Lease-Inc

Dear Sir:

Enclosed find six, Landlord's Subordination Agreements, Form DF-202.

Please have these executed by the owners of the John H. Parsons lease and return to this office.

Be very sure that these agreements are not dated as this will be done in this office.

Sincerely yours,

C. O. Mittendorf

C. O. Mittendorf, Director
Production Expansion Division

Enclosures

HHurmeister/jem
9/7/51

cc to: Adm. Reading File
Reports & Records
Messrs. Mittendorf-Blund
Mr. Billings
Mr. Note
Mr. Kernight
Mr. Hurmeister
Region V (2)
Docket

FILE COPY
SURNAME:

350

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

AUG 28 19

Re: DMA-1562X

Gildersleeve (ETMc)
McKnight
Mote
(for MJO)

a.e.e.

Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Gentlemen:

Before further action can be taken on your application (DMA-1562X) for exploration assistance on the John J. Persons lease, it will be necessary to have six completed copies of Form MF-202 Landlord's Subordination Agreement, and three additional copies of the lease. 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. Seven copies of the necessary forms are enclosed for your attention.

Very truly yours,

T. P. Billings by MJ

T. P. Billings, Chief
Lead-Zinc Branch

JF 8/28

Enclosures
BGildersleeve:emp
G 8-24-51
Copies to: A. B. Needham Region V (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Reports & Records
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

8-24-51

McKnight Memo (for note) 6/5/51 Johnson.

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-1562X

To: Production Expansion Division

Commodity Lead-zinc

From: Director, Supply Division

Total Amount $6,000

Govt. Participation $3,000

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

2. Location of Property John J. Persons Lease, N½ SW 1/4, Sec. 5, T. 5 N., R. 3 E., Southwest of Dodgeville, Iowa County, Wisconsin

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

If not, application will be rejected.

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

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

a) Good See field team report

b) Poor

c) None

d) Don't know—needs field examination

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

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

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

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

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? Don't know

b) MF-202 Yes, has been requested from applicant 8/24/51

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

a) Available manpower Yes

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

c) Accessibility (question 12)* Yes, ~~See field team report~~

d) Water (question 13)* Yes

e) Power (question 13)* Yes

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

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

Is a field check needed on this point? No

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

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

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

b) Is there an adequate map or sketch of the proposed work? Yes, see field team report

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

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

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

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? No

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

11. Exhibit B (question 23-d)*

a) Is it applicable? No

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

c) Is a field check needed?_____

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

a) Is it applicable? Yes

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

c) Are rents and charges reasonable? Yes

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

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

a) Are there sufficient data? Yes

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

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

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

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

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

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

(All exploration must be completed within two years)

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

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

Approved
Jim Lyon

Reviewed by: B. Gildersleeve GS 8-22-51

Date 8-24-51

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

EXHIBIT A

Description of project

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

Holes will be drilled into the Trenton formation, depth of which is estimated at from 100 to 150 feet. Locations of proposed holes are shown on Plate 1 of the DMA field team report.

Cost estimates

Churn drilling, 4,380 ft. at $1.00 per foot....	$ 4,380
Assaying at $2.00 per assay.....	120
Supervision, engineering, transportation, sample preparation and miscellaneous..... (estimated 25% of total)	1,500
Total.....	6,000

16. It is recommended that the project be approved for exploratory holes shown on Plate 1 of the field team report as follows:

    1. Eight holes in the vicinity of hole "C" and the old caved shaft.

    2. Two strings of holes along the western property line (NW 1/4 SW 1/4 Sec. 5) one north and one south of the string of seven blank holes.

    3. Two north-south strings of offset holes across the center of the NW 1/4 SW 1/4 Sec. 5 to be drilled after the other proposed drilling has been completed.

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

July 17, 1951

Memorandum

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

From: Executive Officer - DMA Field Team, Region V

Subject: DMA Docket No. 1562-X

Enclosed are four copies of the geologic report pertaining to the subject docket number, Dodgeville Mining Company's proposed exploration on the John J. Persons lease in Section 5, T 5 N, R 3 E.

The Field Team report on this docket was transmitted to you on June 27, 1951 in order to meet the deadline. It was indicated at that time that the geologic report would follow to complete the file.

Walter E. Lewis

Walter E. Lewis
for A. B. Needham

Enclosures:

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 20 1951
Executive Officer

JUL 20 1951

ON-SITE EXAM REP

Geologic report on the John J. Persons lease

near Dodgeville, Wisconsin

by

W. A. Broughton

JUL 20 1951

Location of property

The John J. Persons lease area is in the N1/2 SW1/4 sec. 5, T. 5 N., R. 3 E., about 2-1/2 miles southwest of Dodgeville, Wisconsin (fig. 1).

Occurrence of ore

Ore-bearing beds

Zinc and lead mineralization in the Dodgeville 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. Most of the zinc ore and recent lead ore has been produced from the upper part of the Platteville formation. 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". Erosion has removed much of this member in the Dodgeville 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

All Ordovician rocks in the Dodgeville area have been very gently folded into interfingering east-west anticlines and synclines crossed by less perceptible north-south folds. Thin bedding-plane deposits called "flats" are present locally on the limbs of the east-west synclines and along the axes of the minor north-south anticlines. The zinc ore veins, containing some lead ore, are at or near the contact between the "glass rock" and the "Trenton". However, the lack of subsurface information at the Persons property precludes determination of favorable structural trends.

Early lead ore production came from nearly vertical veins (crevices) cutting the "drab" or "sand rock". The crevices generally occur in groups of several parallel crevices constituting "ranges" that strike east-west, north-south, northwest, and northeast. Elongate areas of old shallow lead diggings indicate that large east-west ranges cross the Persons property. Individual crevices are normally as much as several inches wide with ore shoots, called "openings", at several stratigraphic horizons.

Character of the ore

The flats at the contact of the lower "glass rock" and upper "Trenton" are composed of sphalerite and some galena as ore minerals, with pyrite, marcasite, and calcite as the gangue minerals. Above the water table the sphalerite has been largely converted to smithsonite. Although the veins are relatively thin (about 3 to 6 inches average) they are normally sufficiently high grade to permit mining with 6-foot backs.

Drilling on properties adjacent to the Persons area indicates considerable zinc and lead mineralization in the "brown rock." The ore minerals probably occur as fine- to medium-grained disseminations, in favorable beds.

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

Exploration

Exploration for ore in this district is customarily by churn drilling, but prospecting for the vertical lead crevices by vertical drilling is likely to be unsuccessful. Churn drilling for the lower flats and disseminations of zinc-lead ore has more possibilities because of their greater horizontal extent.

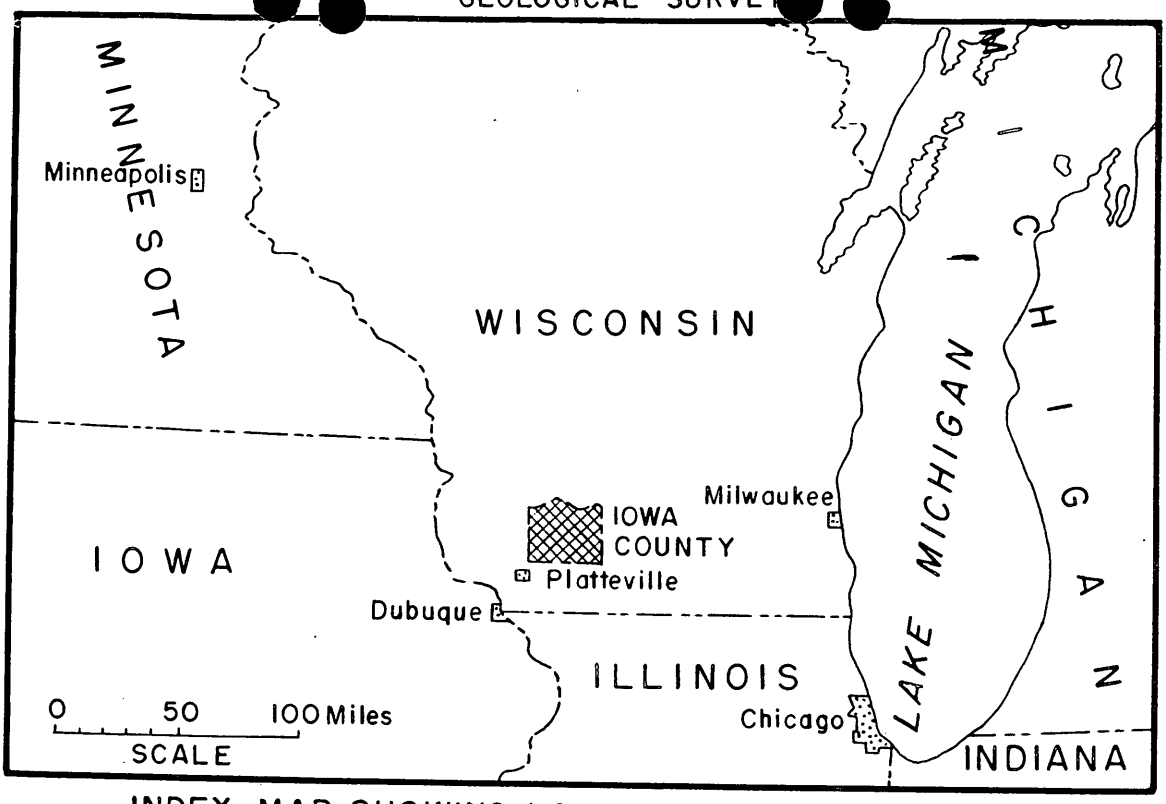
Detailed geologic structure in the Dodgeville area has not been mapped except in one mine. Thus, exploratory drilling must be done largely on trends of known ore bodies and mineralized areas. Large lead ranges indicate rather intense mineralization, and in the past, lower flats of zinc ore have been found under some of these ranges. Lead ranges on the Persons property are shown on plate 1.

Three exploratory holes (B, C, and D, pl. 1) in the northwest corner of the NE1/4 SW1/4 sec. 5, T. 5 N., R. 3 E., were drilled on a large east-west lead range. Hole C is reported to have cut heavy iron sulfide mineralization near the "glass rock"-"Trenton" contact. The applicant proposes to drill 8 holes in the vicinity of hole C and the old caved shaft (pl. 1). This is a reasonable exploration because the old shaft, the high iron sulfide content of hole C, and the lead range suggest possible zinc and lead mineralization in the vicinity.

The North Survey mine, which has produced considerable zinc-lead ore from a flat in the top of the "Trenton", is in the NW1/4 SE1/4 sec. 6, T. 5 N., R. 3 E., west of the Persons area. Drilling east of the southern end of the North Survey mine indicates a probable continuation of the ore body in that direction. Seven holes were drilled along the central part of the eastern edge of the NE1/4 SE1/4 sec. 6 (pl. 1), but they failed to cut an extension of the North Survey ore body. The applicant proposes to drill two strings of holes along the western edge of the NW1/4 SW1/4 sec. 5, one north and one south of the string of seven blank holes. If the North Survey ore body continued under the Persons property, it should be cut by this drilling.

The applicant further proposes to drill two north-south strings of offset holes across the center of the NW1/4 SW1/4 sec. 5 (pl. 1). These holes are recommended, but they should be drilled after the other proposed drilling has been completed.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



INDEX MAP SHOWING LOCATION OF IOWA COUNTY, WISCONSIN

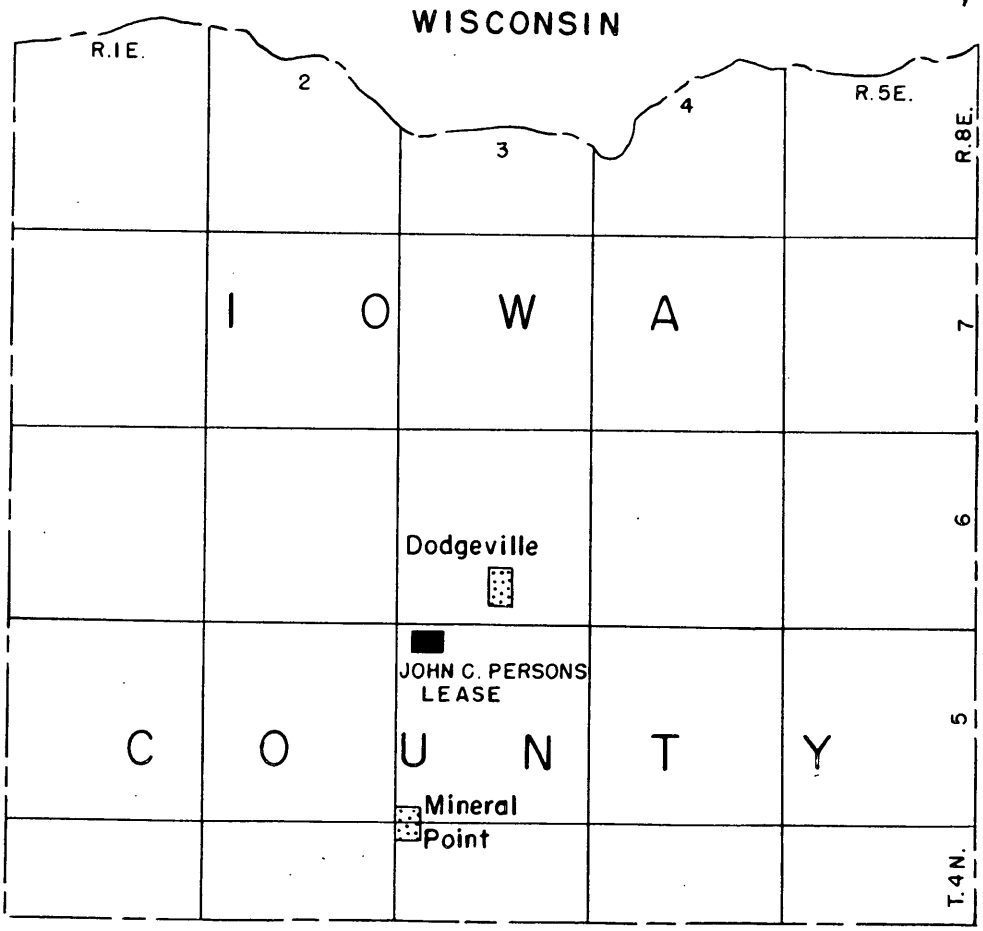


Figure 1. INDEX MAP OF IOWA COUNTY, WISCONSIN SHOWING LOCATION OF THE JOHN C. PERSONS LEASE

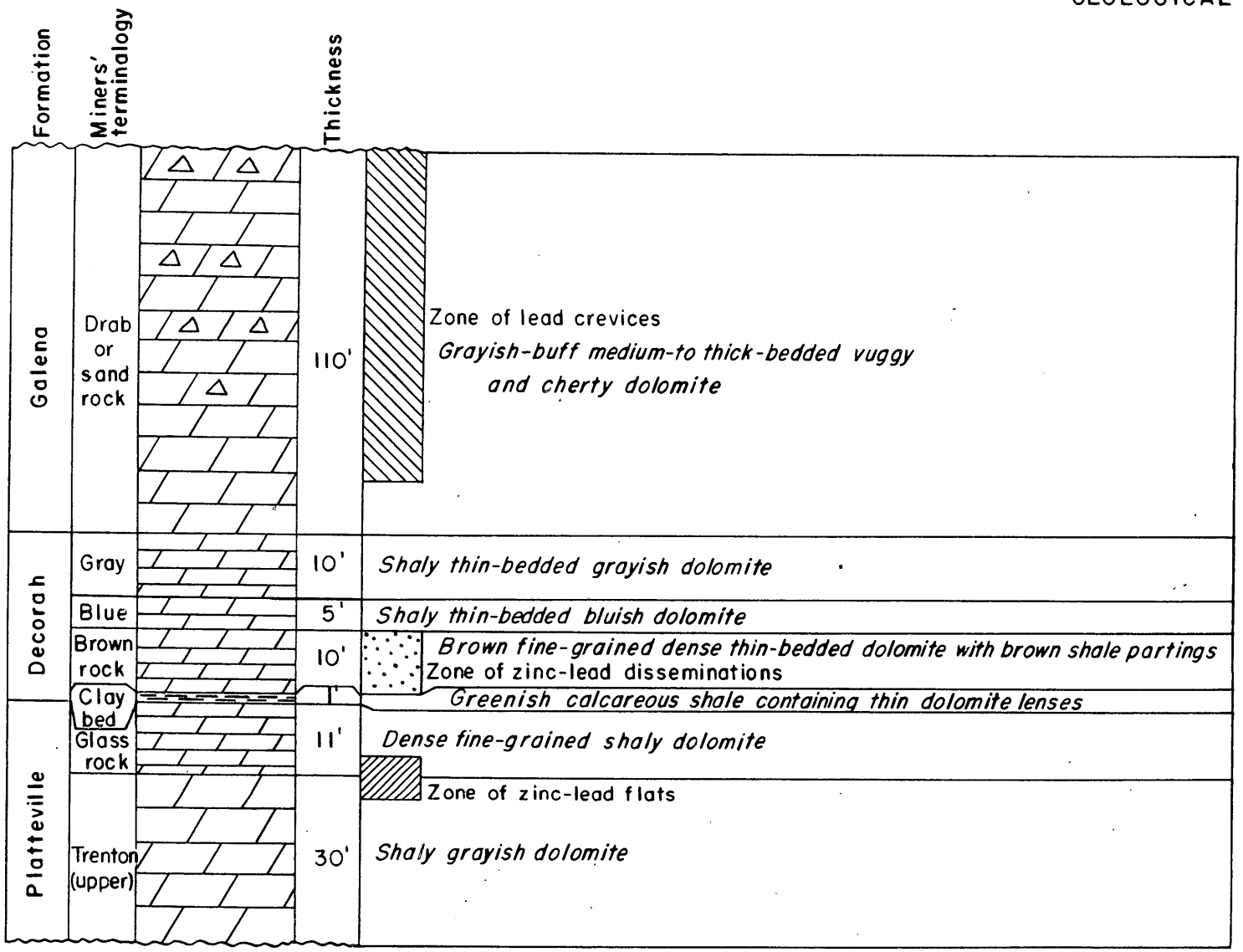


Figure 12. Geologic section showing important mineralized zones in the Dodgeville area.

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM

REGION V.

DMA - 1562 x - Dodgeville Mining Co.
John J. Persons Lease
Iowa County, Wisconsin

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

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

June 23, 1951.

Following are the findings of the field teams investigation of the Dodgeville Mining Company's exploratory lean application on the John J. Persons 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 docket 1561X)

10d. Detailed cost estemates are as follows:

4,380' drilling @ $1.00 foot	$4,380
Assaying at $2.00 per assay	120
Supervision, engineering, transportation sample preparation and miscellaneous estimated 25% of total	1,500
Total	$6,000

e. These cost estimates appear reasonable.

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

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

17. The map showing the property labeled exhibit "C" in the explanation was found to be in error in so far as the directional arrow should read "S". That means drill holes B C and D are to the North of the Shaft.

One drill hole each to the east and west and two south of the shaft is agreed by the company to be adequate. Drill hole "C" was rather heavy in iron sulphides and additional holes on either side of it are felt to also have merit.

The suggestion to drill along the west boundary to intersect the apparent trend of the North Survey Mine was considered a good plan. A portion of this has already been accomplished by drilling seven holes last fall and spring, just west of the Persons property and cross cutting this possible trend for about 300'. All of these holes were blank. However five additional holes both north and south of the drilled area, spaced 50' - 60' apart would complete a cross section along the entire west line of Persons property.

A parrallel line of holes several hundred feet to the east might also be drilled to cross cut a still further projection. If no favorable mineralization is encountered by that time a reement to terminate the project would be satisfactory to the company.

Other questions asked under this number have been discussed under previous subjects.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

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

June 27, 1951

Memorandum

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

From: Executive Officer - DMA Field Team, Region V

Subject: DMA Docket Nos. 1352-X, 1561-X and 1562-X
Exploration Applications from Dodgeville Mining Company, Wisc.

Returned are the subject referrals, together with four copies of the field team's report resulting from an investigation of each application.

You will note the geologic section is not included and the text states it will be forwarded within a few days. If it had not been for the June 30th deadline, we would have held the reports here until all data was assembled. Geologically all three projects are feasible.

We will forward the geology report when it is received so you can include it with the file.

A. B. Needham

Enclosures:

4

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

DEPARTMENT OF THE INTERIOR
RECEIVED
JUN 1 8 1951
MINERALS DIVISION
MAILING

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. 1562X

Commodity Zinc-lead

Applicant Dodgeville Mining Company, 924 Gay Bldg., Madison 3, Wisc.

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 R. Ross
For Geological Survey

JUL 2 [illegible]

4

FILE COPY
SURNAME:

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

June 18, 1951

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

Subject: DMA-1562X
Re: Exploration Loan
John J. Persons Lease

My dear Mr. McDonald:

Receipt is acknowledged of your application and attachments of May 28, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1562X and was referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on June 8, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1562X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

FILE COPY
SURNAME:

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

Heyl
G.a.a
McKnight
Herrell
Moon
Ron

mailed along with "Remin" sheet sent to field

JUN 15 1951

Re: Docket DMA-1562X

Dodgeville Mining Company
924 Gay Building
Madison 3, Wisconsin

Gentlemen:

Your application for a loan to explore the John J. Persons Lease in Iowa County, Wisconsin, has been referred to Mr. A. B. Needham Executive Officer of the Field Team, 2908 Colfax Avenue, South, Minneapolis, Minnesota, for further information and advice.

Very truly yours,

Tom Lyon, Director
Supply Division

AVHeyl:emp
G 6/14/51
Copies to: A. B. Needham Region V (2)
Chief, Lead-zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

6/5/51

Defense Minerals Administration 6-14-51

Review of Application for Exploration Assistance

Docket No. 1562X

Commodity Zinc-lead

Total Amount $6,000

Govt. Participation $3,000

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

2. Location of Property John J. Persons lease, N½, SW 1/4, sec. 5, T. 5 N., R 3 E, southwest of Dodgeville, Iowa County, Wisconsin.

3. Mineral or metal zinc and 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 Yes

e) Is there an alternative and favorable project? Yes, see item 17
(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 Will they be able to obtain enough drills and com-
(Question 14 plus general knowledge of availability)* plete program in the two years time if their other proposals are also approved?

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes, Contract churn drilling

e) Power (question 13)* Yes, Contract churn 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? Yes

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

b) Is there an adequate map or sketch of the proposed work? Yes

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?_____

d) Are the cost estimates detailed? No

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

e) Are the cost estimates reasonable? Field check required

f) Should more information be requested from applicant? Yes

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

11. Exhibit B (question 23-d)*

a) Is it applicable? No

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

c) Is a field check needed?_____

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

a) Is it applicable? Yes

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

c) Are rents and charges reasonable? Field check required

d) Is a field check needed? Yes

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

a) Are there sufficient data? No

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

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

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

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Yes, if sufficient contract drills are available

(All exploration must be completed within two years)

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

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? More detailed itemized cost estimates are needed, also the availability of drills if some of their other proposals are approved. Geologically, only a small part of the proposed program appears sound. Two or three more drill holes in the vicinity of the zinc-bearing shaft on the property seems justifiable but not a complete ring around it. See attached explanation suggesting an alternative proposal.

Reviewed by: A.V. Heyl (GS)

G. A. Apell (BM)

Date 6/14/51

97692

17. Alternative proposal for exploration on J. J. Person's lease.

The formerly mined lead range on this property is undoubtedly a typical gash-vein lead deposit along a vertical joint in the Galena Dolomite. The main zinc ore bodies are commonly in deeper stratigraphic beds than the gash-vein deposits, and are usually in the vicinity of the gash-vein deposits, but commonly do not lie directly beneath them. Nor do the trends of the two types generally correspond for long distances, particularly if the gash-vein deposits have eastward trends. For this reason the presence and known trend of the shallow gash-vein deposit is not necessarily an indication of a deeper parallel zinc deposit.

The three drill holes previously completed south of the old smithsonite-bearing shaft appear to eliminate the possibility of commercial ore in this direction (south). Perhaps one hole to the east or west of the shaft is also justifiable, as well as two or three holes to the north of the shaft to adequately explore the possibilities that this shaft suggests. The remainder of the drilling (some 35+ holes) along the lead range does not seem necessary unless very good indications are located by these initial holes.

Not mentioned in the proposal, is the North Survey zinc mine that is located on the adjoining property due west of Persons' property. Mr. Singer produced commercial ore from this mine previous to 1920 (when it was abandoned with a good ore face because of a lack of a zinc market). The North Survey mine has a general southeast trend; the ore occurring mainly as a horizontal vein at the base of the glass rock beds. Maps of this mine are in the files of the Geological Survey and the Bureau of Mines at Platteville, Wisconsin. At the southeast end of the mine the ore body turned east and has been partly drilled out by the Dodgeville Mining Company in 1948 or 49. The results of this drilling suggested that the ore body continued eastward towards the Persons' property.

An alternate proposal to that proposed by the company would be to project the general trend of the southeast end of the North Survey ore body (as indicated by the map and good drill holes) onto the Persons' property. Using this line as an initial drilling point along the west property line of the Persons' lease, a line of holes should be drilled to the north and south along the west property line to locate, if possible, the extension of the North Survey ore body. Once,(and if), located, the ore body could be followed by grid holes or cross lines of holes or by "just following the ore".

It is suggested that the field team investigate the value of this alternative possibility using the field data and records that are available. If this proposal, or a new alternative, seems better than the original company proposal, then it is suggested that a new specific proposal be formulated, in conference with the applicant and submitted as a substitute to the original one proposed.

dma 15621

DODGEVILLE MINING COMPANY
DODGEVILLE, WISCONSIN

MADISON OFFICE:
924 GAY BUILDING
MADISON 3, WISCONSIN

May 28, 1951

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

Gentlemen:

We are enclosing herewith four copies of Form MF-103 for application for aid for an exploration project pursuant to Mineral Order No. 5 under Defense Production Act of 1950, covering the John J. Persons lease, Town of Dodgeville, Iowa County, Wisconsin.

Very truly yours,

DODGEVILLE MINING COMPANY

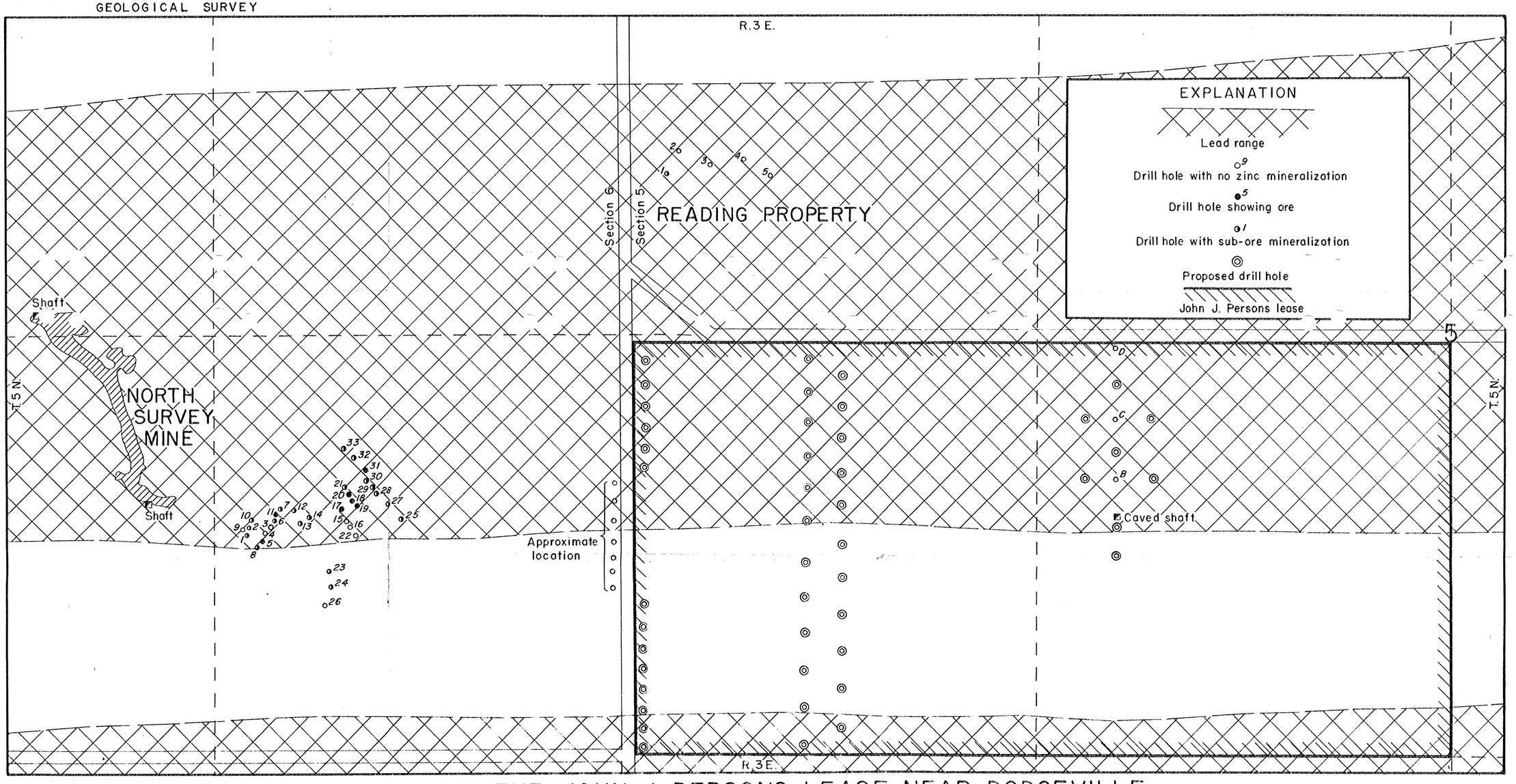
By: James J. McDonald

JJMcD:L

Enc.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLATE I

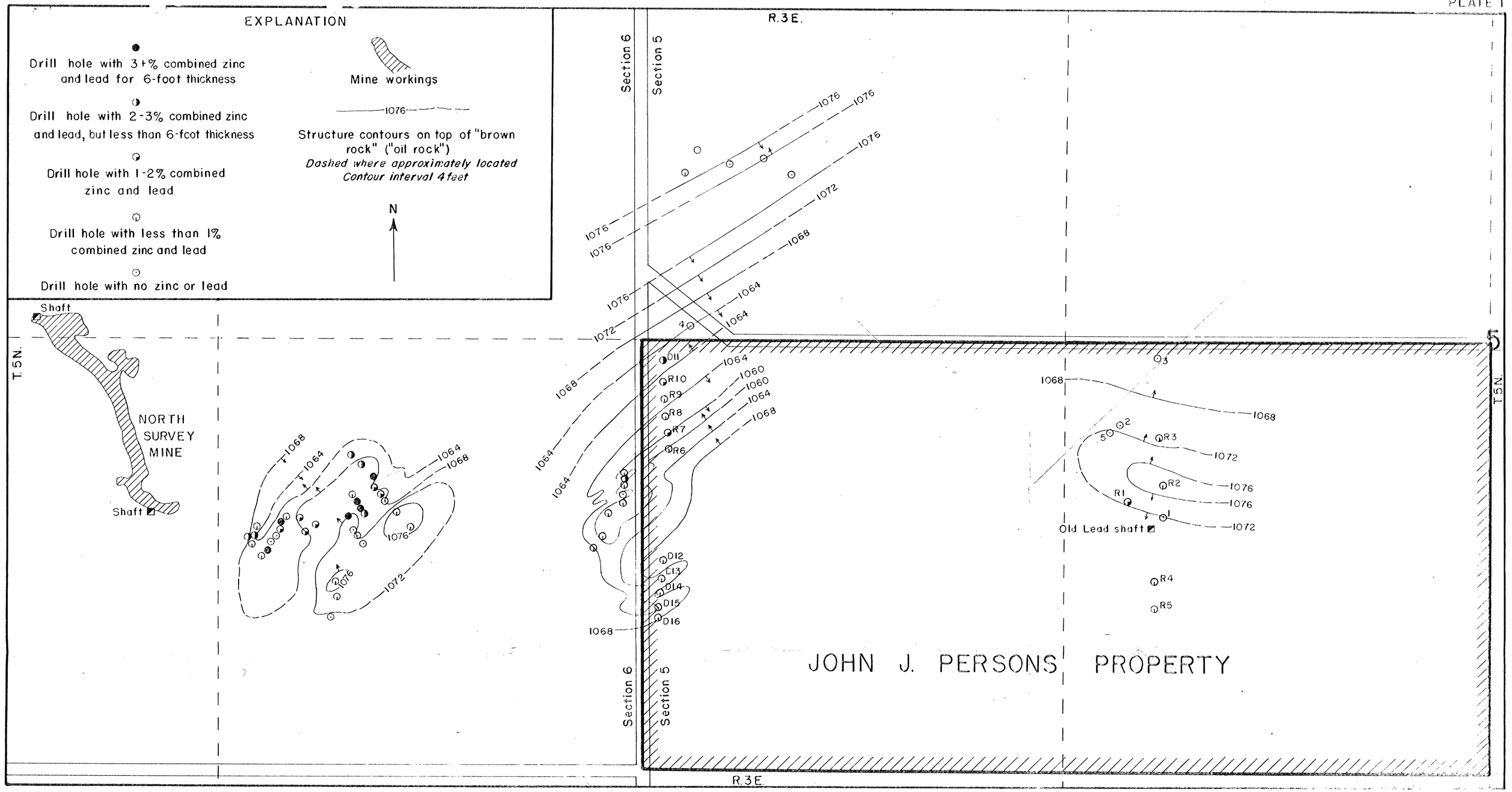


MAP OF THE JOHN J. PERSONS LEASE NEAR DODGEVILLE

IOWA COUNTY, WISCONSIN

200 0 200 400 600 Feet

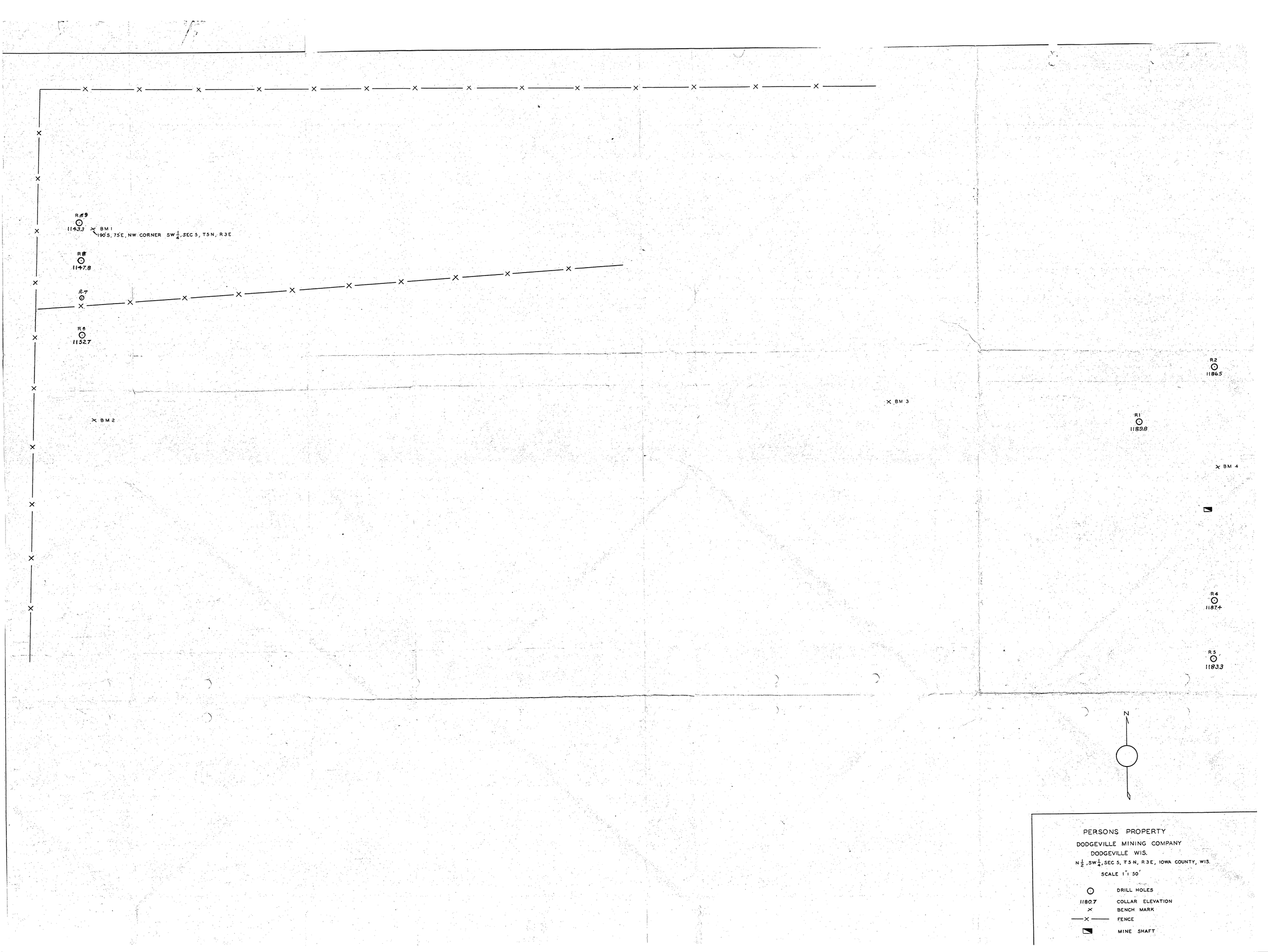
SCALE



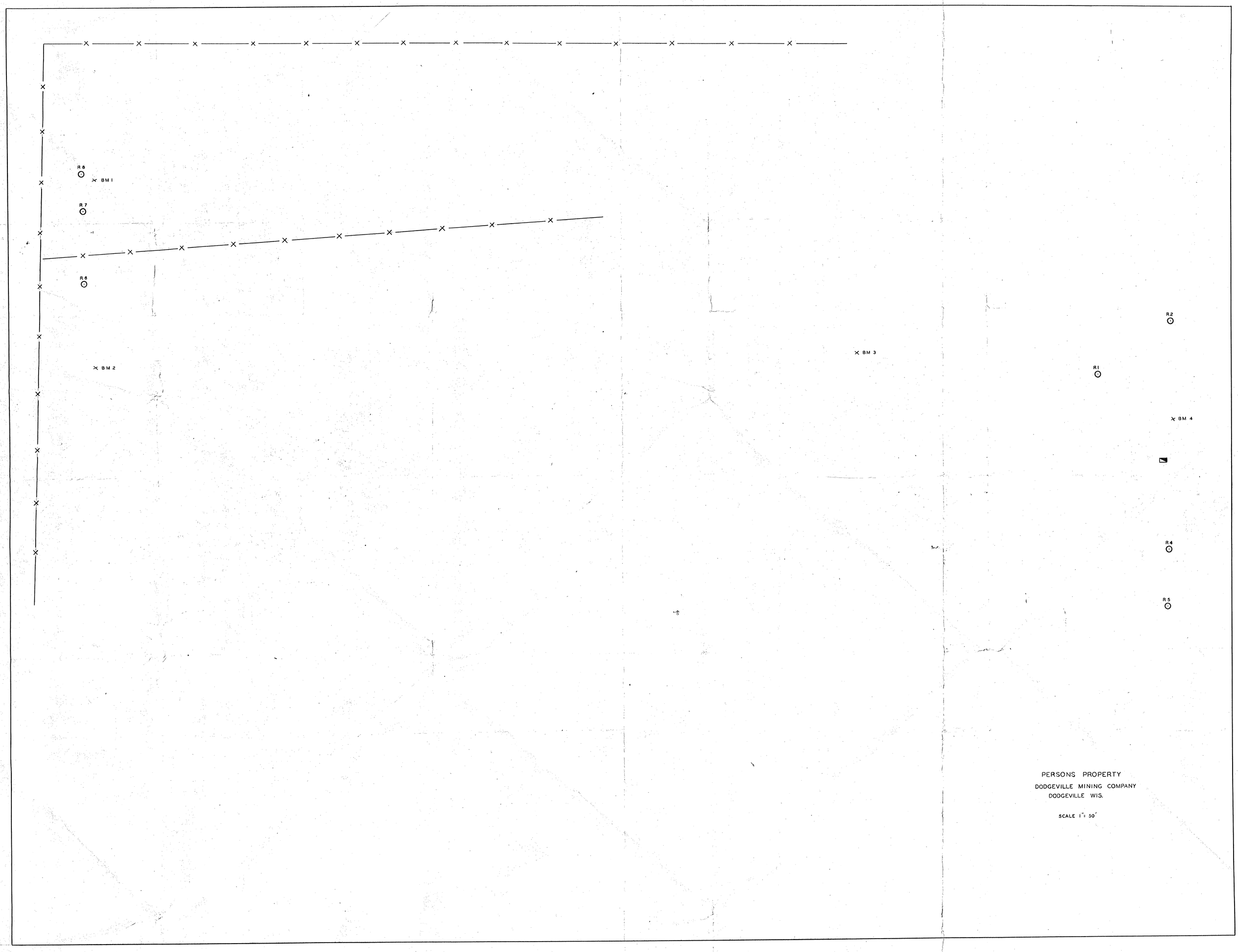
MAP OF THE JOHN J. PERSONS AREA SHOWING DRILL HOLES AND STRUCTURE CONTOURS

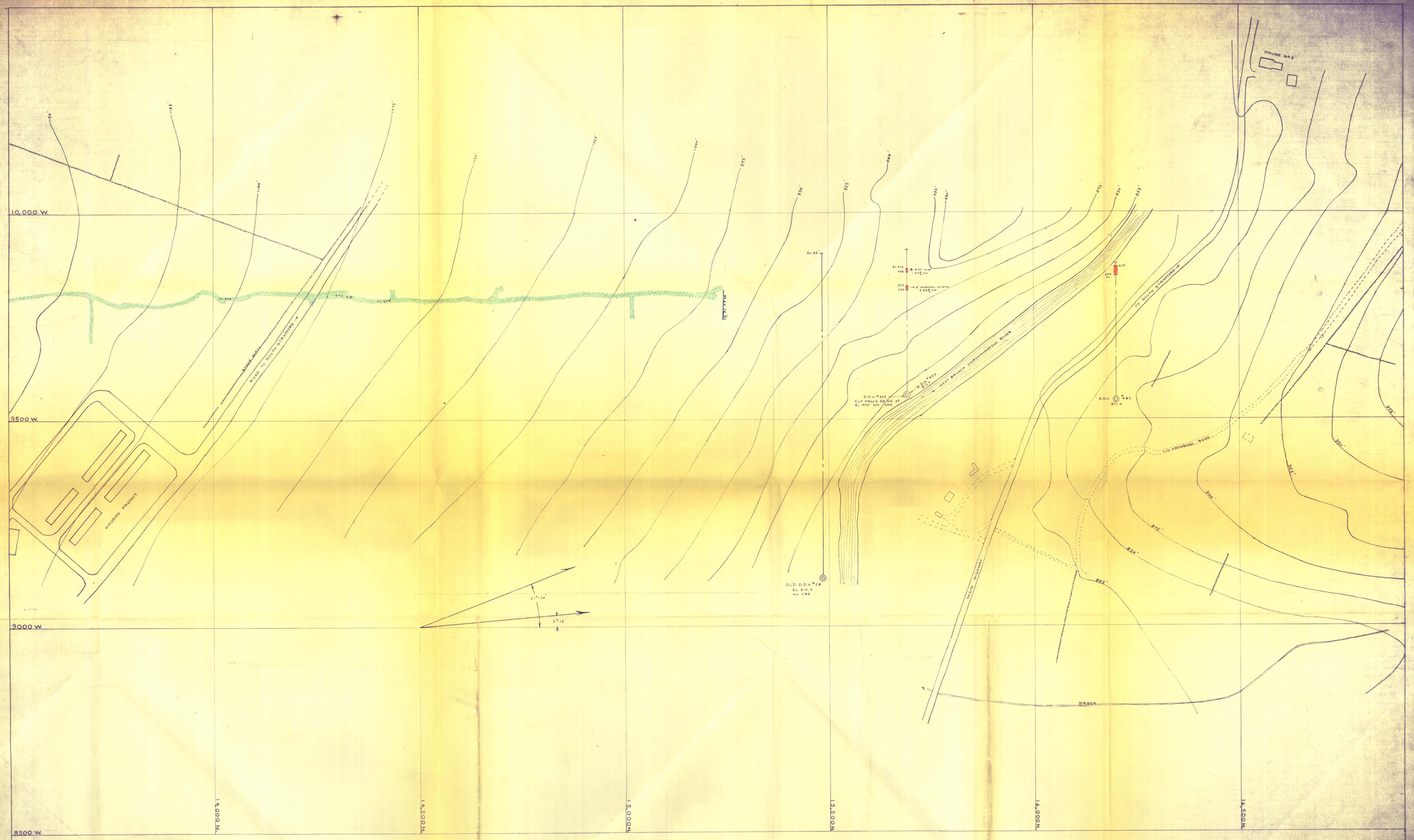
IOWA COUNTY, WISCONSIN

200 0 200 400 600 Feet
SCALE


R#9
1143.3
BM 1
190'S, 75'E, NW CORNER SW 1/4, SEC 5, T5N, R3E
R8
1147.8
R-7
R6
1152.7
BM 2
BM 3
R2
1186.5
R1
1189.8
BM 4
R4
1187.4
R5
1183.3
N
PERSONS PROPERTY
DODGEVILLE MINING COMPANY
DODGEVILLE WIS.
N 1/2, SW 1/4, SEC 5, T5N, R3E, IOWA COUNTY, WIS.
SCALE 1" = 50'
DRILL HOLES
1180.7 COLLAR ELEVATION
BENCH MARK
FENCE
MINE SHAFT

Report - May & Fennell

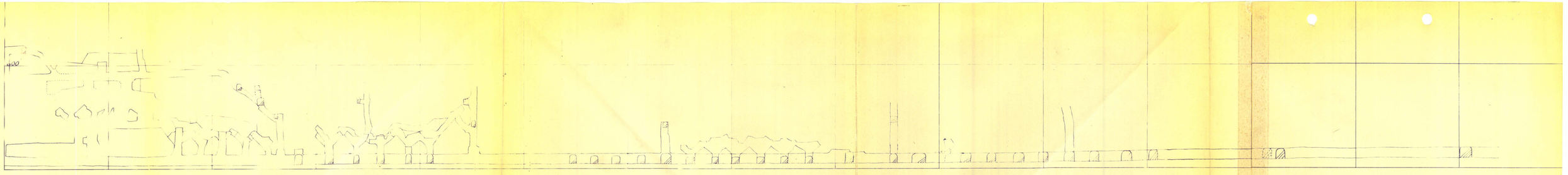

R8
BM 1
R7
R6
BM 2
BM 3
R2
R1
BM 4
R4
R5
PERSONS PROPERTY
DODGEVILLE MINING COMPANY
DODGEVILLE WIS.
SCALE 1" = 50'



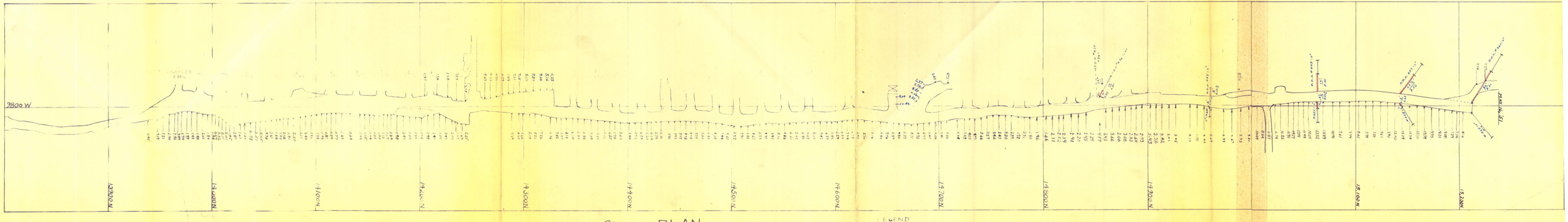
VERMONT COPPER COMPANY
SOUTH STRAFFORD
VERMONT

PLAN OF SURFACE DIAMOND DRILLING

SCALE: 1" = 100' DEC. 1950



LONGITUDINAL SECTION



SAMPLE PLAN

~~DEVELOPMENT PROGRESS~~ 975 N.D.

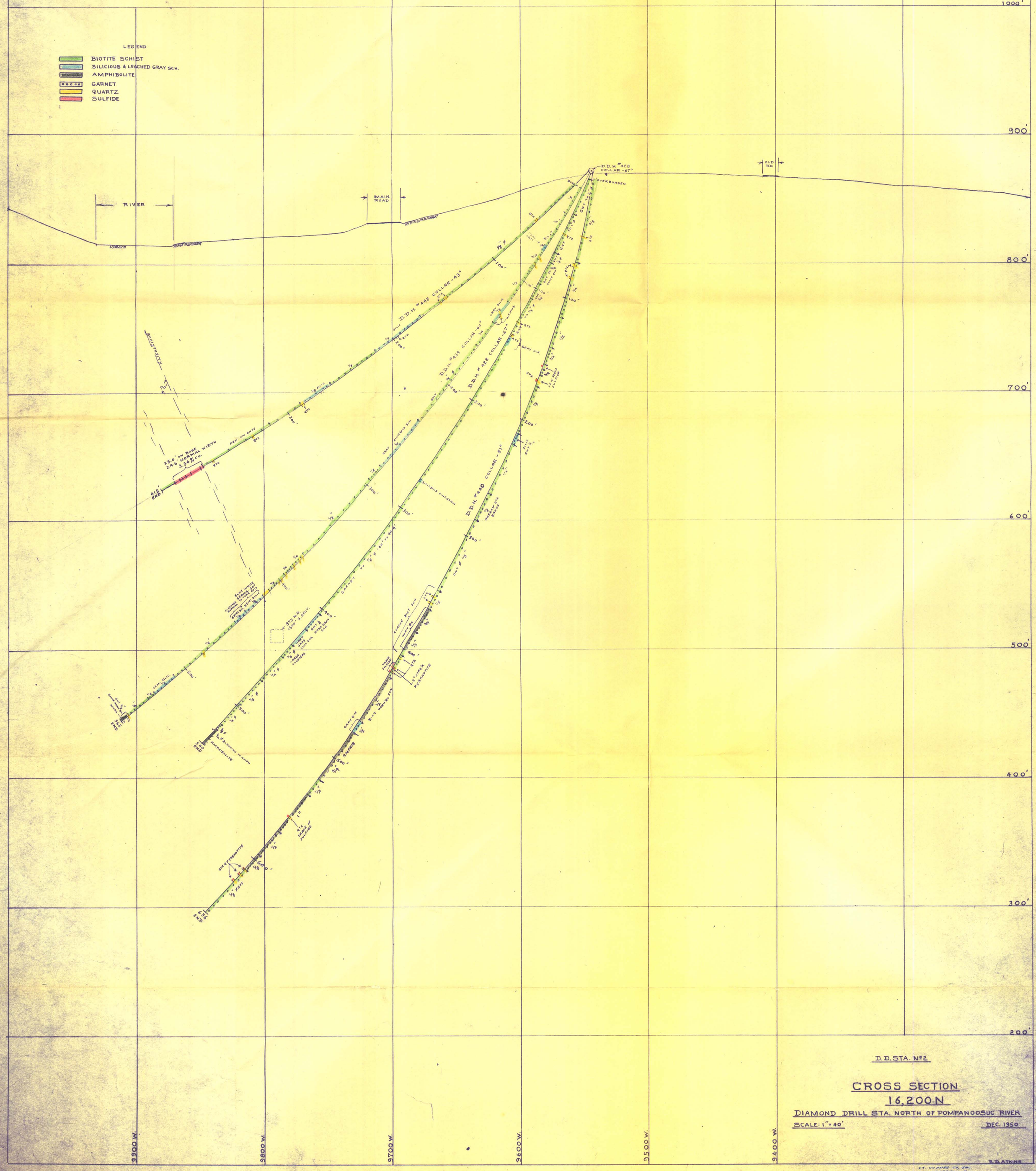
LEGEND

DECEMBER 1930
JANUARY 1931

VT. COPPER CO. INC.
ST. STANFORD, VT.

LOG OF MINERALIZED ZONE D.D.H. #445

FROM	TO			WIDTH	ASSAY % CU.	
379.0	–	381.0	BIOTITE SCHIST WEAK CP. DISEM	2.0'	2.45	
381.0	–	390.0	MASSIVE SULFIDE	9.0'	4.84	
390.0	–	394.0	LOST CORE	4.0'	—	WT'D AV. 25'
394.0	–	397.2	MASSIVE SULFIDE	3.2'	3.13	3.34% CU.
397.2	–	399.8	STRINGERS OF SULFIDE & SCHIST	2.6'	0.97	
399.8	–	404.0	" " " " "	4.2'	2.20	



D.D. STA. Nº2

CROSS SECTION 16,200 N

DIAMOND DRILL STA. NORTH OF POMPANOOSUC RIVER

SCALE: 1" = 40'

DEC. 1950

R.D. ATKINS

VT. COPPER CO. INC.
So. STRAFFORD, VT.