UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 37

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

Left Side

Certificate of Audit (Final).

Interim Audit(s).

✓ Report of Review.

Termination Notice or Agreement.

Recision Notice.

Assignment of Contract.

Contract Amendments (latest on top).

✓ Contract with all exhibits and annexes.

Owner's Consent to Lien.

Subordination Agreement.

Leases and assignments of leases.

✓ Application and attachments.

Schedule of Collections.

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

Right Side

✓ Project summary.

✓ Work completed analysis.

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

Final Field Team Report. (Tab) ✓

Operator's Final Report. ✓

Interim Reports.

✓ On-site Exam Report(s). (Tab)

Settlement Sheets.

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

Maps in folder number 1

Operator's Monthly Reports in folder number 1

E. Razum
Reviewer's Initials

7973

DEFENSE MINERALS EXPLORATION ADMINISTRATION CONTRACT
ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Report of:

Lee S. Heller

Route 3

Boise, Idaho

pertaining to Exploration Project Contract No. IDM-E-75, Docket No. DMA-32X, for the period of August 1951 - first and final report.

My review included an examination of the Monthly Report (Form MF-104) and supporting documents attached thereto, comparison of costs claimed with the contract and pertinent schedules, consultation with the Government representative who visited and examined the project, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of an audit of the Operator's accounts and records for the reason indicated by "X" below:

"X" the major portion ($432.00) of costs covered rental of bulldozer.

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

Total cost as billed by Contractor		$514.50
Exceptions	None	
Total Accepted Cost		$514.50

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 Two Hundred Fifty Seven Dollars and 25/100

$257.25

is considered valid and proper.

July 21, 1952

Robert M. Hull
Auditor

MF-200
(April 1951)

Docket No. DMA 32x
Commodity Lead & zinc

Idm-E75

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

It is agreed this 23rd day of July, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and[2]

Lee S. Heller, Route 3, Boise, Idaho

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 Idaho, County of Valley described as follows:[3] Warm Springs Claim, U. S. Patent No. 107 2706 in sec. 36, T. 12 N., R. 5 E., B.m. and further known as the Warm Springs Mine.

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

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: None

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

3. *Exploration project.* The Operator, within thirty days from the date of this contract shall commence work on a project of exploration for[5] lead and zinc; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of[6] sixty days 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. Attached hereto, marked "Exhibit 'B'," is a detailed list of 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 its agreed pro-rata share of the cost. 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.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. 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.

JUL 26 1951
RECEIVED
CONTRACT SERV. SEC.
G.A.O.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, and 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.* Attached hereto, marked "Exhibit 'D'," is 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.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule of existing facilities, buildings, installations, and fixtures, with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable 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, 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 the 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, or any other indirect costs not expressly allowed by these regulations, 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. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator fifty percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $300.00, which is fifty percent of the agreed estimated total cost of this project, $600.00.

12. *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.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract 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.

14. *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 additional for each 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 property 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.

15. *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.

16. *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 triplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By _____ (Operator)

By _____

By _____

Director, Production Expansion Division
Defense Minerals Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

Lee S. Heller, Boise, Idaho

Exploration Project Contract

EXHIBIT "A"

This contract is entered into to explore the Warm Springs vein and additional parallel veins indicated by the magnetic survey by Wade Dale.

The work to be done consists of:

1. Approximately 7 bulldozer trenches from 15 to 100 feet in length cut to bedrock on the Warm Springs vein and its extensions (see attached map).

2. Three bulldozer trenches to determine the possibility of parallel veins (see attached map).

Estimated cost of the program is:

Bulldozer rental	$480.00
Labor	90.00
Incidental expenses	30.00
	$600.00

Lee S. Heller, Boise, Idaho

Exploration Project Contract

EXHIBIT "B"

Fixtures and improvements

None.

EXHIBIT "C"

Operating equipment

To be rented:

Bulldozer D-7 or equivalent, including Operator and all operating costs
48 hours @ $10 per hour $480.00

To be purchased:

None

To be furnished by Operator:

None

Lee S. Heller, Boise, Idaho

Exploration Project Contract

EXHIBIT "D"

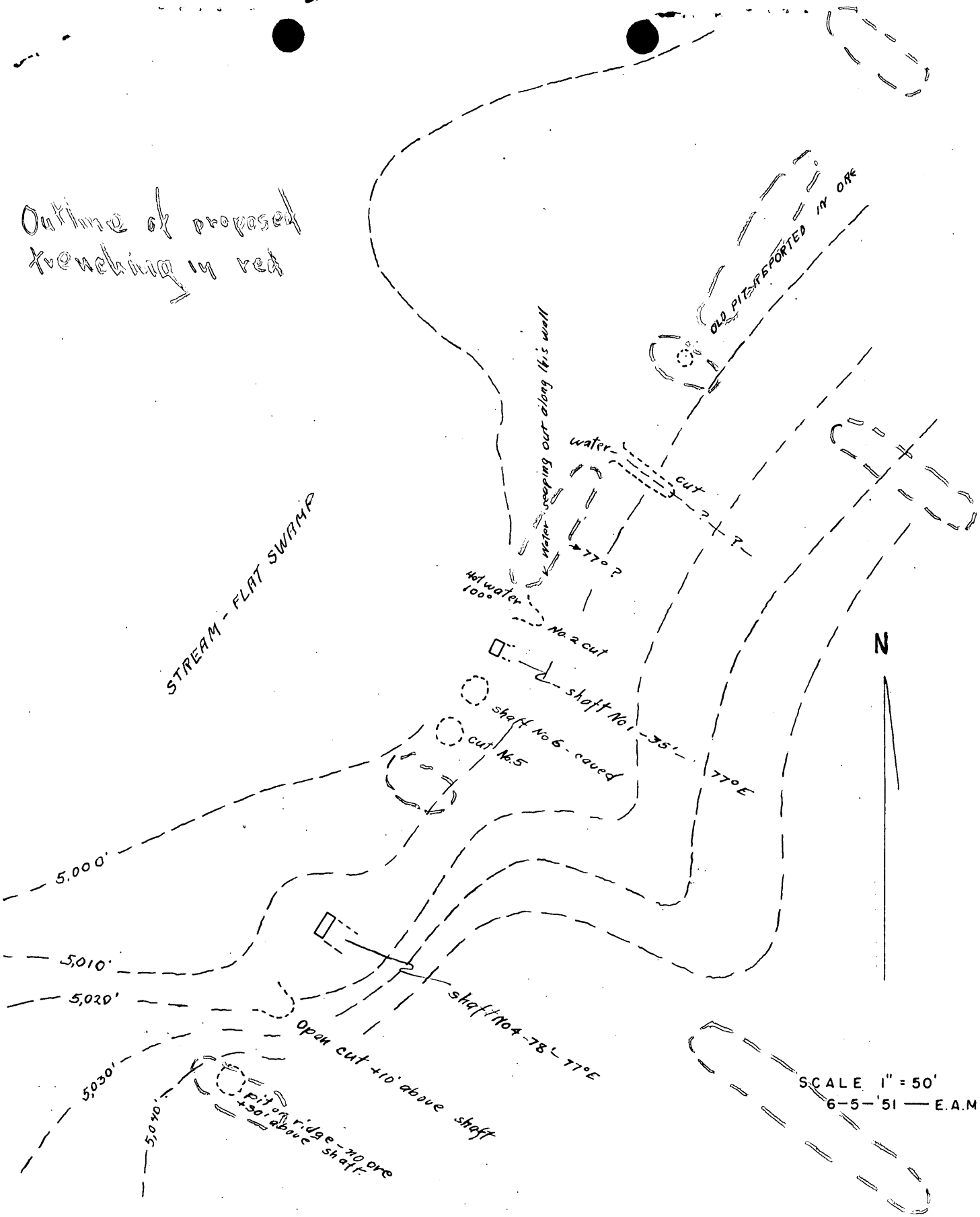
Labor and supervision

Supervisor - $1.87½ per hour for 48 hours $90.00

EXHIBIT "E"

Rehabilitation and repairs

None.



Warm Springs Mine, Valley County, Idaho.

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 32X

Date received 7-3-51

Participation

L. S. Heller
Route #3
Boise, Idaho

Name and address of applicant

Date June 7, 1951

FILL IN THIS BLOCK

Date of application June 7, 1951

Estimated cost $600.00

Mineral or metal Lead and Zinc

Percentage of Government participation $300.00

Location of mine Silver Creek
Valley County, Idaho

Date of filing MF-100

DMA Docket Number, if available 32

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

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

16—64067-1

THE PROPERTY

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

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

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

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

CERTIFICATION

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

(Name of company)

By ---
(Signature of authorized official)

(Date)

(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

THE APPLICANT

1. Individual

4. (a) Mining experience - three years underground assaying and surveying.
Administrative experience - Principally manager, Rural Electrification Administration project, three years; Director of State Tax Bureaus, six years; Present Executive Secretary, Idaho Advertising Commission, five years.

(b) The applicant will manage this preliminary exploration.

5. Owner.

6. None.

8. Own my own home, consisting of one acre of ground, small house, value $5000.00; cash on hand, $400.00; 1950 Ford car, present value $1300.00 (balance owed on car $806.00, payable in monthly installments).

9. $300.00. Yes.

10. (a) and (b) Warm Springs Claim, Patent No. 1072706, as recorded at Cascade, county seat of Valley County, Idaho.
Corner No. 1 lies N. 61°49' W. 656.2 feet from E½ corner, Section 36, T. 12 N., R. 5 E., B.M., thence S. 32°50' W. 1500 feet to Corner No. 2, thence N. 57°10' W. 600 feet to Corner No. 3, thence N. 32°50' E. 1500 feet to Corner No. 4, thence S. 57°10' E. 600 feet to Corner No. 1.

11. Always known as Warm Springs.

12. 35 miles northerly from Banks, Idaho, nearest railroad point. 10 miles of road between Banks and Crouch is oiled, balance from Crouch well graded U. S. Forest Service road. Property is approximately 78 miles northerly from Boise.

13. Good sized cold water stream 100 yards from property and warm water springs on property, making winter operations more economical.
This application bulldozer only.

14. Suitable cabin on property.

15. Not contemplated this application.

16. (a) Development by cuts and two shafts, one shaft 78 feet and one 35 feet.
Operations suspended because of lack of finances.

(b) Held continuously as mining property prior to 1880. Deadwood Mine, approximately 20 miles northeast known to have been operated many years by Bunker, Hill and Sullivan Mining Company and leasors. Production not known.

(c) Copies of two engineer's reports accompanied original application and copies also handed to Mr. E. A. McGill, U. S. Bureau of Mines, on June 4, 1951.

17. Not in production.

18. Exact tonnage taken out of the 35 foot shaft not known, although 1592 pounds dry weight salvaged from dump and shipped to American Smelting and Refining Company, Salt Lake City, Utah, October 31, 1939. Settlement sheet showed as follows:

Zinc	22.3%
Lead	12.5%
Silver	37.1 ounces

THE EXPLORATION

20. Lead and zinc.

21. Trenching by bulldozer to determine extensiveness of veins. Time required, approximately 6 days.

22. Refer engineer's reports.

THE REQUIREMENTS AND COSTS

23.

Bulldozer - $10 per hour, 6 days.....	$ 480.00
Supervisor - $15 per day, 6 days.....	90.00
Incidentals.....	30.00
Total	$ 600.00

24. Work will be done as soon as possible on approval.

Standard Form No. 1034a—Rev.
Form approved by
Comptroller General, U. S.
May 26, 1938
(Amended August 15, 1941)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. _____
Bu. Vou. No. DMA-5

GENERAL ACCOUNTING OFFICE PREAUDIT
Certified for payment in the sum of $_____
Comptroller General of the United States
By _____

U. S. Dept. of the Interior, Bureau of Mines
(Department, bureau, or establishment)
Voucher prepared at Albany, Oregon 8/24/51
(Give place and date)
THE UNITED STATES, Dr.,
To Lee S. Heller
(Payee)
Address Route 3, Boise, Idaho
Payee's Account No. _____

E 75

PAID BY
(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	Articles or Services (Enter description, item number of contract or general supply schedule, and other information deemed necessary) Terms _____% Discount Cash _____ days	Quantity	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
		Brought forward from continuation sheet(s)					
	Aug. 6-11, 1951	Per attached certified Form MF-104, dated				257	25

Shipped from _____ to _____ Weight _____ Government B/L No. _____ Total 257 25

(Payee must NOT use this space)
Differences _____
Account verified; correct for 257 25
(Signature or initials) /s/ W.R.L.

Contract No. I-DM-E75 Date 7/23/51 Req. No. _____ Date _____ Invoice Rec'd _____

257.25

MEMORANDUM

W. Rulon Lee,
Authorized Certifying Officer

ACCOUNTING CLASSIFICATION (for completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n or Proj't Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior		257.25

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. _____ dated _____, 19____, for $_____ } on Treasurer of the United States in favor of payee named above.
{ Cash, $_____, on _____, 19____, Payee _____ }
(Sign original only)

Per _____
Title _____

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.
† If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the blank space below "Approved for $_____", and over his official title.

16—22900a-1

MF-104
(April 1951)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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.

By (Signed) L. S. Heller

(Name of Company) (Signature of Authorized Official)

(Date) (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

Distribution of Expenditures for Month of August, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date
Wages and salaries			
Equipment purchase			
Equipment rental			
Buildings			
Explosives			
Repair parts			
Other supplies			
Power			
Transportation			
Withholding taxes			
Compensation insurance			
Other insurance			
Contract work Bulldozer	48 hrs. at	$9.00	432.00
Other (specify) Labor	44 hrs. at	1.875	82.50
TOTAL			514.50
Totals previously reported			
Totals to date Project Completed			514.50

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF

Type	Number	Man-Shifts	Rate	Total
Miners				
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1	44 hrs.	1.875	82.50
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other Bulldozer	1	48 hrs.	9.00	432.00
TOTAL				514.50

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF August

Name of operator L. S. Heller
Project No. DMA 32-X
Total contract amount 600.00
Government participation percent 50%

Type	Number	Man-Shifts	Rate	Total
Miners			$	$
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent	1	44 hours	1.875	82.50
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other Bulldozer	1	48 hours	9.00	432.00
Total				514.50

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

FOR GOVERNMENT USE ONLY

Checked by Signed - W. R. Lee
Entered by
Approved by Signed - Glenn C. Reed
Remarks

Balance 42.75

16—64068-1

5

Boise, Idaho
August 16, 1951

Mr. A. E. Weissenborn, Executive Officer
DMA Field Team, Region II
Spokane, Washington

Re: Docket No. DMA 32-X
Warm Springs Claim

Dear Mr. Weissenborn:

Enclosed are five copies of the exploration progress report, together with five white prints and tracing showing work done.

I am very happy with the results of the trenching, in that it has answered several questions, first, that there is one strong vein and no parallel veins of consequence. The warm water running over the vein near No. 1 shaft has preserved the ore near the surface and proven definitely that this is not a secondary deposit. A supposed fault line at the point of the old cut is non-existent, or at least very minor, in that the vein seems to run absolutely straight.

You will note that I have made two more trenchings than was called for on the drawing submitted with the contract. I was unable to reach bedrock on the farthest cut south, as to have gone much deeper than seventeen feet would have meant the moving of a great deal of earth and, of course, would have exceeded the limits of the contract.

I have tentative arrangements to show the property now to three different substantial companies. This will be done within the next week. I assure you that I will do everything within my power to further explore the vein and if the ore is there in commercial quantities, get it into production.

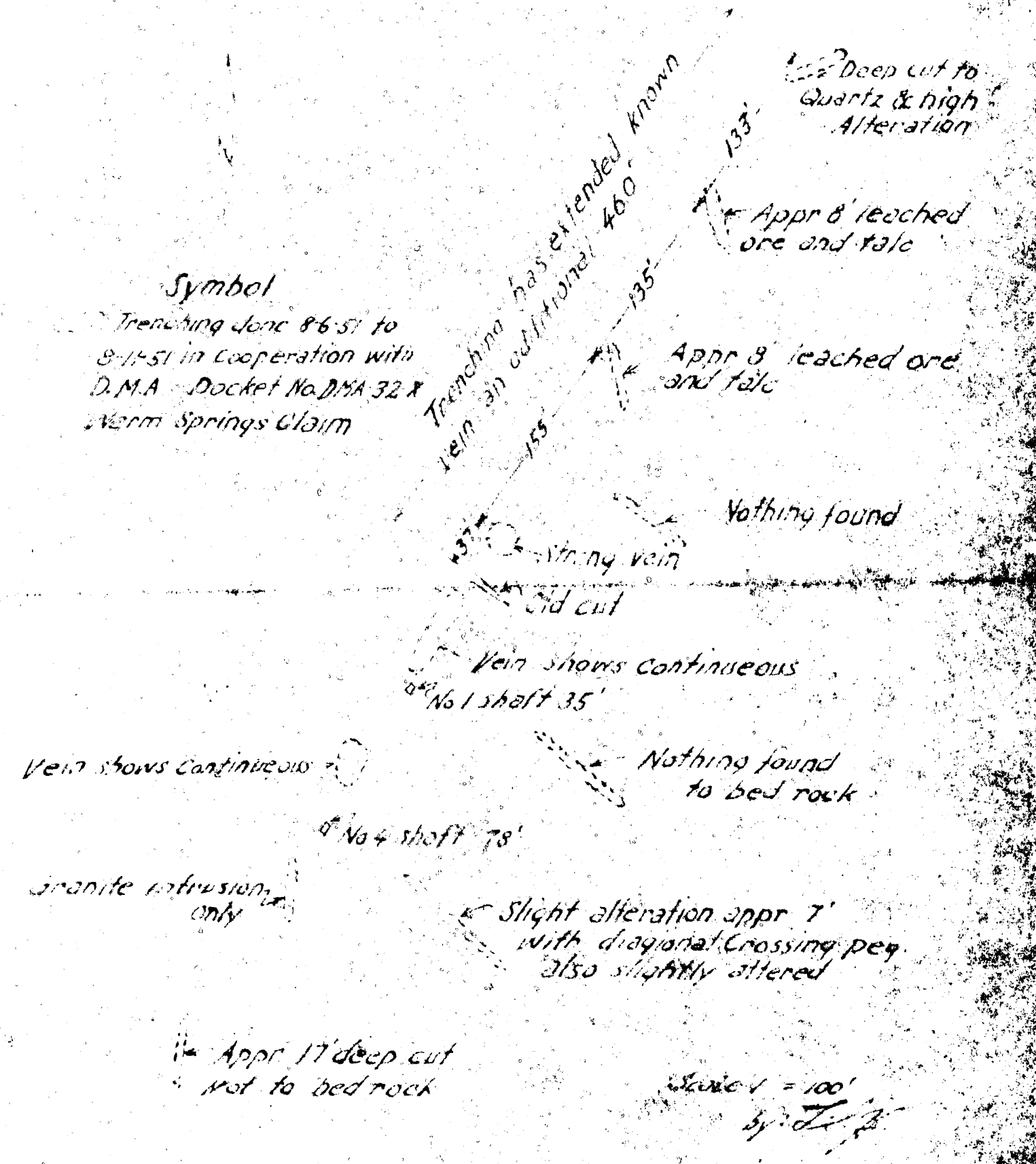
I really appreciate the fine cooperation and courtesy extended to me by your office and personnel.

Very truly yours,

L. S. Heller
Route #3
Boise, Idaho

LH:el
Encls.

AIR MAIL



Symbol
Trenching done 8-6-51 to 8-17-51 in cooperation with D.M.A. Docket No. DMA 32 X Verm Springs Claim

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

December 4, 1953

Project Summary Report

By: W. R. Griswold Date:

1. DMA-32 (Lead-Zinc)
Contract No. Idm-E75
Warm Springs Mine
Valley County, Idaho

Operator: Lee S. Heller
Route 3
Boise, Idaho

Operator's property rights: Owner of Warm Springs Claim, U. S. Patent No. 1072706

2. Contract dated: July 23, 1951 Completion date: 9/23/51

Work Authorized

7 Bulldozer trenches cut to bedrock across the vein	$ 600.00
Government's participation	300.00

Work completed

10 bulldozer trenches	514.50
Government participation	257.25

Work completed in August 1951.

3. Audit certificate issued 7/21/52.

Comments:

Results were negative, the bulldozing done exposed no evidence of lead-zinc mineralization. It appears that the work was done in a proper manner.

It is believed that a small amount of lead-zinc ore was extracted from a 35 foot shaft on the property many years ago. However, from the unfavorable results obtained by the trenching, it is likely that such ore occurred as a small and isolated lense, and that the property would not merit further consideration.

The vein lies within the granite of the Idaho batholith.

W. R. Griswold

W. R. Griswold

☒ Audited

☐ Certified

WO ANALYSIS SHEET - DMEA PROJECT

Analysis as of 12/13/54.
Incl. Voucher for August 1951.

☒ Actual Cost

☐ Agreed Unit Costs

Name Lee S. Heller

Docket No. DMEA-33X

State Idaho

Commodity Lead-Zinc

Idm-E No. 75

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation Trenching		$600.00		$514.50	$514.50
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		$600.00		$514.50	$514.50

Prepared by W. G. Klugescheid.

January 20, 1955

Memorandum

To: Chief, Contract Administration & Audit Division

From: Chief, Base Metals Division

Subject: Contracts for which no closing letters will be prepared.

The following is a list of contracts for which no closing letters will be prepared, due to the fact that they are cases which have been either terminated or completed before December 1952. This cut-off date was established in accordance with instructions contained in the Administrator's memorandum to Division Chiefs, dated February 18, 1953.

Docket No.	Contract No.	Operator
1145	E- 11	Dodgeville Mining Company
344	20	Ike W. Kusisto
1118	45	Bootman and Boswell Mining Company
789	71	Erickson and Baer
32	75	Lee S. Heller
1654	85	The Goldfield Consolidated Mines Co.
1425	128	Pittsburg Silver Mining Company
1397	158	American Zinc, Lead & Smelting Co.
1132	166	Albert Dance and Jewell Dance
2108	327	Amadee A. Peugnet
2333	341	Carr Mining Company, Inc.

W. R. Griswold

WRG/er
Copy to: Docket (11)
Base Metals (11)
Chron.

W. R. Griswold

FILE COPY
SURNAME:

Alley
Chambers

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

JUL 30 1952

Mr. Robert H. Hull
c/o Mr. A. B. Weissenborn
South 157 Howard Street
Spokane 8, Washington

Dear Bob:

Receipt is acknowledged of your Report of Review pertaining to Exploration Project Contract No. Idm-275, Docket No. DMA-32X, Leo S. Heller, Route 3, Boise, Idaho, and I have the following comments to make.

First, the original Report of Review should be forwarded to V. Eulon Lee, Finance Officer for Region II, rather than to this office. We should receive two copies only.

Second, it is believed that you should have included in the Report of Review an additional reason, as follows: "the administrative cost to the Government of an audit would be excessive in relation to value of the contract or the estimated amount of possible disallowances thereunder;". This will be the case in a great many Reports of Review.

In preparing future Reports of Review please follow these instructions.

Sincerely yours,

(Signed) J. L. Chambers

J.N. 7-30-52

Jay L. Chambers, Chief
Contract Administration and
Audit Division

AMAlley/ama
July 30, 1952

Copy to: Admr. Reading File
Mails and Files
Mr. Chambers

OFFICE OF THE ADMINISTRATOR

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

157 So. Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 17 1951

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 17 1951
Defense Minerals Administration,
Production Expansion Division.

December 13, 1951

Mr. C. O. Mittendorf
Acting Administrator, D.M.E.A.
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA-32
Contract Idm-E75
Lee S. Heller
Boise, Idaho

Dear Mr. Mittendorf:

Enclosed please find copies of what information we have available concerning the Lee S. Heller exploration project, contract Idm-E75. Some of this information may be superfluous as we were under the impression that such items as copies of the voucher and copies of the monthly progress report were forwarded to your office by the D.M.E.A. fiscal office at Albany, Oregon.

The subject contract was completed in one months time, therefore, only one monthly progress report was submitted by the applicant. This report was accompanied by a brief one-page letter describing the exploration work, and a map showing location of the various bulldozed cuts. Two copies of this report are enclosed. Mr. Elton Youngberg, U. S. Geological Survey, examined the property and concluded in his report that results of the exploration project were negative.

Inasmuch as Mr. Heller's exploration program was very small, and since it yielded negative results, this office concluded that Heller's final report was adequate, although we had hoped for more detailed information. In the event the Washington office requires more data, please advise and we will contact Heller. We believe, however, that Heller will find it difficult to furnish a more detailed report.

Very truly yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures

COPY

Boise, Idaho
August 16, 1951

Mr. A. E. Weissenborn, Executive Officer
DMA Field Team, Region II
Spokane, Washington

Re: Docket No. DMA 32-X
Warm Springs Claim

Dear Mr. Weissenborn:

Enclosed are five copies of the exploration progress report, together with five white prints and tracing showing work done.

I am very happy with the results of the trenching, in that it has answered several questions, first, that there is one strong vein and no parallel veins of consequence. The warm water running over the vein near No. 1 shaft has preserved the ore near the surface and proven definitely that this is not a secondary deposit. A supposed fault line at the point of the old cut is non-existent, or at least very minor, in that the vein seems to run absolutely straight.

You will note that I have made two more trenchings than was called for on the drawing submitted with the contract. I was unable to reach bedrock on the farthest out south, as to have gone much deeper than seventeen feet would have meant the moving of a great deal of earth and, of course, would have exceeded the limits of the contract.

I have tentative arrangements to show the property now to three different substantial companies. This will be done within the next week. I assure you that I will do everything within my power to further explore the vein and if the ore is there in commercial quantities, get it into production.

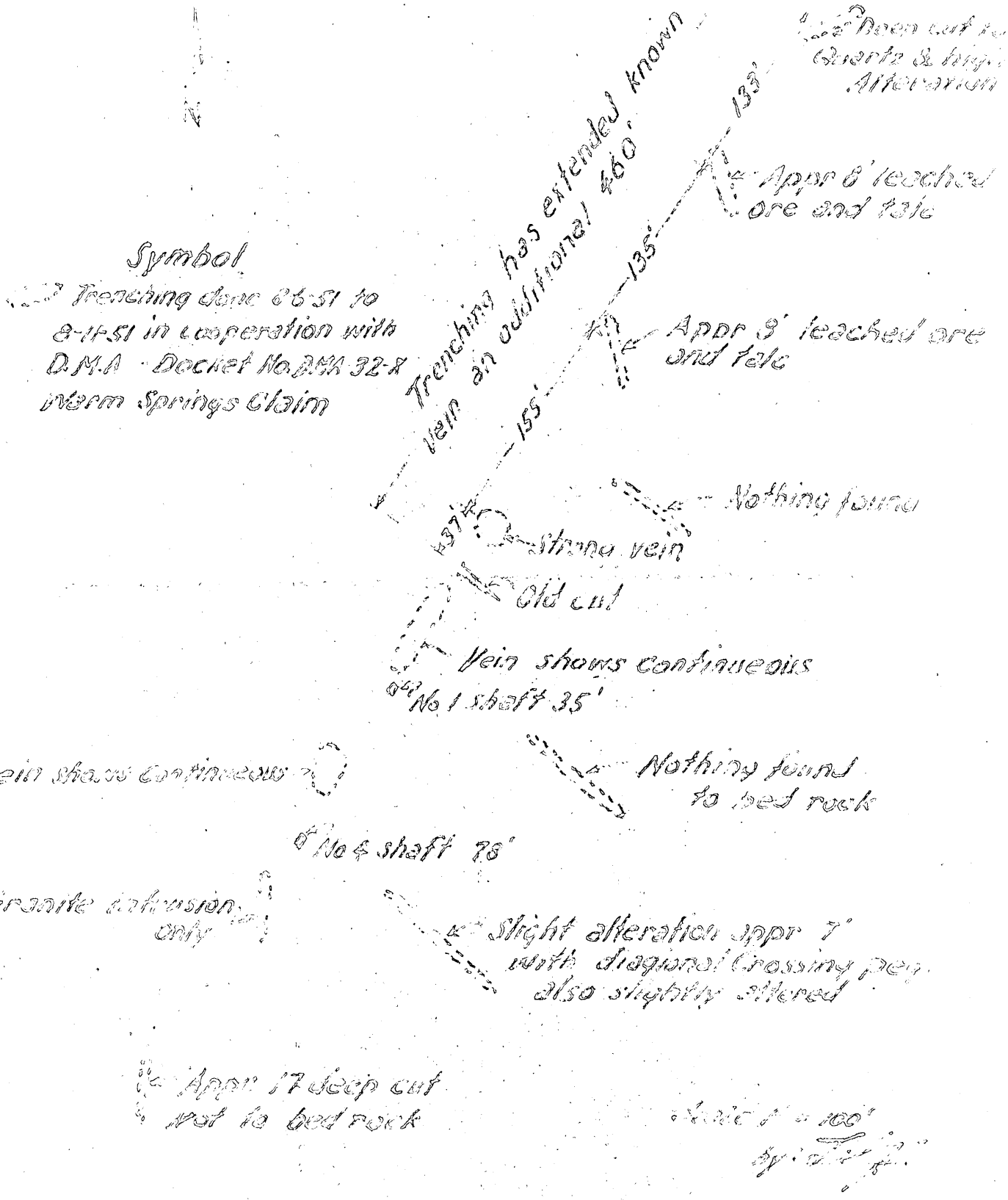
I really appreciate the fine cooperation and courtesy extended to me by your office and personnel.

Very truly yours,

(Signed) L. S. Heller
Route #3
Boise, Idaho

LH:el

Encls.


Been cut in
Quartz & high
Alteration
133'
Appr 8' leached
ore and talc
Symbol
Trenching has extended known
vein an additional 460'
135'
Trenching done 6-6-51 to
8-11-51 in cooperation with
D.M.A. Docket No. DMA 32-8
Warm Springs Claim
Appr 9' leached ore
and talc
155'
Nothing found
Strong vein
Old cut
Vein shows continuous
No 1 shaft 35'
Nothing found
to bed rock
Vein shows continuous
No 4 shaft 78'
Granite intrusion
only
Slight alteration appr 7'
with diagonal crossing dep.
also slightly altered
Appr 17 deep cut
not to bed rock

FILE COPY
SURNAME:

Mittendorf
Stgd 7-24
Sgd

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

JUL 26 1951

My dear Senator Knowland:

I am pleased to report to you that the Defense Minerals Administration of this Department has recently entered into a contract with the Leo S. Holler Company, operating in your state for the exploration of possible sources of lead and zinc.

The contract provides that the Government will participate in the expense of this work up to 50% of the cost thereof.

This type of assistance is provided for under Section 303 of the Defense Production Act.

The Defense Minerals Administration will be glad to furnish you any further details you may desire regarding the matter.

Sincerely yours,

(sgd) R. D. Searles

Secretary of the Interior

Hon. Henry C. Knowland
United States Senate
Washington 25, D. C.

Identical letter to:

Hon. Herman Welker
John Wood

DEMoulds/jem
7/23/51

cc to: Messrs. Secy's Reading File
Adm's Reading File
Mittendorf-Olund
Moulds
Reports & Records

OCT 31 1 38 PM 1951
RETURN TO THE BUREAU OF MINES

FILE COPY
SURNAME:

Mittendorf

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

July 23, 1951

A. E. C.

Contract Service Section
General Accounting Office
Washington 25, D. C.

Re: Docket DMA 321
Exploration Project Contract
Idm-E75
Lee S. Heller
Boise, Idaho

Gentlemen:

Enclosed for recording in your office is the original, signed copy of an Exploration Project Contract executed between the operator named in the above reference and the Government of the United States.

Sincerely yours,

C. O. Mittendorf 7/24

C. O. Mittendorf, Director
Production Expansion Division

Enclosure-1

DEMoulds/meh
cc to: Adm. Reading File
Reports and Records
Mittendorf, Olund
Moulds
McKnight
Billings
Region II (2)

FILE COPY
SURNAME:

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

Moulds
Mittendorf

July 23, 1951

Q. E. C.

Mr. L. S. Heller
Route 3
Boise, Idaho

Re: Docket No. DMA - 32-X
Warm Springs Claim

Dear Mr. Heller:

Enclosed you will please find a copy of the exploration contract covering your bulldozer trenching project. The contract bears the number Idm-575, which is the register number which, along with the docket number, is to be referred to on all correspondence. The effective date of the contract is July 23, 1951.

Also included are four copies of Monthly Progress Reports and one copy of an information bulletin which attempts to set forth the answers to many questions which have arisen in connection with the exploration program.

You are requested to advise Mr. A. E. Weissenborn, Executive Officer, DMA Field Team, Region II, Spokane, Washington, when the work is started under this approved project.

Sincerely yours,

C. O. Mittendorf
7/24

C. O. Mittendorf, Director
Production Expansion Division

Enclosures-6

DEMoulds/meh
cc to: Reports and Records
Adm. Reading File
Mittendorf, Olund
Moulds
Region II (2)
Herres
McKnight

FILE COPY
SURNAME:

Mittendorf

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

July 23, 1951

Mr. A. E. Weissenborn
Executive Officer
Region II
South 157 Howard Street
Spokane, Washington

Re: Docket No. DMA 321
Lee S. Heller
Exploration Contract

Dear Mr. Weissenborn:

Herewith enclosed is one signed and approved copy of the subject Exploration Contract. A copy of this contract will be forwarded to the Region Finance Officer by the Washington Finance Officer.

Sincerely yours,

C. O. Mittendorf

7/24

C. O. Mittendorf, Director
Production Expansion Division

Enclosure-1

DEMoulds/meh
cc to: Reports and Records
Adm. Reading File
Messrs. Mittendorf, Olund
Mr. Moulds
Mrs. Terry
Mr. Billings
Mr. McKnight

400

FILE COPY
SURNAME:

Moulds
Mittendorf

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

November 21, 1951

Memorandum

To: Mr. C. O. Mittendorf, Administrator

From: D. E. Moulds

Subject: Certification of Exploration Project Idm-E75
Leo S. Heller, Boise, Idaho

The subject exploration project for lead and zinc entailing seven bulldozer trenches on the Warm Springs vein, Valley County, Idaho to a maximum amount of $600 in which the Government participation is 50% has been completed and the final report of Region II on the project accompanies this memorandum.

Review of the report indicates that, at a total expenditure of $514.50, more work was accomplished than originally proposed with the vein explored by 10 trenches at intervals along a strike distance of 900 feet. The Field Team examination of the trenches indicated that the results of the exploration were entirely negative and no evidence was obtained indicating any future possibilities for production of lead or zinc.

The Region II Field Team has recommended that the project be certified as terminated with negative results and it is recommended that this office concur with this recommendation and that the General Counsel of DMA be consulted as to the necessity of advising the operator as to the status of the project and the form to be used if such action is required.

D. E. Moulds

DEMoulds/jem
cc to: Reports & Records
Mr. Moulds
Docket
Chron

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

No. 17 Grant Street
Spokane 4, Washington

August 23, 1951

Approved
Betty

Contracting Officer
DMEA Field Team, Region II
U. S. Bureau of Mines
Albany, Oregon

Re: Contract No. DMA 221 (Sub-Ore)
Leo G. Keller
Valley County, Idaho
Contract No. 2Ore-75

Dear Sir:

This letter the subject contract has been completed to the satisfaction of the Government. The requirement of a final exploration report is hereby waived by the Executive Officer.

Inasmuch as the final invoice has been received from the Operator and the Government has no equity in equipment, materials or supplies, it is requested that the Operator's final invoice be accepted for withholding and payment.

Sincerely yours,

A. B. Valentine
Executive Officer, DMEA
Field Team, Region II

cc: DMEA (3) ✓
OMPE (2)

Mittendorf
Hor

Boise, Idaho
August 3, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 7 1951
LANDON F. STROBEL
Executive Secretary

Mr. A. E. Weissenborn, Executive Officer
DMA Field Team, Region II
Spokane, Washington

Re: Docket No. DMA - 32-X
Warm Springs Claim

Dear Mr. Weissenborn:

Mr. C. O. Mittendorf, Director, Production Expansion Division, DMA, Washington, D. C., in his letter transmitting to me the exploration project contract Idm-E75, requested that I advise you when work is started under this approved project.

My plan is to leave Boise Monday morning, August 6, with Mr. Howard Austin, who is taking his CG out to the property. Work will probably not commence until Tuesday, August 7.

I have a letter dated July 31st from Mr. Thomas S. Howard, mining engineer of your department, asking me to advise him when I intend to commence. I telephoned Mr. Howard this morning and informed him, also, of my plans.

Very truly yours,

Lee Heller
Route #3
Boise, Idaho

LH:el
AIR MAIL

CC: C. O. Mittendorf

COPY

FILE COPY
SURNAME:

Koontz

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

July 20, 1951

Memorandum

To: Chief, Production Expansion Division

From: General Counsel

Subject: Leo S. Hollar exploration contract -- Docket No. MMA-32x

The contract in the subject case is approved as to form and legality subject to execution by the applicant and the Government.

At the time of execution by the Government, the effective date should be inserted in the contract.

Your file is returned herewith.

J. L. Hofflund
General Counsel

Attachment

CJKoontz/ema

Copy to: J. L. Hofflund
Chron.
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

June 28, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee

From: Field Team, Region II

Through: L. F. Strobel

Subject: Warm Springs Mining Property, Valley County, Idaho, docket DMA 32.

Enclosed are four copies of report by E. A. Magill, U. S. Bureau of Mines, on the subject docket. Also enclosed are six copies of a proposed contract.

A very small expenditure ($600) is proposed for bulldozing. This might be followed by another small exploration contract provided the bulldozing results justify it. Exploration by bulldozing is certainly the proper method of preliminary exploration.

The Field Team does not know what is considered the lower limit of an exploration contract, but in other respects consider the proposal a reasonable one.

By Field Team, Region II

A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin
M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures
cc: U.S.B.M., Spokane
U.S.B.M., Albany

JUL 6 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3-1951
LANDON F. STROBEL
Executive Secretary

Mr. A. L. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA 32
Contract Idm-675
Lee S. Heller
Boise, Idaho

Dear Mr. Weissenborn:

The final report on the subject exploration project by your office has been received. We note that the project has indicated negative results and should not be considered for further exploration or as a source of lead or zinc.

This office has not received, as required under Sections 12 and 14 of the contract form, copies of either the final report by the operator giving an account of work accomplished, funds expended and data obtained or the monthly progress reports. The operator's final report should go to your office in quadruplicate for approval and, subsequently, one copy retained by you, one copy be sent to the fiscal office, and two copies forwarded to this office. Likewise, two copies of all progress reports should be forwarded to this office after approval.

After all reports are in and approved, this office will forward a notice of termination, for reason of work completion, to all holders of copies of the contract. Please indicate at your earliest convenience whether you concur in this procedure.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

DEMoulds/meh
cc to: Adm. Reading File
Reports and Records
Mr. Mittendorf
Mr. Mote
Mr. McKnight
Mr. Moulds Docket Region II

~~OTTO HERRES~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 8, Washington

Files

January 19, 1951

DMA-32

Mr. Otto Herres, Acting Chairman
Operating Committee
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Herres:

I wish to acknowledge receipt of your letter of January 4 in which you refer to a field examination of the Warm Springs Mining property, Valley County, Idaho (Docket DMA-32).

We have not as yet received the application on this property from the Chairman of the Commodity Committee, and thus are rather in the dark on the various problems concerning it. However, I suppose the application will arrive shortly.

We will make a field examination of the property as soon as the weather permits, and we shall return a report of our findings, together with the application, to the Chairman of the Commodity Committee as soon as possible.

Very truly yours,

A. E. Weissenborn
A. E. Weissenborn
Executive Officer, DMA,
Field Team, Region II

Memo was sent to Volin at Albany (as per earlier letter from Weissenborn) but evidently the docket did not get out. Volin sent the memorandum, recommending it for field study, to Weissenborn. E Mac

DMA 32

856

BUREAU OF MINES
WASHINGTON, D.C.

JAN 23 11 51 AM '61

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

January 4, 1951

Memorandum

To: Mr. A. E. Weisenborn, Executive Officer Field Team Region II
South 157 Howard Street, Spokane, Washington.

From: Operating Committee

Subject: DMA-32 - Warm Springs Mining Property, Valley County, Idaho.

Your letter of December 19, concerning a field examination of the Warm Springs Mining Property, has been referred to the Operating Committee for reply.

Field examinations requested by the Commodity Committees and approved by the Operating Committee should be carried out promptly, weather conditions permitting. This should be done even though final details of encouragement programs have not yet been decided.

Report concerning the merit and possibilities of the proposal in question should be returned to the Chairman of the Commodity Committee requiring the information. The Committees have been requested to forward application and all supporting data to field teams. This should be returned when the field report is sent in.

Otto Herres
Acting Chairman
Operating Committee

OHerres:gkc

cc - S. H. Lorain, Executive Officer Field Team, Region I, Juneau, Alaska
H. C. Miller " " " ", Region III, San Francisco, Calif.
J. H. East, Jr. " " " ", Region IV, Denver, Colorado
A. B. Needham " " " ", Region V, Minneapolis, Minn.
David Gallagher " " " ", Region VI, Joplin, Missouri USGS
Robert Laurence, " " " ", Region VII, Knoxville, Tenn. USGS
W. G. Agnew " " " ", Region VIII, College Park, Md.
E. W. Pehrson
W. D. Johnston, Jr. USGS. Room 4211 Gen. Services Bldg.
Mr. Richardson - Mr. Herres
Mr. Bradley - Mr. Ridgway
Mr. Merrill - Mr. Josephson
Mr. St. Clair - F I L E S

METAL ECONOMICS BRANCH

Mr. Herres

Lead - Zinc - Silver

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
S. 157 Howard Street
Spokane 8, Washington

December 19, 1950

File with DMA 32

Mr. Charles W. Merrill, Acting Chairman
Nonferrous Committee,
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Merrill:

Your memo of November 29 re the Warm Springs Mining Property, Valley County, Idaho (Docket DMA-32) was sent to the Bureau of Mines office at Albany, Oregon, and was delivered to me today.

I assume from the memo that it will not be necessary to make a field examination until the exploration encouragement program has been worked out. In any case I doubt if weather conditions will permit a field examination until spring. I assume also that the application itself will be forwarded here prior to the examination so that we will have a little background information concerning the property.

This should be done through full details of encouragement program have not yet been received

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn

cc: E. T. McKnight
A.E.W.

copy to all field teams
" " Econ. Committee

Field examinations requested by Commodity committees and approved by the Operating Committee should be carried out promptly weather conditions permitting. A report concerning the market and possibilities of the proposal in question should be required by the Chairman of the Commodity Committee requesting the information. The Committees have been requested to forward all applications and supporting data to the Field Teams to be returned with the field report.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

[illegible] 2, [illegible]

[illegible]:

To: [illegible] Officer of Field [illegible], [illegible]

From: [illegible] Committee, [illegible]

Subject: Docket [illegible]A-[illegible], [illegible] property
Valley County, Idaho

The [illegible] property application, as presented by [illegible] Miller, has been reviewed by the Northwest Metals Commodity Committee.

The application does not report that the [illegible] property is on reserve. The plans put forward for this project indicate that the company proposes first to undertake exploration with any funds that may be made available under the Strategic Production Act.

The committee, therefore, recommends:

1) That the project be considered for the [illegible]'s grant-for-exploration encouragement program when this has been formulated.

2) That the information furnished by Mr. Miller be referred to the Field Committee to be ready for a field examination when the exploration encouragement program has been worked out.

The Committee's review of the papers indicates that the suitability of the project in the exploration program will depend first of all on a geological examination and on a mining engineer's examination of the mine conditions at the mine.

C. Merrill/crp

[illegible], Acting Chairman
Northwest Committee, [illegible]

Attest:
[illegible] Committee

[illegible], Director

[illegible]

[illegible]

Copy to - Chairman, Commodity Committee
Geological Survey - Midnight
Merrill
Regional Director, Region II
Williston
Files

OFFICE OF THE ADMINISTRATOR

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

So. 157 Howard Street
Spokane 4, Washington

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FIN. R/ ST. RPT.

November 2, 1951

Memorandum

To: Mr. C.O. Mittendorf, Director, Production Expansion Division

From: Field Team, Region II

Subject: Final Report on Exploration Project, IDM-E75
Warm Springs Vein
Valley County, Idaho

Enclosed are the original and three copies of a final report on the Warm Springs property of Lee S. Heller, Route 3, Boise, Idaho, by Elton A. Youngberg, Geologist, U.S. Geological Survey.

The Field Team concurs with Mr. Youngberg's report, that the results of the exploration program were negative and that no evidence was obtained which would indicate the vein has commercial possibilities. It is therefore recommended that the property not be considered for further exploration or as a source of lead or zinc.

By DMA Field Team, Region II

Enclosures

A.E. Weissenborn
A.E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M.E. Volin
M.E. Volin, Member
(U. S. Bureau of Mines)

OFFICIAL FILE COPY

To	Initials	Date
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OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

November 2, 1951

Memorandum

To: A. E. Weissenborn, Exec. Officer, DMA Field Team, Region II

From: Elton A. Youngberg, Geologist, U.S. Geological Survey

Subject: Final Report on Exploration Project, IDM-E75 and Recommendation as to Certification of Discovery and Development. Warm Springs Vein, Valley County, Idaho

RECOMMENDATIONS

It is recommended that no discovery or development be certified to the operator by the government as the exploration project did not result in a discovery or development which might result in the production of commercial ore.

OPERATOR

The operator is Lee S. Heller, Route 3, Boise, Idaho.

GEOLOGIC SETTING OF THE PROJECT

The Warm Springs vein is a mineralized fault in granite and related pegmatitic rocks of the Idaho batholith. The vein strikes N. 30° E. and dips 65°-75° SE. Outcrops of the vein expose a shear zone up to 20 inches wide containing lenticular bodies of quartz and small amounts of iron sulphides. The No. 1 shaft is reported to contain an ore shoot of 10"-18" wide of more or less solid galena, sphalerite and quartz, containing high silver values from which a small shipment of ore was made. This occurrence is below water level in the shaft and cannot be inspected. The No. 4 shaft which is 78 feet deep contains no ore.

A hot spring (100° F.) in the vicinity of the No. 1 shaft and a cut a short distance to the northeast discharges 200-300 gallons of water per minute. This hot spring is not believed to be related to the vein as the principal flow appears to be from a flat dipping fault into the hanging wall of the vein.

A magnetic survey in 1939 by Wade H. Dale indicated the possibility of several parallel structures 100 to 200 feet east of the Warm Springs vein. The anomalies obtained in several instances

were higher than those found over the Warm Springs structure suggesting the presence of ore in these structures also.

WORK PERFORMED UNDER CONTRACT

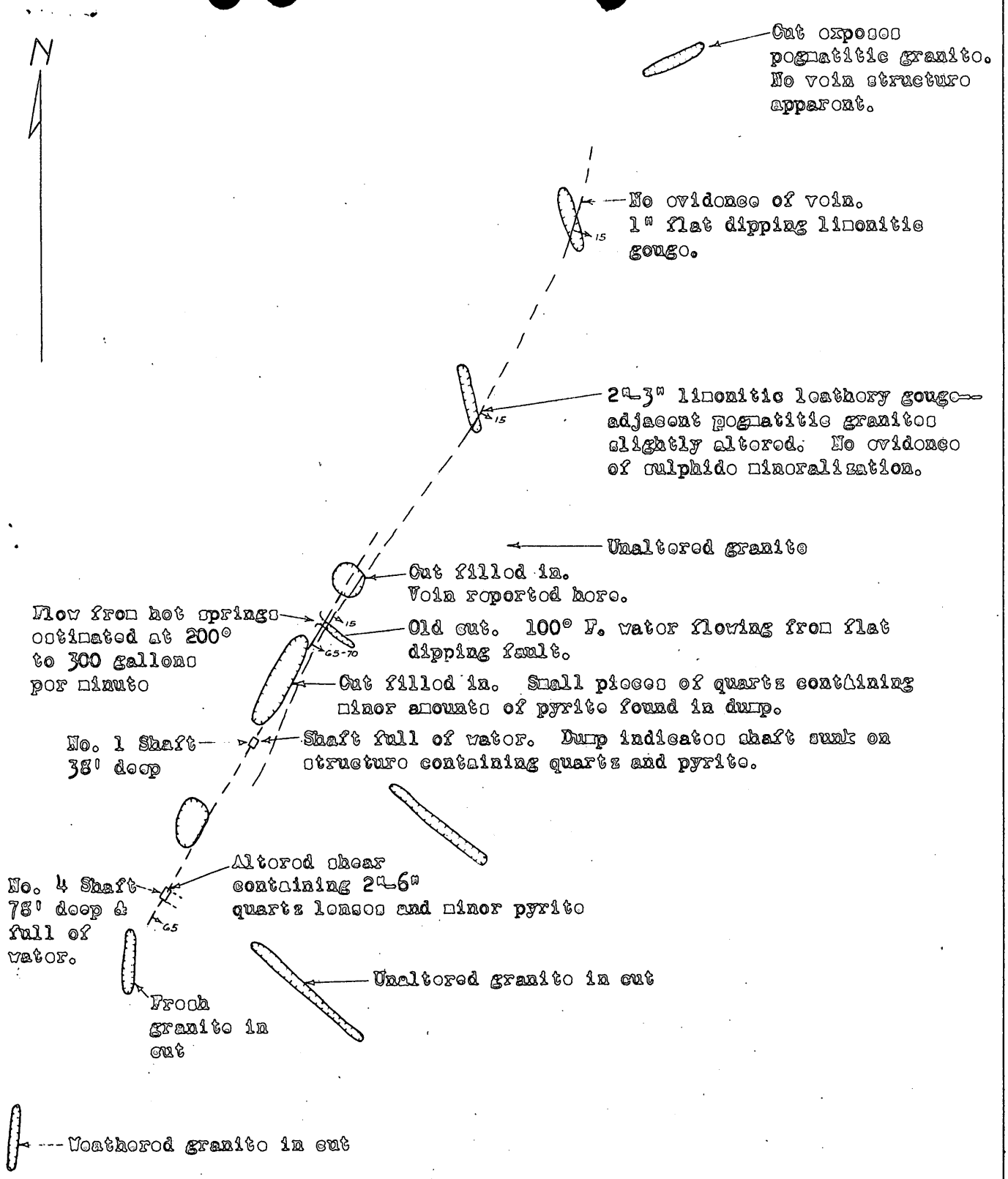
The exploration project provided for seven bulldozer trenches to explore for the extensions of the Warm Springs vein at an estimated cost of $600. Ten trenches were actually completed under the contract which explored for extensions of the vein over a strike distance of 900 feet at a total cost of $514.50. The accompanying map shows the location and the findings in each trench.

RESULTS OF THE EXPLORATION PROJECT

The above work did not result in the finding of ore or the extensions of the Warm Springs vein structure. A flat dipping fault containing a limonitic gouge was exposed in the trenches to the north of the No. 1 shaft. This fault is believed to be the northward extension of the fault from which the hot spring flows. The steeply dipping vein structure was not exposed in these cuts nor was there any evidence of alteration similar to that accompanying vein. The trenches to the south of the No. 4 shaft likewise were uninformative.

The trenches between No. 1 and No. 4 shafts and between the No. 1 shaft and the hot springs exposed the vein structure but no indications of lead and zinc mineralization.

The results of the exploration program were entirely negative and no evidence was obtained that the vein has commercial possibilities. Consequently, the property should not be considered further for exploration or as a potential source of lead or zinc.



Map after survey by L. S. Keller
Geology by E. A. Youngberg, U.S.G.S.,
Oct., 1951.

WARM SPRINGS MINE, VALLEY COUNTY, IDAHO

Scale 1" = 100'

32

IDAHO

VALLEY COUNTY

February 1, 1952

Lee S. Heller, Idm-E75, Pb

50-50 of $600.00

Sixty days

The work involved a small amount trenching to uncover a possible vein. The contract has been completed with negative results.

UNITED STATES
DEPARTMENT OF INTERIOR
OSCAR L. CHAPMAN--SECRETARY

DEFENSE MINERALS ADMINISTRATION

Report by Examination Team
Region II

ON-SITE RPT.

DMA-32--Warm Springs Mining Property

Valley County, Idaho

Elwin A. Magill, Mining Engineer
U. S. Bureau of Mines

June 25, 1951

DMA EXAMINATION REPORT

DMA Docket 32

Warm Springs Mining Property
Valley County, Idaho
June 25, 1951

Elwin A. Magill USBM

RECOMMENDATIONS

It is recommended that the applicant be granted an exploration contract amounting to $600; of this sum the applicant, Mr. Lee S. Heller, is to furnish $300.

It is further recommended that consideration be given to diamond drilling and underground exploration, contingent on the outcome of the initial program.

APPLICANT

The applicant is Lee S. Heller, Route No. 3, Boise, Idaho.

LOCATION OF DEPOSIT

The property is in sec. 36, T. 12 N., R. 5 E., Boise meridian, on Silver Creek, a tributary of the Middle Fork of the Payette River. The mine is at an altitude of about 5,000 feet. It is 34 miles by auto road northeast of Banks, Idaho. Banks is 35 miles north of Boise, Idaho. The property consists of one patented mining claim, the Warm Springs No. 1, patent No. 10727060.

OWNERSHIP

Mr. Heller claims ownership of the Warm Springs property free and clear. No substantiating check of county records was made.

HISTORY AND PAST PRODUCTION

The prospect, discovered in the 1870's, came into the possession of Mr. Heller's father in 1915. In 1924 the No. 1 shaft was sunk to a depth of 30 feet. About 1 ton of high-grade lead, zinc, silver ore was extracted and stockpiled during the sinking of this shaft. In 1934 and 1938 the No. 4 shaft on the Warm Springs vein was sunk to a depth of 78 feet. In 1934 an access road was built and the property patented. In October 1939, 1,592 pounds of stockpiled ore from the No. 1 shaft was shipped to the American Smelting and Refining Co. at Salt Lake City, Utah. This shipment assayed as follows:

Silver	37.1 oz. per ton
Lead	12.5 percent
Zinc	22.3 percent
Gold	--
Antimony	--
Iron	3.8 percent
Arsenic	.3 percent
Sulfur	15.3 percent
Insoluble	42.7 percent

The property has been idle since 1939. The No. 1 and No. 4 shafts now are flooded; all other workings are caved or filled in.

DESCRIPTION OF PROPOSAL

A bulldozing program to trace the extent of the Warm Springs vein and to prospect for parallel structure indicated by a magnetic survey is requested. If this program is successful Mr. Heller intends to apply for additional funds to diamond drill and explore underground any ore shoots found.

TECHNICAL FEASIBILITY

Geologic Setting

The mine is wholly within the granite of the Idaho batholith. There are a number of pegmatites in close proximity to the Warm Springs vein. Their exact relationship and trends could not be determined due to the overburden.

The Warm Springs vein occupies a fault fissure which strikes N. 30° E., dipping 70-77° SE. Exposures of the vein are at present covered with overburden or water. Mr. Heller states the vein as shown in No. 1 shaft contains from 10 to 18 inches of more or less solid galena, sphalerite and quartz, containing high silver values. This high-grade streak was next to the hanging wall, the hanging wall being straight, smooth and well-defined. The footwall was indefinite with galena and sphalerite disseminated through the granite.

In the No. 4 shaft Mr. Heller reports that along the hanging wall near the 50-foot level they encountered a black igneous dike. This dike was several feet thick and continued along the hanging wall at least to the bottom of the shaft at 78 feet. No ore of commercial grade was encountered in this shaft. Apparently the main ore shoot with an undetermined strike length is limited to the vicinity of the No. 1 shaft.

The Warm Springs vein has been prospected along its strike for approximately 300 feet.

A hot springs (100° F.) in the vicinity of the No. 1 shaft discharges about 200-500 gallons per minute. This hot spring may not

be connected with the vein inasmuch as the principal flow appears to be from the rocks in the hanging wall.

In 1939 Wade M. Dale carried out a magnetic survey of the property which indicated a possibility of several parallel structures. These structures are from 100 to 200 feet east of and parallel with the Warm Springs vein. (Report on Geophysical Survey of Warm Springs Mining Property by Wade M. Dale, Sept. 26, 1939.) At several points higher anomalies were recorded than those recorded over the Warm Springs vein.

Description of Mine Workings

The mine workings consist of two shafts and several prospect pits (see map). No. 1 shaft is 35 feet deep with a 5-foot drift to the north from the bottom. No. 4 shaft is 78 feet deep on an incline of 77° to the east. Both of these shafts are full of water at the present time. No. 1 shaft makes several hundred gallons of water per minute. No. 4 shaft makes only a few gallons per minute. There are several prospect pits along the extension of the vein which are at present sloughed in.

Reserves

No measurable reserves are evident on the property.

Milling Method

If reserves are developed, they are expected to be of adequate grade to permit direct shipment to one of the smelters in the Salt Lake City, Utah area.

No plans for a mill are proposed at the present time.

Rate of Production

Present

The mine is not in production.

Anticipated

Although no production rate estimate can be made at this time it is anticipated that future output probably will not amount to over a few tons per day.

Time Schedule

The bulldozing program outlined can be completed within 60 days.

EQUIPMENT AND FACILITIES

Installed

The only facility on the property is a 12- by 20-foot log cabin.

Required

Additional equipment or facilities will not be required.

LABOR SUPPLY

Labor requirements of the proposed program are limited to a bulldozer operator. The work will be supervised by the applicant.

If additional work is carried on after this program, a limited supply of labor would be available from the farm areas near Counch. This labor would be unskilled in mining but could be trained. Wages would have to be based on a $12 per day minimum.

POWER

No power is required for the proposed program.

TRANSPORTATION

The nearest railroad is at Banks, Idaho, about 35 miles from the mine. Trucking rates from the mine to Banks are estimated at $5 per ton. Rail rates from Banks to Salt Lake Valley points are estimated to approximate an additional $5 per ton.

Access road construction is not required.

ADEQUACY OF REQUESTED FUNDS

Funds requested are considered adequate for the proposed program.

COMPETENCE OF APPLICANT

The applicant is considered entirely competent to carry out the proposed program.

DISCUSSION OF PROPOSAL

The modest exploration required to determine the extent of a small, possibly rich lead-zinc ore shoot apparently is justified. There is little present evidence to indicate that the mine will produce any great tonnage of ore. However, there is a reasonable chance that enough rich ore to repay the loan may be found. Ore deposits associated with pegmatites of this type often are rich but small and discontinuous.

The associated hot springs must be considered in the mine's future development. Up to the present time all the ore produced has come from the vicinity of the hot springs.

McLaughlin
DMEA
6/5/51
Herred

7-13-51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 32

To: Director, Production Expansion Division

Commodity Lead-zinc

Total Amount $600

From: Director, Supply Division

Govt. Participation 50%

1. Name and Address of Applicant L. S. Heller, Route No. 3, Boise, Idaho

2. Location of Property Warm Springs Claim, Sec. 36, T. 12 N., R. 5 E., Boise meridian, Valley County, Idaho

3. Mineral or metal Lead-zinc-silver 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 attached 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? Does not apply

Does the lease have sufficient time to run to cover a future productive period? Does not apply

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

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

a) Available manpower Yes

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

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Has been checked

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? Has been checked

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? Yes

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

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? Has been checked

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? Has been checked

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

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft. See exhibit C, attached contract

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Has been checked

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

a) Are there sufficient data? Yes. See exhibit D, attached contract

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? Yes

e) Is a field check needed? Has been checked

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed? Has been checked

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. Recommended for approval.

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

Reviewed by: E. J. Lyons - GS

G. A. Apell - EM

Date 7-13-51

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