UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (~~or cancelled~~) without certification. DMEA No. 2225

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 _____

V. J. M.
Reviewer's Initials

7973

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[illegible]

[illegible]

[illegible]

Schedule of Proceeds from Property Disposition

D. A. McNabb DMEA 2229 Idm-E238

		Accepted Costs
Operating Equipment		
Atlas Rock Drill, Serial No. 432459	$320.00	
Pneumatic Pusher	150.00	
Hose, drill steel and freight charges	99.44	$ 569.44
Model 25 Sumpump, Serial No. 30812		330.00
		$ 899.44
Air Hoist, Serial No. HBA 171555		642.00
Total Accepted Cost		$1,541.44
Proceeds From Property Disposition		
Sold to D. A. McNabb	$155.00	
Sold to Zanetti Brothers	351.00	506.00
Net Cost to Project		$1,035.44

On November 17, 1954 the Executive Officer, DMEA Field Team Region II, accepted check tendered by D. A. McNabb in payment for the Government's equity in Atlas Rock Drill complete with hose and pusher leg, Serial No. 432459, and Model 25 Sumpump, Serial No. 30812, which had been charged to the exploration project at $899.44.

On March 16, 1954, Zanetti Brothers, Osborn, Idaho, bid $351.00 for Air Hoist, Serial No. HBA 171555. This offer was accepted by DMEA Field Team, Region II, on March 18, 1954.

C. E. Fisher
C. E. Fisher, Auditor

December 6, 1954

GOVERNMENT COPY

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

It is agreed this 24th day of July, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and D. A. McNabb

hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E 238, Docket No. DMEA- 2225, dated January 16, 1952, that the said contract shall be and is hereby terminated as of the first date above written.

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

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

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

UNITED STATES OF AMERICA

By [signature]
Acting Executive Officer, Defense Minerals Exploration Administration Field Team, ~~(Operator)~~ Region II

~~By~~ D. A. McNABB
(Operator)

By D. A. McNabb

18262-1

Surname copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

WASHINGTON 25, D. C.

[illegible] 1955

[illegible]

[illegible]

[illegible]

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[illegible]

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[illegible]

Surname 700

F. L. Knouse
Ellis

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

Mr. D. A. McNabb
Granite Apartments
Apartment 3
Butte, Montana

Re: Docket No. DMEA-2225 (Uranium)
Contract No. Idm-8238
Sylvan Mine
Jefferson County, Montana

Dear Mr. McNabb:

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

The final Report of Review of the contract expenditures, the recommendation of the DMEA Field Team, Region I, Northwest District (formerly Region II), final report waiver, and the final report of the Field Team have been received and accepted by this Administration. Although the total amount approved under the contract was $22,907.00, the sum of $14,232.82 was expended, from which the proceeds from property disposition, amounting to $506.00, were deducted. The total accepted cost, therefore, was $13,726.82, 90 percent of which, or $12,354.13, represented the Government's share. The contract was terminated by agreement before completion of the work.

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

Sincerely yours,

Administrator

FLKnouse:am
2-4-55
cc to: Admr. Reading File
Operating Committee
Docket
Messrs. J. E. Crawford, Rm. 3641
T. H. Kiilsgaard, Rm. 5224
J. O. Hosted, Rm. 3210, GSA
Code 700 Contract File
Contract Adm. and Audit Div. Mr. Knouse DMEA FT, Reg. I, NW Dist. (2)

GOVERNMENT'S COPY

AMENDMENT NO. 4

It is agreed this 12th day of February 195 3, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, and

D. A. McNabb, Basin, Montana

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 238 of January 16, 195 2 between the parties hereto be modified and amended as described in Exhibit "F" attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be October 31, 195 2.

This amendment is made by authority granted the Executive Officer, DMEA Field Team, Region II, in Order No. 2684 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "Allowable Maximum."

Executed in sextuplicate the day and year first above written.

D. A. McNABB
(Operator)

By D. A. McNabb

THE UNITED STATES OF AMERICA

By A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

D. A. McNabb (Sylvan Mine)
Contract Idm-E238
Docket No. DMEA-2225 (Uranium)

Amendment No. 4

EXHIBIT "F"

Amendment No. 2 is deleted and Exhibit "A" is amended as follows:

I. Under Description of the Work on page one, paragraph 2 shall read as follows:

"The work will consist of sinking a 5 x 10 foot (cross-section size) timbered winze 92 feet from the Louise claim adit level, then from a point about 70 feet below the collar of the winze a pumping and loading station is to be excavated, a pump installed, and a drift is to be driven 50 feet eastward and 50 feet westward along the vein. An additional 100 feet of drifting will be done contingent upon the results of the first 100 feet of drifting. The cross section size of the drifts is to be 5 x 7 feet and the drifts are to be timbered. To prepare to sink the winze, the adit portal and about 400 feet of drift and crosscut are to be cleaned out and timbered and a winze sinking station excavated and sinking equipment installed. All the above work is to be done by a contractor.

II. Under Estimate of Costs - Summary, p. 2, Item 2 shall read as follows:

"200 feet of 5 x 7 drift timbered @ $30.00 per foot (contracted).	$6,000.00

D. A. McNabb (Sylvan Mine)
Contract Idm-E238
Docket No. DMEA-2225 (Uranium)

Justification for Amendment No. 4

The winze was sunk to a depth of 92 feet and was stopped at this depth by caving and flooding. Because of the considerable additional expense which would now be necessary to reach 100 feet, it was decided that an amendment to permit drifting at about 70 feet below the collar of the winze be recommended. At this level the eU-U ratio makes it apparent that no leaching of U has taken place. Therefore, drifting at this level should yield the same results as at the 100-foot level.

GOVERNMENT'S COPY

Docket No. DMEA 2225
(uranium)

(Amendment to Change Starting and Completion Dates)

AMENDMENT NO. 3

It is agreed this 2nd day of Dec. 195 2, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and D. A. McNabb, Basin, Montana

each acting in consideration of the agreement to the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E238 of January 16 1952 between the parties hereto be modified and amended to change the ~~starting date from~~ ~~to within~~ ~~No. of day~~ ~~No. of days~~ ~~of the date of the contract and~~ the completion period from 9 (No. of months) to 14 (No. of months) from the date of the contract. The effective date of this amendment shall be Dec. 2 195 2.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2684 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "Allowable Maximum".

Executed in sextuplicate the day and year first above written.

D. A. McNABB
(Operator)
By D. A. McNabb

The United States of America
By A. E. Weissenborn
A.E.Weissenborn, Exec. Officer
DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 19 1952

D. A. McNABB
Exploration Project Contract Idm-E238
Docket No. 2225 (uranium)

Justification of Amendment No. 3

The start of work under the contract was delayed by winter weather and progress to date has been slower than was anticipated. Therefore, in order that the project may be completed it is necessary to extend the date of the contract.

AMENDMENT NO. 2

It is agreed this 31st day of October 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, and

D. A. McNabb, Box 1, Basin, Montana

(Docket No. DMEA 2235 - uranium) 2225 D.M.

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 238 of January 16 1952 between the parties hereto be modified and amended as described in Exhibit "F" attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be October 31 1952.

This amendment is made by authority granted the Executive Officer, DMEA Field Team, Region II, in Order No. 2684 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "Allowable Maximum."

Executed in sextuplicate the day and year first above written.

D. A. McNABB
(Operator)

By D. A. McNabb

THE UNITED STATES OF AMERICA

By A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 20 1952

D. A. McNABB (SYLVAN MINE)
Contract Idm-#238
Docket No. DMEA 2235 (Uranium)
2225 D.M.

AMENDMENT NO. 2

Exhibit "F"

Exhibit "A" is amended as follows, in order that a maximum of 40 feet of crosscutting may be provided under the contract.

I. Under Description of the Work, p. 1, para. 2

Delete: ". . then from the bottom of the winze a drift is to be driven 100 feet eastward along the vein, and 100 feet westward along the vein."

Add: ". . then from the bottom of the winze crosscut a maximum of 40 feet to intersect the vein. Drifts shall be driven from the crosscut a minimum of 80 feet eastward along the vein, and a minimum of 80 feet westward along the vein. Crosscut shall be 5 x 7 feet (cross section) and timbered where necessary."

II. Under Estimate of Costs - Summary, p. 2, Item 2

Delete:	"200 feet of 5 x 7 foot drift timbered, at $30.00 per foot (contracted)	$6,000.00
Add:	"Approximately 160 feet of 5 x 7 foot drift timbered at $30.00 per foot (contracted)	$4,800.00
Add:	"Maximum of 40 feet of 5 x 7 foot crosscut timbered at $30.00 per foot (contracted)	$1,200.00

III. Under Work to be Performed by Independent Contractor, p. 5, Item 2

Change line to read "200 feet of drift and crosscut . . ."

D. A. McNABB (SYLVAN MINE)
Contract Idm-E238
Docket No. DMEA 2225 (Uranium)

Justification for Amendment No. 2

The contract states that "the work will consist of sinking a 5 x 10 foot (cross-section size) timbered winze 100 feet from the Louise claim adit level, 100 feet on the Sylvan vein, . . ." The winze was sunk on an incline (75°) in a SW direction along the Sylvan vein for a distance of 31 feet. From this point on, the winze is almost vertical. At a depth of 60 feet, the vein dips 55° NE. A continuance of the winze along the moderately dipping vein would not permit hoisting operations in the winze. It is in the interest of the Government that the winze be allowed to continue to a depth of 100 feet and that crosscutting, not to exceed 40 feet, be permitted to intersect the Sylvan vein.

E. W. Buel

Dmea 2225

AMENDMENT NO. 1

It is agreed this 15 day of February 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and D. A. McNabb, Granite Apartments - Apartment 3, Butte, Montana

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E238 of January 16, 1952 between the parties hereto be modified and amended as described in Exhibit "B", attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be February 16, 1952.

This amendment is made by authority granted the Executive Officer, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior.

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

Executed in sextuplicate the day and year first above written.

D. A. McNabb
(Operator)

By _____

The United States of America

By A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAR 21 1952

SYLVAN GOLD - D. A. McNABB

Exploration Contract Idm-E238 - Amendment No. 1

EXHIBIT "B"

Change Item 3 of the Contract to read:

The Operator by April 1, 1952, shall commence work on a project of exploration for uranium; shall prosecute the work efficiently, expertly, in a workman like 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 nine (9) months from starting date. The exploration----------.

(June 1951)

Government's copy

Docket No. DMEA DMX 2225
Commodity Uranium
Idm-E 238

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 21 1952

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 16th day of January, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] D. A. McNabb
Granite Apartments - Apartment 3
Butte, Montana

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 Montana, County of Jefferson described as follows: [3] The property is located 3-1/2 miles northwest of Basin, in the Cataract District and in T 6 N., R 5 W. Section 5 and known as the Sylvan Gold Mining Claims, consisting of the following claims: Emily, Helen, Louise, Rocky Boy, Copper King, and Green Mountain.

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

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

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

3. *Exploration project.* The Operator, within Thirty (30) days from the date of this contract shall commence work on a project of exploration for [5] Uranium; 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] Nine (9) months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

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

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

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

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

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

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

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

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

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

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

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 90 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $20,616.30, which is 90 percent of the agreed estimated total cost of this project, $22,907.00.

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.

D. A. McNabb
(Operator)

By D. A. McNabb

THE UNITED STATES OF AMERICA

By C. O. Mattenly
Acting Administrator
Defense Minerals Exploration
Administration

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

MF-202

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 Jefferson, State of Montana, described in a certain Exploration Project Contract dated January 16, 1952, between D. A. McNabb ~~the Sylvan Mine~~, Basin, Montana, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated July 18, 1951, 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 27th day of November, 1951

Otto A Bilbrick

Hans L Philipp

Exploration Project Contract
D. A. McNabb
Sylvan Mine
Docket No. DMEA-2225

EXHIBIT "A"

Description of the Work

The purpose of this work is to explore the Louise lode mining claim for uranium mineralization.

The work will consist of sinking a 5 x 10 foot (cross-section size) timbered winze 100 feet from the Louise claim adit level, 100 feet on the Sylvan vein, then from the bottom of the winze a drift is to be driven 100 feet eastward along the vein, and 100 feet westward along the vein. (See attached map for winze site.) The cross-section size of the drifts are to be 5 x 7 feet and are to be timbered. To prepare to sink the winze, the adit portal and about 400 feet of drift and crosscut are to be cleaned out and timbered and a winze sinking station excavated and sinking equipment installed. A loading and pumping station is to be excavated and a pump installed at the bottom of the winze. All the above work is to be done by a contractor.

About one-half mile of access road to the camp site is to be repaired and maintained. This work is to be done with a tractor and by a contractor.

The compressor that will supply the air for this underground operation is to be repaired and put into condition for winter operation. This work is to be done by contract.

A blacksmith house, and bunkhouse are to be repaired and a compressor shed is to be constructed. This work is to be done by the operator and he will employ one man to help him.

An engineer is to be employed for a period not to exceed three days to map and sample the work done.

The Operator will supervise the work on a part-time basis for a monthly salary of $200.00 per month.

Estimate of Costs

Summary

100 feet winze 5 x 10 foot cross-section size-timbered @ $90.00 per foot (contracted)	9,000.00
200 feet of 5 x 7 foot drift timbered @ $30.00 per foot(contracted)	6,000.00
Cleaning out and retimbering adit portal drift and crosscut to winze site (contracted)	500.00
Excavate winze station and install sinking equipment (contracted)	500.00
Cut station and install pump at the bottom of winze (contracted)	1,000.00
Construct a compressor shed	300.00
Equipment to be purchased	1,993.50
Depreciation--equipment owned by Operator	513.36
Repairs to facilities and equipment	950.00
Trucking charges for supplies	300.00
Engineering services	150.00
30 samples @ $3.00 plus $10.00 for transportation	100.00
Supervision by Operator 8 months @ $200.00 per month	1,600.00
Total estimated cost	$22,906.86

Details

Fixtures and improvements

Construct a compressor house $ 300.00

Timber for this building will be cut on property. The cost of the building will be for labor only.

Operating equipment

To be purchased

1--Atlas rock drill	$ 320.00	
1--Pneumatic pusher	150.00	
Drill steel and rock bits		
2 sets starters @ $24.05 per set	48.10	
2 sets seconds @ $25.65 per set	51.30	
2 sets of hose fittings and couplings @ $24.85 per set	49.70	
Freight from Spokane (est.)	30.90	
1--One-ton Gardner Denver pneumatic hoist	642.00	
1--Sheave wheel 30" dia.	30.00	
200 feet hoisting cable @ $19.26 per 100'	38.52	
1--sinking bucket	8.00	
Freight from Butte (est.)	3.48	
1--Ingersoll-Rand whirley pump	305.00	
Hoses and connections	25.00	
Freight from Butte (est.)	3.50	
570 feet of 2" diam. B I pipe @ $0.40 per foot	228.00	
200 feet of 1" diam. B I pipe @ $0.30 per foot	60.00	
Equipment purchases		$ 1,993.50

To be furnished by Operator

	Fair Market Value
1--Ingersoll-Rand 240 CFM compressor	$ 2,900.00
3--1 ton capacity mine cars @ $90.00	270.00
2--Timber trucks @ $40.00	80.00
Total fair value	$ 3,250.00

$3,250 depreciated over a 60-month period (5 yrs.). $3,250 = $64.17/month - monthly depreciation allowed 60 mos.

$64.17 x 8 months $ 513.36

Labor and Supervision

Labor

1--rough carpenter @ $13.47/8 hrs.

In addition to the daily rate 7-1/2% of the payroll is required for compensation insurance. The cost of the above wages are included under Rehabilitation and Repairs.

Engineering

1--engineer 3 days @ $50.00/day 150.00

Supervision

Operator part time @ $200/month-8months 1,600.00

Rehabilitation and Repairs

One-half mile access road--repair and maintenance	$ 200.00
Repairing bunkhouse--material	65.30
Repairing bunkhouse--labor	134.70
Repairing blacksmith house--material	23.06

423

Repairing blacksmith house--labor	$ 26.94	
Repairing compressor I.R. 240 C.F.M. including repair parts and labor (contracted)	500.00	
Total		950.00

Work to be performed by independent contractor

1. 100 feet of winze (5' x 10' cross-section size, timbered) @ $90.00/ft. (Operator to supply all equipment, contractor to supply fuel, oil, repair parts, timber, labor, and all other items necessary for the performance of the work)	$ 9,000.00
2. 200 feet of drift (5' x 7' cross-section size) @ $30.00/ft. (Operator to supply all equipment, contractor to supply fuel, oil, repair parts, timber, labor and all other items necessary for the performance of the work)	6,000.00
3. Excavate winze station and install winze sinking equipment. (Operator to supply all equipment, contractor to supply fuel, oil, repair parts, timber, labor, and all other items necessary for the performance of the work)	500.00
4. Clean out and retimber adit portal drift and crosscut to winze site (Operator to supply all equipment, contractor to supply fuel, oil, repair parts, timber, labor and all other items necessary for the performance of the work)	500.00
5. Winze station at bottom of winze and pump installation. (Operator to supply all equipment, contractor to supply fuel, oil, repair parts, timber, labor and all other items necessary for the performance of the work)	1,000.00

6. One-half mile of access road repair and maintenance for duration of work. Contractor to do work with a tractor @ $12.00/hr. for actual operating time, including repair costs, fuel, oil, operator's wages, and other items necessary for the performance of the work. Cost of this work is included under Rehabilitation and Repairs.

7. Conditioning an Ingersoll-Rand 240 C.F.M. compressor and the Wankesha power unit. Contractor to supply all supplies, labor and spare parts and other items necessary for the performance of the work. Cost of this work is included under Rehabilitation and Repairs

		$17,000.00

Miscellaneous expenses

Analytical work on 30 samples @ $3.00 each	$ 90.00	
Transportation of samples to laboratory	10.00	
Trucking charges for supplies	300.00	
Total		400.00
Total estimated cost		$22,906.86

MF-200
(June 1951)

Docket No. DMA EA-2275
Commodity Uranium
Idm E

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

It is agreed this ..... day of ....., 195..., between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and[2] D. A. McNabb – an Individual
Grande Apartments - Apt. 3
Butte, Montana

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 Montana, County of Jefferson, described as follows:[3] known as The LOUISE Mining Claims of the Sylvan Mine Group - located 3½ miles northwest of Basin, in the Cataract District and in T6N Section 52

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

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

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

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for[5] Uranium; 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] 9 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

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

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

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

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

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

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

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

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

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

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

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

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.

D. A. McNabb
(Operator)

By _____

THE UNITED STATES OF AMERICA

By Acting Administrator - DMEA

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

Government Copy

RECEIVED OCT 8 1952 U. S. G. S. SPOKANE, WASH.

2236-2

APPROVAL OF SUBCONTRACT
(Under Form MF-200, revised February 1952)

To: D. A. McNabb
(Name of Operator)

That certain contract, or proposed contract, a copy of which you have submitted with your request for approval, dated Sept. 11, 1952, between you and Nick Leritz
(Name of Independent Contractor)

for the performance of the following work: 62 feet of winze and 200 feet of drift

which is all or a specific element of the work described in an Exploration Project Contract dated January 16, 1952, Idm E-238, Docket No. DMEA 2225X (uranium), is hereby approved by the United States of America, subject to all of the terms and conditions relating to such independent contracts set forth in said Exploration Project Contract.

Dated: October 7, 1952.

THE UNITED STATES OF AMERICA

By A E Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 20 1952

CONTRACT FOR MININT WORK

As specified by Exploration Project Contract #DMEA2225

It is agreed the 11th day of September, 1952, between D. A. McNabb, of Granite Apartments - Apartment 3, Butte, Montana hereinafter called the "Operator", and Nick Laretz of Basin, Montana, hereinafter called the "Contractor", as follows:

1. The Contractor will so perform the work and carry out the provisions provided for and specified in that certain Exploration Project Contract between the above said Operator and the United States of America, dated the 16th day of January, 1952, and numbered as follows - Docket No. DMEA2225, Commodity - Uranuim, Idm - E - 238, to the extent specified in Exhibit "A" attached hereto and hereby made a part hereof and no more. Provided, however that this contract shall be subject to the written approval of the Government as specified in Paragraph number 4 of the above mentioned Exploration Project Contract.

2. The Contractor will do said work on that certain property situated in the State of Montana, County of Jefferson, described as follows, to-wit:

> The property is located 3 1/2 miles northwest of Basin, in the Cataract District and in T 6 N, R 5 W, Section 5 and known as the Sylvan Gold Mining Claims, consisting of the following claims: Emily, Helen, Louise, Rocky Boy, Copper King, and Green Mountain.

3. The Contractor will begin said work on exploration for uranuim on or before the ~~1st day of April~~ 11th day of Sept. D.A.M, 1952, which date is the starting date, as amended, in the above mentioned Exploration Project Contract, and he shall prosecute the work efficiently, expertly and in a good and workmanlike manner, and in accordance with good mining standards, and bring the project to completion within a period of nine (9) months from the 16th day of January, 1952, subject, however, to the extension of time allowed by the Government due to the amended starting time allowed by them on the abovesaid Exploration Project Contract.

4. The Contractor will perform said work at the place indicated by the Operator and in accordance with such provision as specified in the said Exploration Project Contract - which specification reads as follows, to-wit:

> The purpose of this work is to explore the Louise lode mining claim for uranuim mineralization.
>
> The work will consist of completing the sinking of a 5 x 10 foot (cross-section size) timbered winze 100 feet from the Louise claim adit level, 100 feet on the Sylvan vein, then from the bottom of the winze a drift is to be driven 100 feet eastward along the vein, and 100 feet westward along the vein. The cross-section size of the drifts are to be 5 x 7 feet and are to be timbered. A loading and pumping station is to be excavated and a pump installed at the bottom of the winze.

5. The Contractor agrees to carry unemployment insurance, and Industrial Accident Insurance all according to the laws of the State of Montana, and to assume full liability of any damages resulting from the work specified in Exhibit "A", and hereby agrees to save harmless the said Operator from any such damages above mentioned. Employees hired by the Contractor will be paid by him and the Operator will be under no liability for any failure to do the same, provided, settlements of sums due are made as hereinafter provided.

6. The Contractor agrees to recognize and comply with all amendments made in his phase of the project by the Government in the above said Exploration Project Contract, provided, however, that he may further contract for further consideration in the event that such amendment, if any, should entail more work during the life of this contract.

7. In consideration for the abovesaid convenants and agreements on the part of the contractor, the Operator hereby agrees to pay said Contractor as provided for in Exhibit "A" attached hereto, and to furnish the equipment, material and supplies provided for in said Exhibit "A", as and when needed by the said Contractor to keep the work progressing in a usual and ordinary manner.

8. The Operator will faithfully perform all covenants and agreements to be by him performed in the abovesaid Exploration Project Contract so as to prevent any hindrance of the progress of said work, and to pay said Contractor all sums due him as provided in Exhibit "A", attached hereto, immediately after each monthly measurement made for the Government Progress Report provided for in paragraph number 12 of the said Exploration Project Contract. Provided, however, that the parties hereto shall have the right to stipulate for an intermediate measurement and settlement each or any month during the life of this contract.

9. The termination and completion of this contract shall be governed by the provisions of paragraph numbered 17 of the said Exploration Project Contract in which, for specified reasons, the Government may terminate said Exploration Project Contract.

Executed in sextuplicate the day and year first above written.

Nick Leritz
Contractor

D. A. McNabb
Operator

EXHIBIT " A "

Extent of work to be performed by Contractor and total cost.

62 feet winze 5 x 10 foot cross-section size timbered	$6,210.00
200 feet of 5x7 foot drift timbered	6,000.00
Cut station and install pump at the bottom of winze	1,000.00
TOTAL	$13,210.00

Specifications of Work and rate to be paid by operator.

62 feet of winze (5' x 10' cross-section size, Timbered) Operator to supply all equipment, contractor to supply fuel, oil, repair parts, timber, labor and all other items necessary for the performance of the work. Payment to be made to the contractor at the following rates:

38 to 50 feet @ $80.00/ft.	960.00
50 to 75 feet @ $90.00/ft.	2,250.00
75 to 100 feet @ $120.00/ft.	3,000.00
Total	$6,210.00

200 feet of drift (5' x 7' cross-section size) @ $30.00/ft. Operator to supply all equipment, contractor to supply fuel, oil, repair parts, timber, labor and all other items necessary for the performance of the work.	6,000.00
Winze station at bottom of winze and pump installation. Operator to supply all equipment, contractor to supply fuel, oil, repair parts, timber, labor and all other items necessary for the performance of the work.	1,000.00
Total	$13,210.00

Wash.

Defense
Dmea 2225
1952

APPROVAL

Contract dated March 3 19 52, between D. A. McNabb, Butte, Mont.

and Alfred R. Hedval, Basin, Mont.

for carrying out certain specified work under the provisions of Exploration Project Contract Idm-E238 between the United States of America and D. A. McNabb

is hereby approved.

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

Dated March 18 19 52.

The United States of America

By A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

[illegible]

as specified by Exploration Project Contract [illegible]

It is agreed the 3rd day of March, 1952, between O.A. McNabb, of Granite Apartments - Apartment 3, Butte, Montana, hereinafter called the "Operator", and Alfred N. Neival of Basin, Montana, hereinafter called the "Contractor", as follows:

1. The Contractor will do perform the work and carry out the provisions provided for and specified in that certain Exploration Project Contract between the above said Operator and the United States of America, dated the 16th day of January, 1952, and numbered as follows- Docket No. DTEA[illegible]25, Commodity - Uranium, Idm - E - 238, to the extent specified in Exhibit "A" attached hereto and hereby made a part hereof and no more. Provided, however that this contract shall be subject to the written approval of the Government as specified in Paragraph number 4 of the above mentioned Exploration Project Contract.

2. The Contractor will do said work on that certain property situated in the State of Montana, County of Jefferson, described as follows, to-wit:

> The property is located 3 1/2 miles northwest of Basin, in the Cataract District and in T 6 N, R 5 W, Section 5 and known as the Sylvan Gold Mining Claims, consisting of the following claims: Emily, Helen, Louise, Rocky Boy, Copper King, and Green Mountain.

3. The Contractor will begin said work on exploration for uranium on or before the 1st day of April, 1952, which date is the starting date, as amended, in the above mentioned Exploration Project Contract, and he shall prosecute the work efficiently, expertly and in a good and workmanlike manner, and in accordance with good mining standards, and bring the project to completion within a period of nine (9) months from the 16th day of January, 1952, subject, however, to the extension of time allowed by the Government due to the amended starting time allowed by term on the aforesaid Exploration Project Contract.

4. The Contractor will perform said work at the time indicated by the Operator and in accordance with the provisions as modified in the said exploration project contract - which modification read as follows, to-wit:

> The purpose of this work is to explore the Louise Hale claim for uranium mineralization.
>
> The work will consist of sinking a 5 x 10 foot (cross-section size) timbered winze 100 feet from the Louise claim adit level, 100 feet on the Sylvan vein, then from the bottom of the winze a drift is to be driven 100 feet eastward along the vein, and 100 feet westward along the vein. The cross-section size of the drifts are to be 5 x 7 feet and are to be timbered. To prepare to sink the winze, the adit portal and about 400 feet of drift and crosscut are to be cleaned out and timbered and a winze sinking station excavated and sinking equipment installed. A loading and dumping station is to be excavated and a chute installed at the bottom of the winze.

5. The Contractor agrees to carry workmen's compensation insurance, and industrial accident insurance all according to the laws of the State of Montana, and to assume full liability of any damage resulting from the work specified in Exhibit "A", and hereby agrees to save harmless the said Operator from any and damages above mentioned. Compliance with by the Contractor will be said by the said Operator will be taken as liability for any failure to do the same, provided, however, that this shall not be the sole or hereinafter provided.

6. The Contractor agrees to comply with all conditions which is in the power of the project by the Government in the above said exploration project contract, provided, however, that he may further request for further modification in the event that such contract, if any, should entail more work during the life of this contract.

7. In consideration for the aforesaid covenants and agreements on the part of the Contractor, the Operator hereby agrees to pay said Contractor as provided for in Exhibit "B" attached hereto, and to provide the equipment, material and supplies provided for in said Exhibit "B", as shall from needed by the said Contractor to carry the work specified in a good and workmanlike manner.

7. The Operator will faithfully perform all covenants and agreements to be by him performed in the aforesaid Exploration Project Contract so as to prevent any hindrance of the progress of said work, and to pay said Contractor all sums due him as provided in Exhibit "A", attached hereto, immediately after each monthly measurement made for the Government Progress Report provided for in paragraph number 12 of the said Exploration Project Contract. Provided, however, that the parties hereto shall have the right to stipulate for an intermediate measurement and settlement each or any month during the life of this contract.

8. The termination and completion of this contract shall be governed by the provisions of paragraph numbered 17 of the said Exploration Project Contract in which, for specified reasons, the Government may terminate said exploration Project Contract.

Executed in sextuplicate the day and year first above written.

Approved: The United States of America.

By _____

_____
Contractor

_____
Operator

Government Copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 22 1954

DISPOSAL OF GOVERNMENT'S INTEREST IN PROPERTY

(FORM A)

1/ To: Mr. D. A. McNabb

Box 1

Basin, Montana

The United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, for a valuable consideration hereby sells, assigns, transfers and sets over to you all of its right, title and interest in ~~all~~ some property acquired under Exploration Project Contract Idm-E 238, Docket No. DMEA 2225, dated January 16, 1952 (which is listed below: 2/

1 - Atlas Rock drill complete with hose and pusher leg, Serial No. 432459

1 - Model 25 Sumpump, Serial No. 30812

Dated November 17, 1954 THE UNITED STATES OF AMERICA

By A. E. Weissenborn
A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II
Title

1/ Insert name of purchaser.

2/ If the Government's interest in all property is being transferred at one time, strike the words "which is listed below." If the Government's interest in less than all property is being transferred, list the property being transferred, in the space provided, or if there is insufficient space provided, write in the space on the form the words "See Exhibit 1, attached hereto and made a part hereof," and attach list entitled "Exhibit 1" to form.

COPY of MINING LEASE

(Any State or Alaska)

This Indenture, Made this I6th day of July,

in the year of our Lord one thousand nine hundred and fifty one (I95I

Between Otto A. Bittrick, and Harve H. Phipps

hereinafter designated the Lessors and

D.A. McNabb of Basin, Montana

hereinafter designated the Lessee

Witnesseth, That the lessors for and in consideration of the rents, royalties and agreements hereinafter reserved, and by the lessee to be paid, kept and performed by him granted, demised, leased and let, by these presents do grant, demise, lease and let unto the lessee D.A. McNabb that certain mine and mining property situated in Cataract Mining District, District of Montana and more particularly described as follows, to - wit;

Sylvain Gold Mine Claims, described as follows;

The Emily, The Helen, The Louise, The Rocky Boy, The Copper King,

and Green Mountain, Claims.

Together with the appurtenances, and rights and privileges to prospect the same for Gold, precious metals and minerals, and mine and extract the same, and to sell mill or smelt or otherwise reduce the same.

TO HAVE AND TO HOLD the same unto the said lessee, for the term of Five years from date hereof, expiring at noon on the I6th day of July, I956 A.D. unless sonner forfeited or through the violation of any covenent hereinafter against the said lessee reserved.

And in consideration of said lease, demise and privileges, the lessee does covenent and agree with the lessors as follows, to - wit;

To enter upon said mining claim and premises and work the same mining fashion, in manner necessary to good economical mining, so as to take out the greatest amount of ore, gold, precious metals and minerals, practicable with due regard to

safety, development and preservation of the said premises as a workable mine the Lessee to have the use of mining equipment as is now on said mining property: the lessee agreeing to preserve, keep in normal repair and to take good care of all said mining equipment.

To work and mine said premises as aforsaid steadily and continuously from the date of this lease as weather and the season of the year will permit Not less than Fifteen Hundred Dollars in work, each year.

To keep all sluices, ditches, drains, waterways and passageways cleared of loose rock and rubbish, and to do all things necessary to promote the usefulness of said mining property as a whole mine, and to develop the same and do not act thereon during the term of this lease, which would impede mining operations or impair the operating condition of said mining claim, and generally to so conduct operations as to conform to the laws of the United States and the State of Montana, and the local rules and regulations of miners in said mining district, and to do not act and suffer no default which might in any manner involve the said lessors ownership in said mining property, in liability of any kind of character.

To not locate or record said mining property, or allow the same to be recorded by anyone except the said lessor, or agent. To not allow or permit any person or persons, except the said lessee Dal McNabb or his - agent or workmen, to take or hold possession of said premises, or any part thereof, under any pretense whatever.

To not assign this lease, or a ny interest thereunder, and to not let the said premises or any part thereof, without the written consent of said lessors.

To pay and to deliver to said lessors, as rent and royalty twenty (20) per cent, of the net smelter returns or yield of production for the/ of all gold, minerals and precious metals to be extracted from said premises, and not to exceed 30% thereafter for three years, during said term, of like assay as that retained by said lessee, at said place as said lessors shall direct.

The Lessee to post necessary notices that he is operating under a lease and is solely responsible for all labor and materials bills, and that said lessors are held free and clear of said obligations.

and to allow said lessors to be present at each and every cleanup, or sampling of ore extracted, and to inspect and to examine the same.

To deliver up to said lessors the said premises with the appurtenances and all improvements in the way of mining equipment in good order and condition, and the mine in all points ready for continued working, (accidents not arising from negligence alone excusing) without demand or further notice, on said sixteenth (I6th) day of July, I956, A.D. at noon or at any time previous, upon demand for forfeiture.

Finally, upon the violation or failure to perform by said lessee, or any person under him, of any covenent or covenents, hereinbefore reserved, the term of this lease, and all rights and privileges thereunder, shall, at the option of said lessors, expire, and the same and said premises with the appurtenances shall at once become forfeited to said lessors, and the said lessors or their agent may there upon, at the demand of possession in writing to be delivered to said lessee, or in his absence by posting said demand in a conspicuous place on said premises for the term of three days, enter on said premises and depossess all persons ocupying the same, with or without force, and with or without process of law; or, at the option of said lessors, the said lessee and all persons found in occupation may be proceeded against as tresspassers from the beginning of said term, both as to realty and the metals and minerals severed therefrom; or as guilty of unlawful detainer.

Each and every clause and covenant of this indenture shall extend to the heirs, executors and administrators of all parties hereto; and to assigns of said lessors; andas said lessors mayy elect to the assigns of said lessee.

Signed Otto A. Bittrick, Harve H. Phipps, D.A. McNabb. Notorized

Recorded; State of Montana, County of Jefferson, 3I day of July

I9~~5~~I, Book 6 of Misc. on page 2I.

Signed;

Alta M. Dawson

County Recorder

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMA 2225
Metal or Mineral
Date Received 11-13-51
Amount $
Participation (Government %)

D.A.McNabb
Granite Apts, Apartment 3
Butte, Montana

Name and address of applicant

Date October 31, 1951

If you have already filed MF-100, give date filed October 31, 1951, type of assistance requested Exploration loan,

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   Note: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. NOV 13 10 26 AM

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list 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.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

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

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 Dallas A. McLabb. (Signature of authorized official)
Oct. 31, 1951 (Date)	Lessee (Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana

October 3I,I95I

I. (a) The property of the Sylvan mine as described in lease attached, will be involved in this exploration project.
(b) Copy of lease is attached to this application.
(c) The Louise claim,of the Sylvan group of claims is where the exploration is to be conducted.

2. (a) Uranium.
(b) The present vein structure is highly Radio Active. Further AEC surveys show leached Uranium deposit,indicating the possibility of Uranium Ore with depth. Will submit the only Map available showing mine workings and Radio Active section where exloration work is to be done. Request return of Map.

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana.

October 3I,I95I

3. (a) Repair ½ mile road, and buildings, repair mine portal and mine workings necessary for project operation.
Excuvate and install underground hoist room and facilities to sink winze.
Sink a 5'xI0' winze, I00' in depth on the vein.
Drift I00' west and I00' east on the vein at the bottom of the winze
Total cost of full project, ($2I,I50.00) Twenty one thousand one hundred and fifty dollars.

(b) Project could be started at any time,and would be completed in about eight months.

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana

October 31,1951

4. The available map showing the information requested was submitted under question No. 2 part b

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana.

October 3I,I95I

5.	Repair, seting culverts and maintaining ½ mile road	$ 500.00
	Rehabilitation of bunk house.	300.00
	Rehabilitation of blacksmith house.	I00.00
	Construction of compressor house.	300.00
	Repairing and parts, Winterizing compressor.	500.00
	Trucking charges for all necessary supplies and materials for repairs.	300.00
	Repair mine portal and mine workings, install and change timber.	500.00
	Track in place to project, Necessary cars and timber truck in good condition.	

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana

October 3I,I95I

6.	Excuvate and install underground hoist room.	$ 500.00
	570' of 2" air line @40¢ per foot.	228.00
	200' of I" water line @30¢ per foot.	60.00
	Note; This includes I00' of pump line down winze.	
	Cut station and install pump setup at bottom of winze to carry on drifting operations.	I000.00

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana

October 3I,I95I

7. (a) None.

(b) Atlas rock drill, 2 sets of steel and bits. $ 650.00
Gardner Denver 2 ton hoist (air). Including cable, sinking bucket and sheave wheel. $ 722.00

One Ingersol-Rand (whirley) sinking pump and discharge hoses and connecctions. 500.00

(c) Compressor, Cars, timber truck and track.

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana.

October 3I,I95I

8. The sinking of the winze and drifting work on this project is going to be done by contract, with the Contractor furnishing all necessary labor and timber. Including gasoline, oil, powder primers and fuse.

Winze to be contracted @$90.00 per foot. (timbered)	$ 9,000.00
Drifts @ $ 30.00 per foot (timbered)	6,000.00

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana

October 3I,I95I

9. All information under this question will be furnished the Government by the Contractor when he submits his complete itimized cost list, to me.

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana.

October 31,1951

10. (a) Twenty Five Hundred Dollars. ($ 2500.00)

(b) Yes.

11. None.

Dallas A. McNabb

Lessee

D.A. McNabb
Granite Apts, Apartment 3.
Butte Montana

November 27, 1951

(REVISION of Form MF -103, question 7 , part C)

(C) Ingersoll Rand Portable Compressor 240 Cubic Foot Capacity , Cars, timber truck and track.

D.A. McNabb

Lessee D.A. McNabb

2225

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 18 1951

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmd 22225

Date received 11-13-51

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana

Name and address of applicant

Date October 31, 1951

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

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

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☒ Lessee.
   - ☐ Contractor.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin Cannot State
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

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

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

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

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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

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

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 Dallas A. McKabb
(Signature of authorized official)

Oct. 31-1951
(Date)

Lessee
(Title)

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

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

D.A.McNAbb
Granite Apts. Apartment 3
Butte, Montana

October 3I,I95I

GENERAL TECHNICAL DATA

I. Materials produced:

(a) Uranium Oxide.
(b) Lead, Silver.

2. Louise Mine, Adit Tunnel, Also called the Sylvan Mine.

(a) None
(b) 470 ft. drifts and crosscuts.
(c) I70 ft. Adit
(d) Inaccessible.

Mine not flooded but wet. Will have pumping problems in sinking. Cannot state productive capacity.

3.
(a) 3½ miles Northeast of Basin, Montana.
(b) Cataract District.
(c) T6N. R5W. Section 5.
(d) Jefferson, Montana.

4. (a) Property not in operation
(b) Lessee.

5. None. Cannot state when production will begin.

6. (a) Operator of own Business for 3I years
(a) The person Managing the Project has had I7 years mining experiance, Including I2 Years as Supervisor.

7. (a) Previously explored for Lead, Silver, Gold, with no commercial ore discovered, causing suspention of operation.
(b) Not available.
(c) Private reports not available. This Mine has been examined and recommended for further Exploration by AEC Geolagists, P.O.Box I74I, Spokane, Washington.

8. Dallas A. McNabb, Granite Apts. Apartment 3, Butte, Montana. Lessee.

9. None.

I0. None

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana.

October 3I,I95I

II. Inapplicable.

I2. None
(a) Information as to deposit found under question 7 (c).
(b)
(I) Inapplicable at present time.
(2) ''' ''' '' ''' ''' '''
(c) Not Placer.

I3. 3½ miles to Basin, Montana. 3 miles of County Maintained road, ½ mile of poor road.

I4. Deer creek flows by Portal of mine, giving ample water at all seasons of year.

I5. No Power. All equipment to be operated by gasoline or deisel.

I6. Inapplicable.

I7. One bunk house, One blacksmith, house, One compressor shed, all in poor condition. Track for this operation in fair condition, Two mine cars and timber truck in fair condition, Pipe line needs replacing. Compressor needing repairs on property

I8. The portal and present mine openings are ~~in~~ badly in need of repair for safe and efficient operation of this project.

Dallas A. McNabb
Lessee

For Certificate of Deposit No. 180, dated November 18, 1954, giving property proceeds of $139.50, see E-133.

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

Schedule No. 131

Sheet No. 1

DEPARTMENT OF THE INTERIOR (Department or Establishment)

DEFENSE MINERALS EXPLORATION ADMINISTRATION (Bureau or Office)

Received by A. O. WAHLERS, REGIONAL DISBURSING OFFICER (Name) (Title) at Portland, Oregon (Station)

Period April - 1954 (Month or quarter ended) 14-23-020 D. O. Symbol No. 420

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
1954 4/23		Zanetti Brothers	For purchase of Government's equity in jointly owned equipment, D. A. McNabb, Contract Idm-E238	$315.90	14X4401 Revolving Fund, Defense Minerals Production Act, Interior
			SUMMARY 14X4401 - $315.90		
			Total,	$315.90	

Received _____, subject to collection. Forwarded April 23, 1954

A. O. WAHLERS, REGIONAL DISBURSING OFFICER
(Disbursing clerk or accountable officer)

By _____

By _____ (Name) R. J. Hindman

Title Authorized Certifying Officer

Certificate of Deposit No. _____ dated _____

☆ U. S. GOVERNMENT PRINTING OFFICE 10—1790

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1952 Docket No. DMEA 2225 Contract No. Idm-E 238
Operator's Name D.A.McNabb Minerals Uranium
Address Box #I Basin, Montana
Contract Amount, $ 22,907.00 Government Participation: 90% Amount, $ 20,616.30

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing (Road Repair)		200.00	200.00		200.00	200.00
Crosscutting (Winze Station)		500.00	500.00		500.00	500.00
Drifting						
Sinking Winze	2220.00	5820.00	8040.00	222000	5820.00	8040.00
(2) Labor and Supervision:						
Labor		100.00	100.00		100.00	100.00
Supervision	200.00	1400.00	1600.00	200.00	1400.00	1600.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe	76.65	55.31	131.96	76.65	55.31	131.96
Track						
Others		109.06	109.06		109.06	109.06
(4) Operating Equipment:						
Rental						
Purchase		1629.15	1629.15		1629.15	1629.15
Depreciation	64.17	320.85	385.02	64.17	320.85	385.02
(5) Initial Rehabilitation and Repairs		400.00	400.00		400.00	400.00
(6) New Bldgs., Improvements, etc.		393.59	393.59		393.59	393.59
(7) Miscellaneous:						
Repairs to Equipment		444.04	444.04		444.04	444.04
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Transportation		300.00	300.00		300.00	300.00
(8) Contingencies (specify):						
TOTALS	2560.82	11,672.00	14,232.82	2560.82	11672.00	14232.82

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

Date Dec. 1, 1952 Payee D.A.McNabb

Per D. A. McNabb Title Operator

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

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

(Instructions on reverse)

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

$ 2304.74

Signature (Authorized Certifying Officer)

Date 12/11/52 Vou. No. (See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 228 in accordance with the terms of the contract.

Signature Edward W Buell Title Min Engr Date 12/9/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Thomas E Howard Title Min Engr Date 12/9/52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 15 1952

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1952 Docket No. DMEA 2225 Contract No. Idm-E 238
Operator's Name D.A. McNabb Minerals Uranium
Address Box #I Basin, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Foot						200	
Crosscutting								
Raising								
Shafts								
Winzes	Foot	2560.82	I9	9530.00	92	I35.86	I00	
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails				355.00				
~~Cutting winze station~~				657.I7				
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Transportation ommited				50.00				
Operating Equipment Purchased				I793.52				
Initial Rehabilitation and Repairs				524.50				
New Buildings, Improvements, etc				8I8.59				
~~Repairs to Equip~~				504.04				
TOTAL COSTS		2560.82		I4,232.82				

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

Date Dec. I 1952 Operator D.A. McNabb

Per D.A. McNabb Title Operator

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

D.A. McNabb

Docket No. D.M.E.A. 2225 -x Uranium

Narritive - November 1952

Sinking of winze from 73 ft. level to 92 ft. level. We had very bad ground all 19 ft. Also trouble pumping water as the pump would not pump after 72ft. We put an air lift in the discharge line and pumped fairly good to 85 ft. From that point we put another pump in at a bigger capacity and are doing nicely. The Mine is not making too much water as with the differant pump we can pump out in about 45 minutes. Our big trouble has been the bad ground. We are timbering with ½ sets at present and are holding it nicely, but is awful slow. The sluff has been on the west wall but the last round looks as tho it is hardening. The sinking and station should be completed this week.

"I certify that this is a true statement of work done for the month of November, 1952"

D. A. McNabb.

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. 525

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Spokane, Washington 11/20/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E238

To D. A. McNabb,
(Payee)

Box 1, Basin, Montana
(Address) (City) (State)

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 Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	October 1952	As per attached certified form MF-104 dated 11/1/52				2,019	75
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	2,019	75

(Payee must NOT use this space)

Differences .....

Account verified; correct for 2,019 75

(Signature or initials) .....

Contract No. Idm-E238 Date Req. No. Date Invoice Rec'd.

2,019.75

MEMORANDUM

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	2,019.75	2,019.75

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.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 26 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1952 Docket No. DMEA 2225 Contract No. Idm-E 238
Operator's Name D.A. McNabb Minerals Uranium
Address Box I, Basin, Montana
Contract Amount, $ 22,907.00 Government Participation: 90 % Amount, $ 20,616.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form } Contracts:						
Drilling						
Bulldozing (Road repair)		200.00	200.00			
Crosscutting (Winze station)		500.00	500.00			
Drifting						
Sinking winze	1980	3840.00	5820.00			
(2) Labor and Supervision:						
Labor		100.00	100.00			
Supervision	200.00	1200.00	1400.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe		55.31	55.31			
Track						
Others		109.06	109.06			
(4) Operating Equipment:						
Rental						
Purchase		1629.15	1629.15			
Depreciation	64.17	256.68	320.85			
(5) Initial Rehabilitation and Repairs		400.00	400.00			
(6) New Bldgs., Improvements, etc.		393.59	393.59			
(7) Miscellaneous:						
Repairs to Equipment		444.04	444.04			
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Transportation		300.00	300.00			
(8) Contingencies (specify):						
TOTALS	2244.17	9427.83	11672.00	2244.17	9427.83	11672.00

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

Date Nov. 1, 1952 D.A. McNabb
Payee

Per D.A. McNabb Title Operator

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

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

(Instructions on reverse)

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

$ 2019.75

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 24 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. DMEA 2225 Contract No. Idm-E 238
Operator's Name D.A. McNabb Minerals Uranium
Address Box I, Basin, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Foot						200	
Crosscutting								
Raising								
Shafts								
Winzes	Foot	2244.17	22	6969.18	73	95.46	100	
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails				355.00	~~355.00~~			
~~Cutting winze station~~				657.17				
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Transportation ommited				50.00				
Operating Equipment Purchased				1793.52				
Initial Rehabilitation and Repairs				524.50				
New Buildings, Improvements, etc.				818.59				
Repairs to equipment				504.04				
TOTAL COSTS		2244.17		11672.00				

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

Date Nov. 1, 1952 Operator D.A. McNabb

Per D.A. McNabb Title Operator

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

D.A. McNabb

Docket No. D.M.E.A. 2225 x Uranium

Contract I.D.M.E. 238

Invoice Distribution - October I952

Item #I	Sinking Winze	$I,980.00
" # 2	Supervision (see payroll)	200.00
" # 3	None	
" # 4	Furnished by Operator Compressor, cars and other equipment (depreciation)	64.I7
"# 5	None	
" # 6	None	
	Total	$ 2244.I7

I certify this is a true copy for invoice distribution for month of October, I952, for Contract I.D.M.E. 238

D. A. McNabb

D.A. McNabb

Docket No. D.M.E.A. 2225- x Uranium

Narritive - October I952

Sinking of Winze from 5I ft. level. From 5I' to 60' we had very bad ground. Soft and gravely, hard to load. Using 8' steel and pulling about 3'. Very strong count inthe footwall, but just a stringer about ¼ in. thick from 5I' to 60'. At 60' the vein turned into the hanging at about a 55 degree angle, having to k leave the vein. Still on a vein but not radio-active. Below that it is running in a decomposed granite on the west wall to 73'. Having a lot of trouble pumping as it looks as tho the pump is at full capacity at 70'. At present we are 73'.

"I certify that this is a true statement of work done for the month of October. I952"

D.A. McNabb

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Regs No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

B. Vou. No. 509

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Spokane, Wash.
(Give place and date)

NOV 15 1952

PAID BY

(For use of Paying Office)

THE UNITED STATES, Dr., *Payee's Account No.* Idm-E238

To D. A. McNabb
(Payee)

Box 1, Basin, Montana
(Address) (City) (State)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	Sept. 1952	As per attached certified form MF-104 dated 11/3/52. Supplement.				685.18	
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 685.18

(Payee must NOT use this space)

Differences .....

Account verified; correct for 685.18

(Signature or initials) .....

Contract No. Idm-E238 Date Req. No. Date Invoice Rec'd.

685.18

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14 X4401	Revolving Fund, Defense Production Act, Interior.	685.18	685.18

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.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

-104 (Rev.)
ril 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 20 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1952 Docket No. DMEA 2225 Contract No. Idm-E-238
Operator's Name D.A. McNabb Minerals Uranium
Address Box I, Basin, Montana
Contract Amount, $ 22,907.00 Government Participation: 90% Amount, $ 20,616.30

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing (Road Repair)		200.00	200.00			
Crosscutting Winze Station)		500.00	500.00			
Drifting						
Sinking Winze	1290.00	2550.00	3840.00			
(2) Labor and Supervision:						
Labor		100.00	100.00			
Supervision	200.00	1000.00	1200.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe and Freight	55.31		55.31			
Track						
Others		109.06	109.06			
(4) Operating Equipment:						
Rental						
Purchase		1629.15	1629.15			
Depreciation	64.17	192.51	256.68			
(5) Initial Rehabilitation and Repairs		400.00	400.00			
(6) New Bldgs., Improvements, etc.		393.59	393.59			
(7) Miscellaneous:	73.45	370.59	444.04			
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Transportation	30.00	270.00	300.00			
(8) Contingencies (specify):						
TOTALS	1712.93	7714.90	9427.83	1,712.93	7714.90	9427.83

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

Date Sept 1, 1952 *Payee D.A. McNabb

Per D.A. McNabb Title Operator

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

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

(Instructions on reverse)

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

$ 856.46

Signature
(Authorized Certifying Officer)

Date 10/23/52 Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

FC[illegible]IF-104A
(April 1952)

Transportation of $50.00 ommited on form MF-104A for previous month, Aug. 1952

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 20 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1952 Docket No. DMEA 2225 Contract No. Idm-E 238
Operator's Name D.A. McNabb Minerals Uranium
Address Box I, Basin, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Foot						200	
Crosscutting								
Raising								
Shafts								
Winzes	Foot	~~16~~	16	4725.01	51	92.64	100	
Drilling: Core		1584.17						
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails				355.00				
Cutting Winze Station				657.17				
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Transportation ommited				50.00				
Operating Equipment Purchased		55.31		1793.52				
Initial Rehabilitation and Repairs				524.50				
New Buildings, Improvements, etc				818.59				
		73.45		504.04				
TOTAL COSTS		1712.93		9427.83				

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

Date October 1, 52 Operator D.A. McNabb

Per D.A. McNabb Title Operator

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

D.A.McNabb

Docket No. D.M.E.A. 2225 -x Uranium

Narrative - September 1952

Sinking of winze from 35 ft. level. From 35 ft. to 38 ft. encountered bad and heavy ground. We had to timber to the sump in order to hold it. The reason for this is when the men quit the Contractor they left for three days leaving all the walls sluff in. They also left the pump in the sump and not tied up. We worked three days getting the pump out, then had to have the pump overhauled. I borrowed another pump in the meantime. At 38 ft. Alfred Hedval terminated his Contract, on the tenth day of Sept. The termination came in writing. On Sept. II, 1952 I drew up a new contract to complete the job from where it was left off. At that time I had to have the Compressor worked on and put back in shape. We ran a pipe line up the creek and put a dam in to keep cool water running thru all the time, also timed and checked the motor all the way thru. At 38 ft. we encountered more water, thinking we might have to get a bigger pump. to date we are getting along fine but have to keep pump running steady. At 4I ft. Mr. Girrard Of the A.E.C. visited, taking check and finding the count considerable higher. this seemed to come in on the east wall, whereas the count was always higher on the west wall. At 44ft. we came on a nice looking manganese(pink) next to the hanging wall, the Uranium lead carried 22 In. then to the foot it carried siver to a small extent. At 46 ft. Mr. Girard visited again. Taking check with his instruments it looks and counts higher than it has since the start of sinking. The rock is harder. It seems as though we have hit water level, and the leash, soft rock has turned more solid. We encountered more trouble wiyh the pump at 48 ft. Put a new propelor in and working good again. The Uranium vein at 46 ft. is I4" wide. The Uranium vein continues to 5I"ft. at I4" wide. Blasted a round but not cleaned out. Nothing new to report.

"I certify that this is a true statement of work done for the month of Sept. 1952"

D.A. McNabb

Form M-[illegible] (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R1036.3.
Defense Approval Expires 6-30-53 (10)

RECEIVED
NOV 17 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

SUPPLEMENTAL

Month of September, 1952 Docket No. DMEA 2225 Contract No. Idm-E238
Operator's Name D. A. McNabb Minerals Uranium
Address Box 1, Basin, Montana
Contract Amount, $ 22,907.00 Government Participation: ____% Amount, $ 20,616.30

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision	Amount	claimed on				
Technical Services	original	invoice	$1,712.93	90% amount due		$1,541.64
(3) Operating Mat'ls. and Supplies:	Amount	approved	1,712.93	Paid		856.46
Timber						
Explosives			Balance	of 90%	due	$ 685.18
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,712.93	7714.90	9427.83			

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

Date Nov 3-52 *Payee D. A. McNabb

Per D. A. McNabb Title Operator

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

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

(Instructions on reverse)

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

$ 685 18

Signature _____
(Authorized Certifying Officer)

Date _____ Vou. No. _____

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. Was 2

Bu. Vou. No. DMA-456

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 10/24/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-F. 238

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

To D. A. McNabb,
(Payee)

Box I, Basin, Montana
(Address) (City) (State)

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 Federal supply schedule, and other information deemed necessary) Discount Terms net	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	September 1952	As per attached certified form MF-104 dated October 1, 1952				856	46
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 856 46

(Payee must NOT use this space)

Differences

Account verified; correct for 856 46

(Signature or initials)

Contract No. Idm-F. 238 Date Req. No. Date Invoice Rec'd.

856.46

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X1401	Revolving Fund, Defense Production Act, Interior	856.46	856.46

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.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

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

Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.
Approval expires 8-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 23 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1952 Docket No. DMEA 2225 Contract No. Idm-E 238
Operator's Name D.A. McNabb Minerals Uranium
Address Box I, Basin, Montana
Contract Amount, $ 22,907.00 Government Participation: 90% Amount, $ 20,616.30

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing (Road Repair)		200.00	200.00			
Crosscutting (Winze Station)		500.00	500.00			
Drifting						
Sinking Winze	1290.00	2550.00	3840.00			
(2) Labor and Supervision:						
Labor		100.00	100.00			
Supervision	200.00	1000.00	1200.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe and Freight	55.31		55.31			
Track						
Others		109.06	109.06			
(4) Operating Equipment:						
Rental						
Purchase		1629.15	1629.15			
Depreciation	64.17	192.51	256.68			
(5) Initial Rehabilitation and Repairs		400.00	400.00			
(6) New Bldgs., Improvements, etc.		393.59	393.59			
(7) Miscellaneous:						
Repairs to Equipment	73.45	370.59	444.04			
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Transportation	30.00	270.00	300.00			
(8) Contingencies (specify):						
TOTALS	1712.93	7714.90	9427.83	1712.93	7714.90	9427.83

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

Date October 1, 52 Payee D.A. McNabb

Per D.A. McNabb Title Operator

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

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

(Instructions on reverse)

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

$ 836.46

Signature (Authorized Certifying Officer)

Date 10/23/52 Vou. No. (See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Transportation of $50.00 ommited on form Mf-104A For previous month, Aug. 1952

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 20 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1952 Docket No. DMEA 2225 Contract No. Idm-E 238
Operator's Name D.A. McNabb Minerals Uranium
Address Box I, Basin, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Foot						200	
Crosscutting								
Raising								
Shafts								
Winzes	Foot	1584.17	16	4725.01	51	92.64	100	
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails				355.00				
Cutting Winze Station				657.17				
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Transportation ommited from previous month				50.00				
Operating Equipment Purchased		55.31		1793.52				
Initial Rehabilitation and Repairs				524.50				
New Buildings, Improvements, etc.				818.59				
Repairs to Equipment		73.45		504.04				
TOTAL COSTS		1712.93		9427.83				

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

Date Oct. 1, 1952 Operator D.A. McNabb

Per D.A. McNabb Title Operator

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

D.A. McNabb

Docket No. D.M.E.A. 2225-x Urahium

Narritive - September 1952

Sinking of winze from 35 ft. level. From 35 to 38ft. encountered bad and heavy ground. We had to timber to the sump in order to hold it. The reason for this is when the men quit the Contractor they left for three days leaving all the walls sluff in. They also left the pump in the sump and not tied up.We worked three days getting the pump out,then had to have the pump overhauled. I borrowed another pump in the meantime. At 38 Ft. Alfred Hedval terminated his contract,on the tenth day of Sept. The termination came in writing,on the IIth day of Sept. I drew up a new contract to complete the job from where it was left off. At that time I had to have the compressor worked on and put back in shape. We ran a pipe line up the creek and put a dam in to keep cool water running thru all the time,also timed and checked the motor all the way thru. At 38 ft. we encountered more water,thinking we might have to have a bigger pump. To date we are getting along fine but have to keep pump running steady.At 4I ft. Mr. Girrard of the A.E.C. visited,taking. check and finding count considerable higher.This seemed to come in on the east wall, whereas the count was always higher on the west wall. At 44 ft we came on a nice looking manganese (pink) next to the hanging wall, the Uranium lead carried 22 in. then to the foot it carried silver to a small extent. At 46 ft.Mr. Girrard visited again. Takin check with his instruments it looks and counts higher than it has since the start of sinking. The rock is harder. It seems as though we have hit water level,and the leach soft rock has turned moe solid.We encountered more trouble with the pump at 48 ft. Put a new proppelorin and working good again. The Uranium vein at 46 ft. is I4" wide. The Uranium vein continues to 5I ft. at I4" wide. Blasted a round but not cleaned out. Nothing new to report.

" I certify that this is a true statement of work done for the month of Sept. I952"

D.A. McNabb

D.A.McNabb
Docket No. D.M.E.A. 2225 -x Uranium
Contract Idm -E 236

Invoice Distribution - September 1952

Item #1	Sinking Winze,	Invoice No. 1		$ 240.00
	" " " "	Invoice No. 2		1050.00
			Total	$ 1290.00
Item #2	Supervision (see payroll)			$ 200.00
Item #3	Operating Mat'ls. and Supplies			
(a)	Purchased.			
	Pipe	Invoice No. 3		$ 52.71
	Freight	" " No. 4		2.60
			Total	$ 55.31
Item #4	Operating Equipment.			
	Depreciation			$ 64.17
Item #7	Repairs to Equipment.			
	Compressor repair	Invoice #5 (Note Invoice # 5)		$ 73.45
	Transportation	Invoice #6		30.00
			Total	$ 103.45
			Total	$ 1712.93

"I certify this is a true copy for invoice distribution for month of Sept. 1952, for contract Idm -E 236

D.A. McNabb

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

Montana

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. DMA-419

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 10/13/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm E 238

To D. A. McNabb,
(Payee)

Box 1, Basin, Montana
(Address) (City) (State)

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 Federal supply schedule, and other information deemed necessary) Discount Terms net	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	August 1952	As per attached certified form MF-104 dated September 1, 1952				1,632	75
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 1,632 75

(Payee must NOT use this space)

Differences .....

Account verified; correct for 1,632 75

(Signature or initials) .....

Contract No. Idm E 238 Date Req. No. Date Invoice Rec'd.

1,632.75

MEMORANDUM

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	1,632.75	1,632.75

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.....

16—22900a-2

OCT 20 1952

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.

   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1952 Docket No. DMEA [illegible] Contract No. I.D.M.E. [illegible]
Operator's Name D. A. Lomb Minerals Uranium
Address Box 1, Lewis, Montana
Contract Amount, $ 23,037.00 Government Participation: 90 % Amount, $ 20,730.30

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing (Road Repairing)			200.00		200.00	200.00
Crosscutting Diamond Drilling			500.00		500.00	500.00
Drifting						
Sinking Labor	1500.00	1050.00	2550.00	1500.00	1050.00	2550.00
(2) Labor and Supervision:						
Labor			100.00			
Supervision	200.00	800.00	1000.00	200.00	800.00	1000.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Others			109.06		109.06	109.06
(4) Operating Equipment:						
Rental						
Purchase			1629.15		1629.15	1629.15
Depreciation	64.17	128.34	192.51	64.17	128.34	192.51
(5) Initial Rehabilitation and Repairs			400.00		400.00	400.00
(6) New Bldgs., Improvements, etc.			393.59		393.59	393.59
(7) Miscellaneous:						
Repairs to Equipment			370.59		370.59	370.59
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Transportation	50.00	220.00	270.00	50.00	220.00	270.00
(8) Contingencies (specify):						
TOTALS	1814.17	5900.00	7714.90	1814.17	5900.00	7714.90

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

Date Oct. 1-52 *Payee D. A. Lomb

Per D. A. Lomb Title Owner

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

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

(Instructions on reverse)

OCT 2 - 1952

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

$ 1637.75

Signature [illegible]
(Authorized Certifying Officer)

Date 10-9-52 Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1953 Docket No. DMEA 0030 Contract No. [illegible]

Operator's Name D. A. DeHabb Minerals Uranium

Address Box 1, Butte, Montana

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes	Foot	1700.17	20	3140.04	65	83.74	100	
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails				825.00				
Cutting Dump Station				657.17				
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased				1700.21				
Initial Rehabilitation and Repairs				724.00				
New Buildings, Improvements, etc.				810.00				
Repairs to Equipment				450.00				
Total Costs		1700.17		7906.90				

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

Date 9-1-53 Operator D. A. DeHabb

Per D. A. DeHabb Title Operator

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

D. A. McNABB

Docket No. DMMA 2225X (Uranium)

Contract Idm-5236

NARRATIVE

Sunk 20 feet of winze. Bad ground encountered; more water than anticipated. Looks like a bigger pump will be needed. Structure the same. No commercial ore encountered. Vein widened to 3 feet 2 inches at 35 feet. No unusual difficulties encountered.

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

O. Vou. No. .....

Bu. Vou. No. DMA-392

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 10/1/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E 238

Department of the Interior
Defense Minerals Administration
RECEIVED
OCT 1 1952

To D. A. McNabb,
(Payee)

Box I, Basin, Montana
(Address) (City) (State)

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 Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	July 1952	As per Certified Form MF-104 attached dated 8/11/52				1,418	10
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 1,418 10

(Payee must NOT use this space)

Differences .....

Account verified; correct for 1,418 10

(Signature or initials) .....

Contract No. Idm-E 238 Date Req. No. Date Invoice Rec'd.

1,418.10

MEMORANDUM

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	1,418.10	1,418.10

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.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

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

Ward

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53
Defense Minerals Administration
RECEIVED
OCT 1 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June-July, 1952 Docket No. DMEA 2225 Contract No. Idm-E 238
Operator's Name D.A. McNabb Minerals Uranium
Address Box I, Basin, Montana
Contract Amount, $ 22,907 Government Participation: 90 % Amount, $ 20,616.30

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing (Road Repair)		200.00	200.00		✓	✓
~~Crosscutting~~ Sinking Winze	650.00	400.00	1050.00	✓	✓	✓
Drifting						
Cutting Winze Station	200.00	300.00	500.00	✓	✓	✓
(2) Labor and Supervision:						
Labor	100.00	None	100.00	✓	✓	✓
Supervision	400.00	400.00	800.00	✓	✓	✓
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Others		109.06	109.06		✓	✓
(4) Operating Equipment:						
Rental						
Purchase	37.71	1591.44	1629.15	✓	✓	✓
Depreciation	64.17	64.17	128.34	✓	✓	✓
(5) Initial Rehabilitation and Repairs		400.00	400.00		✓	✓
(6) New Bldgs., Improvements, etc.	23.79	369.80	393.59	✓	✓	✓
(7) Miscellaneous:						
Repairs to Equipment		370.59	370.59		✓	✓
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Transportation	100.00	120.00	220.00	✓	✓	✓
(8) Contingencies (specify):						
TOTALS	1575.67	4325.06	5900.73	1575.67	4325.06	5900.73

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

Date Aug. 11 *Payee D. A. McNabb

Per _____ Title Operator

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

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

(Instructions on reverse)

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

$ 1418.00

Signature Ward
(Authorized Certifying Officer)

Date 9-30-52 Vou. No. _____
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 238 in accordance with the terms of the contract.

Signature Webster S. Anderson Title Mining Engineer Date 9/15/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Thomas E. Howard Title Mining Engineer Date 9/15/52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MR-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June- July 1952 Docket No. DMEA 2225 Contract No. Idm- E 238
Operator's Name D.A. McNabb Minerals Uranium
Address Box I, Basin, Montana

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Foot						200	
Crosscutting								
Raising								
Shafts								
Winzes	Foot	904.17	10	1376.67	15	91.78	100	
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails		57.50		355.00				
		262.50		657.17				
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		37.71		1738.21				
Initial Rehabilitation and Repairs				524.50				
New Buildings, Improvements, etc.		313.79		818.59				
				430.59				
TOTAL COSTS		1575.67		5900.73				

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

Date Aug. 11, Operator D. A. McNabb

Per Title Operator

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

D. A. McNabb

Docket No. ~~D.E.M.A.~~ D.M.E.A. 2225-x Uranium

Narrative - July 1952

Supervising station, winze, maintaining road, bookeeping.
Recommened to put cover over winze for safety by ~~D.E.M.A.~~ DMEA

I certify that this is a true statement of work done for the month of July 1952.

D. A. McNabb

D. A. McNabb

Docket No. D.M.E.A. 2225- x Uranium

Narrative - June 1952

Supervising building of bunkhouse, compressor house, hauling material and equipment, maintaining road and bookeeping.

I certify that this is a true statement of work done for the month of June 1952.

D. A. McNabb

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. DMA-292

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 7/8/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E 238

To D. A. McWabb,
(Payee)

c/o Miners National Bank, Butte, Montana
(Address) (City) (State)

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 Federal supply schedule, and other information deemed necessary) Discount Terms Net	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	May 1952	As per attached certified Form MP-104 dated June 25, 1952				1,373	67
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 1,373 67

(Payee must NOT use this space)

Differences .....

Account verified; correct for 1,373 67

(Signature or initials) .....

Contract No. Idm-E 238 Date Req. No. Date Invoice Rec'd.

1,373.67

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
11X4101	Revolving Fund, Defense Production Act, Interior	1,373.67	1,373.67

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.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.).

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22900a-2

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 238

Wash

Name of Operator D.A.McNabb
Docket No. DMA 2225
Total Contract Amount $ 22,907.00
Government Participation: 90 % Amount, $ 20,616.30
Distribution of Expenditures for Month of May

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 may 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.

(Name of Company)

By D.A. McNabb
(Signature of Authorized Official)

June 25-1952
(Date)

Operator
(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—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
Compressor House				240.00		
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	109.06	1733.53	1842.59	—0—	1591.44	
see distribution sheet						
(b) Rented[2]						
(c) Furnished by operator						
depreciation	64.17	none	64.17			
reclaiming this amt. deducted from April report	122.09			—0—		
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
repair bunkhouse ~~and build compressor house~~ see (b)	310.86	65.25	376.11	64.55		
(c) Installations						
repair compressor and radiator	78.52	292.07	370.59			

16—64068-3

D.A. McNabb

Docket No. D.M.E.A. - 2225 - x Uranium

Narrative - May 1952

Supervising Station, building compressor house, repairing compressor, repairing bunkhouse, hauling material and equipment, maintaining road, and booking.

"I certify that this is a true statement of work done for the month of May, 1952"

D.A. McNabb

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]						
5. Supervision	200.00	200.00	400.00			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other				109.06		
7. Power						
8. Transportation	70.00	50.00	120.00			
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)	700.00	400.00	1100.00			
see below						
Total						
Deletions		122.09				
Adjusted totals		2798.76				
Totals previously reported						
Totals to date				1526.30	2798.76	4325.06

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

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

FOR GOVERNMENT USE ONLY

Checked by J. Sandgren
Entered by
Approved by Horace T. Reno
Amount approved for payment $1,373.67
Remarks

16—64068-3

Note
(a) cutting station 60% comp.- Hinge 7' -70% comp

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising station cutting	75.00			300.00	375.00	ft.	300.00	13.53	300.00	500.###
Shafts audit				100.00	100.00	ft.	100.00	400.00		1500
Winzes			109.06	300.00	409.00	ft.	300.00	none		9,000.00
Drill holes										
Overburden repair compressor	10.00		48.22	30.30	88.52	$	78.52	292.07	370.59	500
Rehabilitation and preparation										
Geology and geophysics bunkhouse	65.00		20.86		85.86	$	85.86	65.25	151.11	200
Trenching compressor house	340.00		none		340.00	$	240.00	none	240.00	300.00
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	490.00		178.14	730.30	1398.44					

[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.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

note;#3 other3(see distribution sheet)

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 238

Name of Operator D. A. Mc Nabb
Docket No. DMA 2225
Total Contract Amount $ 22,907.00
Government Participation: 90 % Amount, $ 20,616.30
Distribution of Expenditures for Month of April

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 may be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 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.

(Name of Company)

By D. A. Mc Nabb D. A. Mc Nabb
(Signature of Authorized Official)

May 21 - 1952
(Date)

Operator
(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--64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1] (see distribution sheet)	1713.53	None	1713.53	1591.44		
(b) Rented[2]						
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
Access road-repair and maintainance	200.00	None	200.00			
(b) Buildings						
Repair Bunkhouse	65.25	None	65.25			
(c) Installations						
Repairing Compressor	292.07	None	292.07			

16—64068-3

D. A. Mc Nabb

DOCKET NO. D.M.E.A.-2225 x Uranium

Narrative - April 1952

Shopping for machinery, engaging and working with bull dozer, putting in bridge and culverts, repairing bunkhouse, hauling machinery and equipment, supervising compressor, repair, adit rehabilitation and winzes, bookkeeping.

"I certify that this is a true statement of the work done for the month of April, 1952."

D. A. McNabb

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]						
5. Supervision	200.00	None	200.00			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation	50.00	None	50.00			
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
(a) See note below	400.00	None	400.00			
Total	2920.85					
Deletions						
Adjusted totals						
Totals previously reported		None				
Totals to date			2920.85	2798.25		

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

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

FOR GOVERNMENT USE ONLY

Checked by W R Lee
Entered by
Approved by Eric G. Erickson
Amount approved for payment $ 2518.88
Remarks

16—64068-3

Note:
(a) Cleaning out and retimbering adit portal drift and crosscut to winze site. (80% completed)

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF April

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting		700.00		20.00	720.00	ft.	None	---	—	200
Crosscutting									—	
[redacted] Station Cutting		13.53			13.53	$	None	---	—	1500
Shafts									—	
Winzes	50.00	1,000.00		30.00	1080.00	ft.	None	---	—	100
Drill holes									—	
[redacted] repair compressor	25.00			292.07	317.07	$	292.07	---	—	500
Rehabilitation [redacted] bunkhouse	85.00		5.25		90.25	$	65.25	0	—	200
Geology and geophysics									—	
[redacted] rehabilitation adit	100.00			400.00	500.00	$	400.00	---	—	500
Sampling and assaying									—	
Roads and trails	50.00			150.00	200.00	$	200	---	—	200
[redacted]									—	
Other (specify)									—	
									—	
Totals	310.00	1713.53	5.25	892.07	2920.85					

[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.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Note:

Other 3 (see distributinn sheet)

Ellis

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

Project Summary Report

By: F. L. Knouse February 3, 1955

1. Docket No. DMEA-2225 (Uranium)
Contract No. Idm-E238

Operator - D. A. McNabb
Granite Apartments - April 3
Butte, Montana

Property - Sylvan Mine, consisting of Emily, Helen, Louise, Rocky Boy, Copper King, and Green Mountain claims.
Section 5, T. 6 N., R. 5 W., M.P.M.
Jefferson County, Montana

Operator's Property rights -

Operator is lessee. Landlord's Subordination Agreement dated November 27, 1951, signed by Otto A. Bettrick and Havre H. Phipp.

2. Contract dated January 16, 1952

Work authorized -

The DMEA program proposed to sink a winze 100 feet on the Sylvan vein from the Louise claim or Lower adit and to drift 100 feet easterly and 100 feet westerly from the bottom of the winze to explore the downward extension of a radioactive zone in the Sylvan vein.

100 ft. winze 5 x 10 ft. cross-section size-timbered @ $90/ft. (contracted)	$9,000.00
200 feet of 5 x 7 foot drift timbered @ $30/ft. (contracted)	6,000.00
Cleaning out and retimbering adit portal drift and crosscut to winze site (contracted)	500.00
Excavate winze station and install sinking equipment (contracted)	500.00
Cut station and install pump at the bottom of winze (contracted)	1,000.00

(Work authorized - continued)

Construct a compressor shed	300.00
Equipment to be purchased	1,993.50
Depreciation -- equipment owned by Operator	513.36
Repairs to facilities and equipment	950.00
Trucking charges for supplies	300.00
Engineering services	150.00
30 samples @ $3.00 plus transportation	100.00
Supervision by Operator 8 mos. @ $200/mo.	1,600.00
Total estimated cost	$22,906.86
Total amount of contract, rounded to	22,907.00
Government participation @ 90%	$20,616.30

Amendments-

No. 1, dated February 15, 1952, changed starting date of work from "within 30 days from the date of" contract to "by April 1, 1952".

No. 2, dated October 31, 1952, permitted a maximum of 40 feet of crosscutting from the bottom of the winze, which was to be sunk vertically from 70 to 100 feet.

No. 3, dated December 2, 1952, extended completion date of contract from 9 to 14 months, or March 16, 1953.

No. 4, dated February 12, 1953, deleted Amendment No. 2 and permitted the drifting at about 70 feet below the collar of the winze.

Work completed -

Project work began January 16, 1952 and after sinking the winze to a 92-foot depth, was stopped on December 23, 1952. The winze was unwatered to a depth of 51 feet during May, 1953, and was found caved and filled with big boulders and silty material.

Work items	Unit cost	Completed	Cost
Sinking winze	$89.39/ft.	93'	$8,040.00
Road repair		Yes	200.00
Retimbering and clearing adit drift and crosscut		400'	400.00

(Work authorized - continued)

Work completed (contd.)

Work items	Unit cost	Completed	Cost
Winze station and installing sinking equipment		Yes	500.00
New buildings, improvements		"	300.00
Repairs to equipment and facilities		"	637.63
Operating equipment:			
Purchased		"	1,629.15
Depreciation		"	385.02
Operating material and supplies		"	241.02
Transportation		"	300.00
Supervision		"	1,600.00
	Total		$14,232.82
Less proceeds from property disposition			506.00
Net cost of project			$13,726.82
Government participation at 90%			$12,354.13

The low grade of the samples from the winze and the large expense of rehabilitation of the winze resulted in the termination of the project by agreement on July 24, 1953.

Comments -

Operations under the contract were generally inefficient, largely due to incompetence of the Operator. The major part of the work was subcontracted and disagreements between the Operator and subcontractor resulted in the inefficient operation.

The predominant rock exposed in the Sylvan Mine is biotite-hornblende quartz monzonite, the common rock type of the Boulder batholith. In the mine the quartz monzonite has been intruded by several small dikes of fine-grained aplite. The monzonite is cut by many faults and in places by intensely sheared zones.

The Sylvan vein is exposed along the adit for about 200 feet and is 1-inch to 1-foot wide. The vein consists of gray quartz mineralized with abundant pyrite. A similar parallel vein, 60 feet apart, 1 to 2 feet wide, is exposed in a crosscut. The wall rocks of these veins are intensely silicified, sericitized, and kaolinized.

In the vicinity of the winze the Sylvan vein is 1 to 2 feet wide and is highly radioactive for a length of about 15 feet and slightly radioactive for an additional 45 feet. The radioactive vein material consists of black earthy material and abundant unaltered euhedral pyrite. A.E.C. reports the presence of hydrocarbon in the earthy material.

Comments (continued) -

The vein splits into several smaller veins about 20 feet below the collar of the winze, and are very irregular in width and attitude. At 70 feet the widest vein passes into the wall, and only intensely altered and sheared quartz monzonite is exposed from that point to the bottom of the winze (92 feet).

Only minor uranium values were found in the winze and it was considered to the best interest of all parties to terminate the work.

Exploration work along the downward extension of the vein proved the vein isnarrower, split up, and dissipated, and there was no enrichment of uranium mineralization. Therefore, no further exploration of the Sylvan Mine is warranted.

F.L. Knouse

☒ Audited 12/6/54 WORK ANALYSIS SHEET - DMEA PROJECT ☒ Actual Cost

☐ Certified No Analysis as of 12/15/54 ☐ Agreed Unit Costs
Incl. Voucher for Nov. 1952

Name Sylvan Mines (D.A. McNabb) Docket No. 22225

State Montana. Commodity Uranium Idm-E No. 238

* Terminated before completion.

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	200	6,000.00	—	—	
Raising					
Shafts					
Winzes	100	11289.77	92	10,084.04	10,084.04
Drilling (Specify)					
Surface Excavation					
Underground Excavation		1500.00		657.17	657.17
Roads and Trails		355.00		355.00	355.00
Operating Equipment Purchased		1993.50		1793.52	1287.52 *
Surface Rehabilitation & Repairs		950.00		524.50	524.50
Underground Rehabilitation					
New Building, Improvements, etc.		818.59		818.59	818.59
Other (Specify)					
Totals		$ 22,906.86		$ 14232.82	$ 13,726.82 *

* Reflects - $506.00, proceeds from property disposition.

Prepared by [signature]

Winze caved before drifts could be driven.

[signature]

71626

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

January 6, 1955

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 10 1955

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2225 (Uranium)
Contract No. Idm-E238
D. A. McNabb
Sylvan Mine
Jefferson County, Montana

Dear Mr. Selfridge:

Reference is made to the Operating Committee's letter of December 29, 1954.

The Field Team feels that a final report from the operator of the above-mentioned contract would give us nothing of value and therefore we hereby waive the requirement that the operator submit a final report. Full information is available from Field Team inspections and a final Field Team report was submitted November 2, 1954.

By Field Team, Region II

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

Wing G. Agnew
Wing G. Agnew, Member
(U. S. Bureau of Mines)

cc: USBM(2)
USBM(AD)
Becraft

700

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

F L Knouse
Ellis
Martin
Robinson
Mittendorf

DEC 29 1954

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-2225 (Uranium)
Contract No. Idm-2238
D. A. McNabb
Sylvan Mine
Jefferson County, Montana

Dear Mr. Weissenborn:

This is with reference to the date we may expect to receive the final report of the Operator for the subject project.

In case the Field Team believes no material information would be added by requiring the Operator to submit a final report, please furnish your recommendations accordingly.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee

APPROVED:

/s/ Robert W. Geehan
Member, Bureau of Mines

E. L. Newcomb
Member, Geological Survey

FLKnouse/gla
12/27/54
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. J. E. Crawford, Rm. 3641
T. H. Kiilsgaard, Rm. 5224
J. O. Hosted, Rm. 3210, GSA
Code 800
Mr. Knouse

R.C.J.

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

Defense Minerals Administration
RECEIVED
DEC 23 1954

December 22, 1954

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4445

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Memorandum of November 23 from J. E. Crawford to E. W. Ellis regarding report on DMEA Docket No. 2225, D. A. McNabb, Sylvan Mine, Jefferson County, Montana, (Contract No. Idm-E 238)

My memorandum of November 23 to you regarding the subject docket is hereby amended to read as follows:

I have reviewed the subject report and have discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

We concur with the recommendation of the Field Team that no Certificate of Discovery or further exploration be allowed.

The report has been forwarded to the Chief, Minerals Division, in accord with the routing slip attached thereto.

I regret the error inadvertently committed in our memorandum of November 23, and hope that it did not greatly inconvenience you.

John E. Crawford

John E. Crawford

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

DEC 1 0 1954

Mr. Clarence F. Fisher
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Idm-E238, DMEA-2225
D. A. McNabb
Jefferson County, Montana

Dear Mr. Fisher:

Receipt is acknowledged of the copies of your Report of Review covering the above-cited Exploration Project Contract.

The Report is acceptable and normal distribution may be effected.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

WBorovies/wb
December 10, 1954

Copy to: Docket
Admr. Reading File
Mr. Chambers

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 11/23/54

REFERRED TO:

1. For
2. Mr. Ellis (Knowse) ~~[illegible]~~
3.
4. Division contract file.

FOR:

____ Action	____ Recommendation
____ Approval	____ Record
____ Comment	of ____
____ Conference	____ Referring
____ Consideration	to ____
____ Filing	____ Reply for signa-
____ Instructions	ture of ____
____ Investigation	____ Rewriting
____ Initials	____ Signature
____ Mailing	____ Suggestions
____ Previous correspondence	____ Your information

REMARKS: Don't you think they got kind of mixed up in stating the second paragraph? The report they refer to was the final Field Team report, unsuccessful project.

gla

Check (X) before the items needing attention.

Yes!

ROBERT E. ADAMS

Initials of sender.

GPO 16—63815-1

No further action required

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 23 1954

November 23, 1954

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4445

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: DMEA Docket No. 2225, D. A. McNabb, Sylvan Mine, Jefferson County, Montana (Contract No. Idm-E238)

I have reviewed the subject report and have discussed it with Joseph O. Hosted, representative of the Atomic Energy Commission.

We concur with the recommendation of the Field Team that the application involved under the subject docket be denied.

The report has been forwarded to the Chief, Minerals Division, in accord with the routing slip attached thereto.

John E. Crawford

John E. Crawford

1/7/55 glc

Property disposal
settlement

IN REPLY REFER TO:

Defense Minerals Administration
RECEIVED
NOV 16 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

November 15, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2225 (Uranium)

To: E. W. Ellis, Defense Minerals Exploration Administration

From: R. D. Trace, U. S. Geological Survey

Applicant: D. A. McNabb

Name of property: Sylvan Mine

Location of property: Jefferson County, Montana

Date of Field Team Report: October 1954

Authorship of Field Team Report: J. D. Bardill, U.S.B.M., and G. E. Becraft, U.S.G.S.

Field Team's recommendation: No certification or further exploration.

Comments: No ore was found, and there was no indication that any ore would be found.

ACTION RECOMMENDED: Follow Field Team recommendation.

RD Trace

R. D. Trace

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

1201 N. Division St.
Spokane 2, Washington
November 5, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 8 - 1954

Mr. D. A. McNabb
Box 1
Basin, Montana

Re: Docket No. DMEA 2225 (uranium)
Sylvan Mine
Jefferson County, Montana
Contract No. Idm-E238

Dear Mr. McNabb:

We have received a copy of a bid submitted by the Contractor's Machinery and Storage Co., Seattle, Washington, wherein they offer $150.00 for the jointly-owned Atlas Rock drill, Serial No. 432459 complete with hose and pusher leg, and the Model 25 Sumpump, Serial No. 30812. This bid is contingent upon acceptance within 15 days from October 26, 1954.

In view of the difficulty we have had in disposing of this equipment we strongly urge that the bid be accepted. Should you decline to accept this bid we will assume that you intend to bid higher for this equipment, in which case we expect to receive immediate payment for the Government's equity, which will be 90% of your bid price.

Remittance in payment of this equipment should be made payable to Defense Minerals Exploration Administration and mailed to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II, S. 157 Howard Street, Spokane 4, Washington.

By Field Team, Region II

A. E. Weissenborn, Executive Officer
U. S. Geological Survey

Wing G. Agnew, Member
U. S. Bureau of Mines

cc: DMEA, Wash. (2)
USGS (2)
Certifying Officer

CONTRACTORS MACHINERY & STORAGE CO.
INCORPORATED
POWER MACHINERY
ELECTRICAL, STEAM, HYDRAULIC, GAS
CONTRACTORS' EQUIPMENT
UTAH AND HORTON ST.
TELEPHONE MAIN 4963
SEATTLE 4, WASHINGTON

RECEIVED
BUREAU OF MINES
OCT 27 1954

October 26, 1954.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 8 - 1954

D.A.McNabb,
Box 1,
Basin Montana.

Dear Sir:

ALL CLAIMS MUST BE MADE IMMEDIATELY UPON RECEIPT OF APPARATUS. NO ALLOWANCE WILL BE MADE UNLESS AUTHORIZED. ALL AGREEMENTS ARE CONTINGENT UPON STRIKES, ACCIDENTS, DELAYS OF CARRIERS AND OTHER DELAYS UNAVOIDABLE OR BEYOND OUR CONTROL. NO CLAIMS FOR LABOR OR DAMAGES WILL BE ALLOWED AND ALL MATERIAL IS OFFERED SUBJECT TO PRIOR SALE.

We herewith submit our bid of one-hundred and fifty dollars ($150.00), for the following items, if bid is accepted within fifteen (15) days from above date.

1 - Atlas Rock Drill, Serial No.432459, complete with hoses and pneumatic pusher. Purchased new April, 1952.

1 - Model 25, Sumpump No. 30812, complete with 50 ft. 3/4" Bund hose.

Yours truly,

CONTRACTORS MACHINERY & STORAGE CO.,

By _____

HCMcD-M
C.C.
Defense Minerals Exploration
Administration, Spokane.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 8 - 1954

November 2, 1954

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2225 (uranium)
D. A. McNabb
Sylvan Mine
Jefferson County, Montana
Contract No. Idm-E238

Dear Mr. Selfridge:

Enclosed are four copies of the Field Team final report covering an exploration project at the above-cited property, prepared by John D. Bardill, Bureau of Mines, and George E. Becraft, Geological Survey. The project was unsuccessful in finding ore, and the examiners do not recommend a certification as a result of DMEA work, nor do they believe further exploration is warranted.

The Field Team concurs with the findings and conclusions of Bardill and Becraft.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
U. S. Geological Survey

Wing G. Agnew

Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosure
cc: USBM (2)
Becraft

Reviewed by
DMEA OPERATING COMMITTEE
11-18-54
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 8 - 1954

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION II

FINAL REPORT

Contract Idm-E238

by

John D. Bardill
Mining Engineer
U. S. Bureau of Mines

George E. Becraft
Geologist
U. S. Geological Survey

FINAL
F.T. REG

D. A. McNABB
Box 1
Basin, Montana

Docket No.:	DMEA 2225
Commodity:	Uranium
Effective date:	January 16, 1952
Termination date:	July 24, 1953

Reviewed by
DMEA OPERATING COMMITTEE
11-18-54
(date)

SYLVAN MINE
Cataract Mining District
Jefferson County, Montana

Spokane, Washington

October 1954

FINAL REPORT

D. A. McNABB
Sylvan Mine
Cataract Mining District
Jefferson County, Montana

Contract No. Idm-E238

* * * * *

INTRODUCTION

This report describes an exploration project for uranium at the Sylvan mine, Jefferson County, Montana. The project was participated in jointly by the Government, through the Defense Minerals Exploration Administration, and D. A. McNabb, who directed the operations. The Government contributed 90 percent of the costs.

Summary

The purpose of the exploration project was to explore for uranium by sinking a winze 100 feet on the Sylvan vein in the Lower or Louise adit. A drift 100 feet easterly and a drift 100 feet westerly were planned to explore the vein from the bottom of the winze.

The winze was sunk to a depth of 92 feet when work was recessed because of caving. Several months later the winze was unwatered to 52 feet to the cave, but the Operator then decided to terminate the contract.

No ore was indicated as a result of the contract work. The contract started January 16, 1952, and was terminated July 24, 1953, by mutual agreement between the Operator and the Government.

Recommendations

The project was unsuccessful, and it is recommended that no Certification of Discovery or Development be issued as a result of DMEA work at the Sylvan mine. No further exploration is warranted.

LOCATION AND ACCESSIBILITY

The Sylvan mine is in sec. 5, T. 6 N., R. 5 W., M.P.M., Jefferson County, Montana. The property is situated on Deer Creek, a small tributary of Cataract Creek, about 3½ miles northwest of Basin. The mine is reached by a graded, county road along Cataract Creek and a rather poor, bulldozed road along Deer Creek.

The area is generally mountainous, moderately high but not rugged. The land has an appreciable coverage of timber except in the valleys where the timber is sparse.

Topography in the immediate area appears as knolls of low relief. The deposit is at an altitude of 6,400 feet.

The climate is mild from late spring to early fall, and the winters are not severe. Snowfall is light in the valley through which the deposit is reached.

PROPERTY

The property is known as the Sylvan Gold Mining Claims and consists of the following claims: Emily, Helena, Louise, Rocky Boy, Copper King, and Green Mountain.

The subordination agreement indicates that Havre H. Phipps and Otto A. Bettrick are lessors to the Operator.

Mine workings consist of the adit level and winze shown on the attached map. In addition, there are several caved adits nearby.

GEOLOGY

The predominant rock exposed in the Sylvan mine is biotite-hornblende quartz monzonite, the common rock type of the Boulder batholith. In the mine the quartz monzonite has been intruded by several small dikes of fine-grained aplite. The quartz monzonite is cut by many faults and in places by intensely sheared zones. Several small milky quartz veins also cut the quartz monzonite and aplite.

The Sylvan vein is exposed in the adit for about 200 feet. It consists of gray quartz and abundant pyrite from 1-inch to 1-foot wide. A parallel similar vein, 1 to 2 feet wide, is exposed in a short crosscut from the main adit. The wall rock adjacent to these veins has been intensely silicified, sericitized, and kaolinized.

In the vicinity of the winze, shown on the accompanying map, the Sylvan vein is about 1 to 2 feet wide and is highly radioactive for a length of about 15 feet and slightly radioactive for an additional length of about 45 feet. The radioactive vein material consists of black earthy material and abundant unaltered euhedral pyrite crystals. The U. S. Atomic Energy Commission reports the presence of hydrocarbon in the black earthy material. The wall rock of the vein is intensely stained by iron oxide and contains a small amount of unoxidized pyrite. The vein in this vicinity is somewhat permeable, as is indicated by the abundant flow of water.

The vein splits into several smaller veins about 20 feet below the collar of the winze. These veins are very irregular in width and attitude. The largest vein passes into the north wall of the winze at a depth of about 70 feet. Only intensely altered and sheared quartz monzonite is exposed below 70 feet to the bottom of the winze at 92 feet.

The most radioactive sample taken from the adit level was a grab sample submitted to the U. S. Atomic Energy Commission by D. A. McNabb. It assayed 2.0 percent eU and only 0.02 percent U. The radioactivity resulted mainly from radium in the amount of 9×10^{-9} grams per gram of sample present in the vein. The most radioactive sample from the winze was from a small split of the vein less than 0.1-foot wide about 50 feet below the top of the winze. This sample assayed 0.48 percent U. The results of other samples taken by geologists of the U. S. Atomic Energy Commission from the adit level and in the winze are shown on the accompanying map.

THE PROJECT

The DMEA program proposed to sink a winze 100 feet on the Sylvan vein from the Louise or Lower adit and to drift 100 feet easterly and 100 feet westerly from the bottom of the winze to explore the downward extension of a radioactive zone in the Sylvan vein. Cost of this work was estimated at $22,907, of which the Government's agreed contribution would be 90 percent or $20,616.30. Effective date of the contract was January 16, 1952.

The contract was amended February 15, 1952, to extend the date of starting until April 1, 1952. The winze was sunk on the vein, which dipped 75° to the south, to a depth of about 30 feet. At this point the dip changed to vertical and, as a result, the winze was also driven vertically. At 70 feet the dip changed to the north and Amendment No. 2, dated October 31, 1952, was written to permit a maximum of 40 feet of crosscutting from the bottom of the winze, which was to be driven vertically from 70 to 100 feet.

On December 2, 1952, Amendment No. 3 was written extending the completion period from 9 to 14 months.

The winze was sunk to a depth of 92 feet, and on December 23, 1952, the work was suspended because of caving in the winze, which the Operator stated he was unable to prevent. At that time it was the intention of the Operator to resume work when weather conditions moderated.

On February 12, 1953, Amendment No. 4 was written deleting Amendment No. 2 and permitting the drifting at about 70 feet below the collar of the winze.

In May 1953 the Operator dewatered the winze to a depth of 51 feet. Below this point the winze was caved and filled with silty material and large rocks. The low grade of the samples from the winze and the large expense of rehabilitation of the winze resulted in the decision to terminate the project.

The contract was terminated by mutual agreement on July 24, 1953.

Exploitation Possibilities

This project failed to disclose any ore to exploit.

Summary of Factual Data

Alfred R. Hedval subcontracted the work for the entire project, consisting of cleaning out the adit portal drift for about 400 feet, retimbering where necessary, excavating a winze station, installing sinking equipment, sinking 100 feet of inclined winze, cutting a station, installing a pump at the bottom, and driving 200 feet of timbered drift from the station.

Cleaning and retimbering the drift and excavating the winze station were contracted for at a unit price of $500 each. The winze was contracted at the rate of $70 per foot for the first 25 feet, $80 for the second 25 feet, $90 for the third 25 feet, and $120 for the last 25 feet. The 200-foot drift at the bottom of the winze was to be driven for $30 per foot.

Hedval cleaned out the drift, cut the winze station, and sank the winze 38 feet before abandoning the contract.

Nick Laretz of Basin, Montana, contracted to complete the work. The winze was sunk to a depth of 92 feet before work was suspended late in December 1952. Finally, in the summer of 1953 the Operator terminated the contract by mutual agreement before completion

of the work because of caving ground, excessive water, and sparse uranium mineralization.

A total of $14,232.82 was expended, of which the Government contributed 90 percent or $12,809.54. Original approved amount of the contract was $22,907.

The following equipment was purchased in which the Government has a 90 percent equity.

1	Atlas rock drill	$ 340.00
1	Pneumatic pusher leg	165.00
1	Gardner-Denver hoist	642.00
1	Ingersoll-Rand Whirley pump	332.49
		$1,479.49

The hoist was sold for $315.90. The pump, drill, and leg are in good condition and are stored at Basin, Montana. These items are included with other surplus equipment for sale. Lists are being circulated to mining companies and contractors.

Discussion and Conclusions

Operations under the contract were generally inefficient, largely due to incompentence of the Operator. The sheared and altered nature of the rock made sinking of the winze difficult, but disagreements between the Operator and subcontractors and the generally incompetent management probably contributed more to the inefficiency of the project.

Exploration work indicated that there was no appreciable enrichment of uranium on the downward extension of the vein and that the vein is narrower and splits below the adit level. No further work at the Sylvan mine is warranted.

Enclosure (1)
Distribution:
DMEA(4)
USBM(5)
USGS(SRO)
Docket
Becraft
AEC (Salt Lake C

ANNEX

Detailed Summary of Project Costs

Costs include: road repairs, clean out and retimber adit portal level drift, excavate adit level winze station, purchase of equipment and supplies, and sink the winze to a depth of 92 feet.

Item		Total Cost		Unit cost per foot of winze
(1) Independent Contracts				
Bulldozing (road repair)	$ 200.00		$ 2.17	
Winze station	500.00		5.43	
Sinking winze (92 ft.)	8,040.00		87.39	
Clean out and retimber adit level	400.00		4.35	
		$9,140.00		$ 99.34
(2) Labor and Supervision				
Supervision		1,600.00		17.39
(3) Operating Materials & Supplies				
Pipe	216.42		2.35	
Other	24.60		0.27	
		241.02		2.62
(4) Operating Equipment				
Purchase	1,629.15		17.71	
Depreciation	385.02		4.19	
		2,014.17		21.90
(5) Initial Rehabilitation & Repairs		637.63		6.93
(6) New Buildings, Improvement, etc.		300.00		3.26
(7) Miscellaneous				
Transportation		300.00		3.26
Total cost		$14,232.82		$154.70
Less partial salvage of purchases		$ 315.90		

Note: Man shifts per foot cannot be computed because labor was contracted and no record kept of payroll.

The above costs are subject to change pending release of final audit.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

October 6, 1954

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2225 (uranium)
Contract No. Idm-E238
D. A. McNabb
Sylvan Mine
Jefferson County, Montana

Dear Mr. Selfridge:

In answer to your letter of September 23, 1954, regarding the final report for the cited contract, I believe our Field Team report can be submitted in two weeks.

Sincerely yours,

John S. Vhay

John S. Vhay
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM (2)
Becraft

Surname 700

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

F L Knouse
Ellis
Selfridge
Hansen
Whitenton

SEP 23 1954

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-2225 (Uranium)
Contract No. Idm-5238
D. A. McNabb
Sylvan Mine
Jefferson County, Montana

Dear Mr. Weissenborn:

Reference is made to our inquiries of May 17, 1954 and December 9, 1953, concerning the date we may expect to receive the final reports of Operator and Field Team for the subject project.

Please advise when we may expect these reports.

Sincerely yours,

George C. Selfridge
(By ES7)
Chairman, Operating Committee

APPROVED:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

FLKnouse:am
9-20-54
cc to: Admr. Reading File
Operating Committee
Docket
Messrs. J. E. Crawford, Rm. 3641
[redacted].
A. P. Butler, Jr. Rm. 5227
J. O. Hosted, Rm. 3210, GSA
Mr. Knouse
Code 700

R.C.G.

700

Docket
Surname
FLKnouse
Selfridge
Selfridge
Weissenborn

MAY 17 1954

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 2225 - (Uranium)
Contract No. Idm-2238
D. A. McNabb
Sylvan Mine
Jefferson County, Montana

Dear Mr. Weissenborn:

This is with reference to our letter dated December 9, 1953, concerning the date we may expect to receive the final reports of the Field Team and of the Operator for the subject project.

We would appreciate being advised the status of these reports.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (24)

APPROVED:

J. H. Hedges (24)
Member, Bureau of Mines

Philip W. Guild (24)
Member, Geological Survey

FLKnouse:fcc
5-17-54
cc to: Admr. Reading File
Operating Comm.
Docket
Messrs. H. D. Keiser, USBM
A. P. Butler, Jr., USGS, Rm. 3212 GSA
F. L. Knouse
Code 700
DMEA FIELD TEAM, REGION II

R.C.S.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

April 22, 1954

Mr. R. J. Hindman, Certifying Officer
DMEA Field Team, Region II
1201 North Division
Spokane, Washington

Re: Sale of Equipment
Docket No. DMEA-2225 (uranium)
D. A. McNabb
Jefferson County, Montana
Contract Idm-E238 (terminated)

Dear Mr. Hindman:

Attached is check No. 2067 dated March 23, 1954, from Zanetti Brothers, Box 500, Osburn, Idaho, in the amount of $315.90. This check is the amount of the government's equity in certain equipment being disposed of in connection with the termination of the above-cited contract. A check in the amount of $35.10 (the operator's 10% equity) was mailed by Zanetti to D. A. McNabb at Basin, Montana, along with shipping instructions. The hoist was shipped to the purchaser by McNabb on March 26, 1954.

Sincerely yours,

Thor H. Kiilsgaard
Acting Member
DMEA Field Team, Region II

Enclosures 2
1. Check as above
2. Ltr fr Zanetti to McNabb dtd 3/23/54

cc: USBM (2)
DMEA (2)

(5)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 26 1954

March 23, 54

Mr. D. A. McNabb
Box 1
Basin, Montana

Dear Sir:

Enclosed find check for $ 35.10 which is 10% of our bid price of $ 351.00 the ballance of 90% was sent to office of A. E. Weissenborn, South 157 Howard Street, Spokane, Washington. Following are shipping instructions: Ship Auto Freight - freight collect to Zanetti Brothers, Osburn, Idaho. Copy of shipping bill bearing serial number of hoist H.B.A.171555 sent air mail to Zanetti Brothers, Box 500, Osburn, Idaho. Make shipment as soon as possible as our bid is for immediate accepatance and shipment upon receipt of check. In event hoist is not received within a reasonable length of time our bid is withdrawn and money must be refunded upon demand by us.

At present we are not interested in the hose and cable. If at a later date we are interested in the hose and cable we will advise you.

Thanking you for your cooperation in speeding this along the way.

Very truly,

Zanetti Brothers

By _____
Partner

WZ:fm
enc:
cc: DMEA
Spokane, Wn.

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

1201 N. Division St.
Spokane 2, Washington
March 18, 1954

VIA AIR MAIL

Mr. D. A. McNabb
Box 1
Basin, Montana

Re: Docket No. DMEA 2225 (uranium)
Sylvan Mine
Jefferson County, Montana
Contract Idm-2238

Dear Mr. McNabb:

Reference is made to Mr. N. E. Valin's letter to you dated July 24, 1953 and your answering letter dated July 28, concerning your responsibility in disposing of jointly-owned equipment. Since then we have not heard from you as to what steps, if any, have been taken to comply with the provisions of the contract. Consequently, we have gone to considerable trouble to find a purchaser for this equipment.

We have received a copy of a bid submitted to you by Zanetti Bros. of Osburn, Idaho, wherein they offer $351.00 for the jointly-owned H.B.A. single drum G-D air hoist, serial No. H.B.A. 171555.

This bid is contingent on immediate acceptance, and we strongly urge that it be accepted. Should you decline to accept this bid we will assume that you intend to bid higher for the hoist, in which event we expect to receive immediate payment for the Government's equity, which will be 90 percent of your bid price. The check should be drawn in favor of the Treasurer of the United States and forwarded to Mr. A. E. Weissenborn, South 157 Howard St., Spokane 4, Washington.

By Field Team, Region II

A. E. Weissenborn, Executive Officer
U. S. Geological Survey

Wing G. Agnew, Member
U. S. Bureau of Mines

DMEA, Wash. (2)
USGS (2)

cc: Zanetti Brothers
Osburn, Idaho

RECEIVED
BUREAU OF MINES
MAR 17 1954
SPOKANE, WASH.

Called Eric on this 3-17-54 at 5:15 PM will contact Zanetti.

March 16, 54

D. A. McNabb
Box 1
Basin, Montana

Gentlemen:

We are interested in the following equipment which is listed by you and Defense Minerals Exploration Administration jointly.

1 only - - - H.B.A. Single drum G-D air hoist,
serial # H.B.A. 171555.

Our bid price for immediate acceptance, is $ 351.00

Very truly,

Zanetti Brothers

Signed - Wm. Zanetti

WZ:fm
####
cc: Defense Minerals Exploration Administration

Defense Minerals Exploration Administration
1201 N. Division, Spokane 2, Washington

Please put us on your mailing list to receive additional lists of equipment as it becomes available.

Zanetti Brothers
Box 500
Osburn, Idaho

Zanetti bros. 90% paid to Treas. U.S. over 10% to McNabb

Equipment at Basin, Mont.

FILE COPY
SURNAME:

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

DEC 9 - 1953

George C. Selfridge (by ESF)

E. H. Hedges (by ESF)

E. P. Thayer (by ESF)

Mr. Selfridge.

R.C.S.
12-9-53

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

1201 N. Division St.
Spokane 2, Washington
September 28, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: John D. Bardill, Metallurgist, Bureau of Mines

Subject: Final inspection, Sylvan Mine, D. A. McNabb, Operator, Jefferson County, Montana, Contract No. Idm-E238, Docket No. DMEA 2225 (uranium)

Disposition of the Atlas rock drill, pneumatic pusher leg, G-D hoist, and Whorley pump in which the Government has a 90 percent equity was discussed again with D. A. McNabb at Basin, Montana, on September 19, 1953. He stated that he had made several futile attempts to sell this equipment at Philipsburg.

Mr. McNabb was agreeable to the suggestion that the equipment be moved to Philipsburg and stored in the Bureau warehouse there for safekeeping. If and when these items are sold, McNabb would be reimbursed for his 10 percent equity in the proceeds. Arrangements should be made for a Bureau truck to pick up this equipment at Basin and move it to Philipsburg.

John D. Bardill

John D. Bardill

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
JDB/he

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

1201 N. Division St.
Spokane 2, Washington
August 31, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: John D. Bardill, Metallurgist, Bureau of Mines

Subject: Final inspection, Sylvan Mine, D. A. McNabb, Operator, Jefferson County, Montana, Contract No. Idm-E238, Docket No. DMEA 2225 (uranium)

The signed termination of the subject exploration contract by agreement after commencement but before completion of the work is dated July 24, 1953.

Disposition of the Atlas rock drill, pneumatic pusher leg, G-D hoist, and Whirley pump in which the Government has a 90 percent equity was discussed with D. A. McNabb at Basin, Montana, August 8, 1953. He advises that he has attempted to dispose of this equipment locally without success. It was suggested that the equipment be advertised for sale in Butte, Helena and Missoula newspapers with a widespread circulation in the mining districts.

John D. Bardill

John D. Bardill

Orig. & 3 cys - Wash.
USGS (2)
DMEA
A/D
JDB/he

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

August 12, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2225 (uranium)
D. A. McNabb
Sylvan Mine
Jefferson County, Montana
Contract No. Idm-E238

Dear Mr. Selfridge:

Enclosed are the original and two signed copies of a termination form terminating the subject exploration contract by agreement after commencement but before completion of the work.

Distribution of this termination agreement is being made in the usual manner.

Sincerely yours,

Thor H. Kiilsgaard
Thor H. Kiilsgaard
Acting Executive Officer
DMEA Field Team, Region II

Enclosure

cc: USBM (2)
Becraft

cc
8-17

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

Defense Minerals Administration
RECEIVED
JUL 30 1953

1201 N. Division St.
Spokane 2, Washington
July 24, 1953

Mr. D. A. McNabb
P. O. Box 1
Basin, Montana

Subject: Docket No. DMEA 2225 (uranium)
Contract Idm-R238
Sylvan Mine

Dear Mr. McNabb:

John McNabb, Mining Engineer, U. S. Bureau of Mines, has advised us that you wish to terminate the subject exploration contract. For this purpose there are enclosed 7 copies of Form 18262-1, "Termination of Exploration Project Contract by Agreement after Commencement but before Completion of the Work," which have been dated and signed for the Government by the Acting Executive Officer. Please sign all copies, retain the one marked "Operator's Copy", and return the remaining copies to this office.

McNabb's report indicates that he discussed with you disposal of jointly-owned equipment and supplies. Enclosed is a copy of a memorandum explaining your responsibility in this regard. You are requested to proceed immediately with the disposal along the lines indicated in the memorandum so that the contract may be closed out with a minimum of delay.

Sincerely yours,

M. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

Enclosures

cc: DMEA, Wash. (2)
USGS (2)

STANDARD FORM NO. 64

7/17/53 gla

Office Memorandum • UNITED STATES GOVERNMENT

TO : E. Wm. Ellis, DMEA Member
Uranium Commodity Committee

DATE: July 15, 1953

FROM : Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

SUBJECT: Interim inspection report DMEA Docket 2225 (uranium), Contract Idm-238, D. A. McNabb, contractor, Basin, Mont.; Sylvan mine, Louise claim, Jefferson Co., Mont.

I have reviewed the interim report by the engineer representative of the Field Team concerning the property identified above, and discussed it with H. D. Keiser, Bureau of Mines member, Uranium Commodity Committee, and J. O. Hosted, U. S. Atomic Energy Commission.

The examining member of the Field Team reports that the winze was flooded to the collar and caved at a depth of 51 feet below the collar. The Atomic Energy Commission has sampled the winze. The results show no samples cut in a signidicant width contain commercial grade ore. Mr. Jarrard, Chief, Butte Sub-office believes that the low grade of the vein where sampled is evidence that additional exploration is not warranted,

Because of the unfavorable results of sampling in the winze and because of the difficulty of rehabilitating the winze and maintaining it, the Field Team recommends that the contract be terminated. The contractor is willing.

Recommendation

I concur with the Field Team's recommendation that the contract be terminated.

Arthur P. Butler, Jr.

Copy to E. Wm. Ellis (2)

500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

JUN 1 7 1952

DATE .....

REFERRED TO: Code 700, Rm. 4640

1. .....
2. ~~Mr Kassner~~
3. Div. Contract file
4. .....

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: Per 7/14/53 - 6 Copies of Termination Notice were sent to Mr. Weissenborn. Original of this memo sent to Docket file. glo.

Check (X) before the items needing attention.

ROBERT E. ADAMS

Initials of sender.

GPO 16—63815-1

FILE COPY
SURNAME:

Docket
File
Chron
Chrono
Seymour
Selfridge
Johnston
Hodges

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

JUL 14 1953

George C. Selfridge

J. H. Hodges

A. R. Kinkel, Jr.

R.C.D.
7-17-53

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL - 6 1953

1201 N. Division St.
Spokane 2, Washington
June 30, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Subject: Docket No. 2225 (Uranium)
D. A. McNabb
Sylvan Mine, Jefferson County, Montana
Contract No. Idm-E238

Dear Mr. Selfridge:

Attached are the original and three copies of an interim inspection report on the subject property by John S. McNabb, Mining Engineer, Bureau of Mines.

McNabb recommends termination of the contract and indicates that the Operator is agreeable. The Field Team concurs and recommends that a termination agreement be prepared by your office and forwarded to the Operator for signature.

By Field Team, Region II

A. E. Weissenborn

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

Thomas E. Howard

Thomas E. Howard, Acting Member
U. S. Bureau of Mines

Enclosure

cc: USGS (2)

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

1201 N. Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1953

June 26, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: John S. McNabb, Mining Engineer, U. S. Bureau of Mines

Subject: Routine inspection of Sylvan mine, Jefferson County, Montana, Contract Idm-E238, Docket No. 2225X (uranium)

A routine inspection of the Sylvan mine, Contract Idm-E238, was made on June 9, 1953 in the company of Mr. D. A. McNabb, Operator.

At the time of my visit the exploration winze was flooded to the collar. Consequently, it was necessary to rely upon Mr. D. A. McNabb's description of existing conditions in order to determine the present status of the winze. Previous to my visit Mr. McNabb had dewatered the winze to a depth of 51'. At that point a cave was encountered. The caved debris was mostly fine-grained silty material with a small number of slabs and boulders. Mr. McNabb succeeded in pushing a 20' section of 1" pipe down into the cave by hand. Consequently, it can be assumed that the cave is loose and composed mostly of fine-grained material, with most of the coarse material hung up above the 65' bulkhead. Caved debris is too coarse to be amenable to removal by sandpumping.

At the time of my inspection Mr. McNabb intended to rehabilitate the winze to a depth of 80', the last 10' to serve as a sump. Lateral work to the east and west off the winze would have been performed on the 70' level rather than the 100' level as originally outlined in the contract. This rehabilitation and change in the level work would only have been undertaken if the contract could have been amended permitting the change and providing payment for rehabilitation of the winze.

Mr. McNabb stated that it would be virtually impossible for him to get a contractor to bid on the winze rehabilitation. The cost of 30' of winze rehabilitation performed on a day's pay basis at this mine is quite difficult to estimate. However, available information indicates that the job could be performed for approximately $1,500.

At a later date I discussed the Sylvan project with Mr. L. D. Jarrard, Chief of the Butte sub-office, A.E.C. Mr. Jarrard's engineers have been actively interested in exploration at the Sylvan mine under Contract Idm-E238. A.E.C. personnel have sampled the winze and the DMEA Field Team has been provided with copies of the sample map. No samples cut in the winze over a significant width approached commercial grade. Mr. Jarrard stated that the extreme low grade of the sampled vein material cut in the winze is convincing evidence that the property does not warrant additional exploration.

Mr. Jarrard's appraisal of the project appears well founded and the writer concurs in that further exploration is not warranted.

On June 15, 1953 I informed Mr. D. A. McNabb that the results of my inspection and evaluation of existing conditions at the Sylvan mine and Mr. L. D. Jarrard's recommendations indicate that further work is not warranted at the property. Mr. McNabb was quite willing to accept our appraisal and stated that he would be pleased to terminate the contract if the Government so desired.

With a view to the termination of the contract, I have inventoried supplies and equipment of which the Government owns an equity. Work under the contract was performed by a sub-contractor who furnished most of the necessary supplies. Pipe was purchased under the contract; however, all but 3 lengths are installed in the mine at the present time, and the expense of reclaiming it would be prohibitive. Therefore, it is recommended that the Government claim no equity in supplies purchased under Contract Idm-E238.

The following four items of equipment costing in excess of $50.00 each were purchased under the contract and the DMEA owns a 90 percent equity in their present value.

Item	Date of Purchase	Amount
1 - Atlas Rock Drill	May 1952	$340.00
1 - Pneumatic Pusher Leg	May 1952	165.00
1 - Gardner Denver Hoist (1 ton)	May 1952	642.00
1 - Ingersoll-Rand Whirley Pump	April, 1952	332.49
	Total	$1,479.49

Mr. McNabb does not wish to purchase the Government's equity in the subject items of equipment. He was informed of the procedure by which the disposition of equipment should be handled in the event the contract is terminated.

Further exploration work at the Sylvan mine does not appear warranted. It is hereby recommended that a notice of termination of Contract Idm-E238 be submitted to Mr. D. A. McNabb for signature.

John S. McNabb

CC: Orig. & 3 - Wash.
USGS -- 2
DMEA
M/D
JSMcN

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

June 19, 1953

Memorandum

To: DMEA Field Team, Region II

From: George E. Becraft, Geologist, U. S. Geological Survey

Subject: Recommendation of termination of Contract No. Idm-E238, Sylvan Mine (D. A. McNabb), Jefferson County, Montana, Docket No. DMEA-2225 (uranium).

Mr. D. A. McNabb was contacted at the mine on June 16, 1953. He reported that the winze was caved to fifty feet and that he did not intend to do any more work on the property. He requested that his contract be terminated.

The Field Team representative agrees that the contract should be terminated and recommends that it be done with mutual consent of the Government and the Operator and that no discovery be declared.

Distribution:
DMEA (Orig. & 3)
USBM (2)
Docket
Becraft
AEC

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

1201 North Division Street
Spokane 2, Washington

May 21, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: E. W. Buel, Mining Engineer, Bureau of Mines

Subject: Interim report, Sylvan Mine (D. A. McNabb), Jefferson County, Montana, Contract No. Idm-E238, Docket No. DMEA 2225 (uranium)

Mr. D. A McNabb, owner, was contacted in Basin, Montana, on May 9, 1953. It was learned that he intended to resume work on the contract on or about May 11, 1953.

E. W. Buel

E. W. Buel

Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
EWB/vf

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 20 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

April 14, 1953

Mr. D. A. McNabb
Granite Apartments
Butte, Montana

Re: Docket No. DMEA-2225 (Uranium)
Jefferson County, Montana
Contract E-238 (Sylvan Gold property)

Subject: Relation of AEC geologists to DMEA exploration contracts.

Dear Mr. McNabb:

The Atomic Energy Commission has a direct and active interest in exploration for radioactive deposits including those being explored under DMEA contracts. Because of this interest, AEC geologists will probably keep in close contact with the exploration being done under your contract; and as it obviously will be to the advantage of both you and the DMEA to make full use of their experience and knowledge, we request that you extend to AEC geologists the same courtesies that you extend to engineers and geologists from the DMEA.

Geologists from the Butte Sub-Office of the Atomic Energy Commission are authorized to give general guidance to all DMEA exploration contracts involving radioactive minerals and to discuss your problems with you freely. AEC geologists, however, are not to authorize any changes in the objective of the exploration as put forth in the contract or in the manner of carrying out the work, or to approve any changes requiring an amendment to the DMEA contract. You are encouraged, however, to discuss such matters with AEC geologists; you should not put any changes into effect until your intent for such changes has been made known to the DMEA Field Team and you have been authorized in writing to make them.

By DMEA Field Team, Region II

A. E. Weissenborn

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

M. E. Volin

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

cc: DMEA (2)
USBM (2)
AEC (2)
Docket

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 27 1953

1201 N. Division St.
Spokane 2, Washington
April 9, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: E. W. Buel, Mining Engineer, Bureau of Mines

Subject: Interim report, Sylvan Mine (D. A. McNabb), Jefferson County, Mont., Contract No. Idm-E238, Docket No. DMEA 2225 (uranium)

Mr. D. A. McNabb, owner, was seen in Basin, Montana, on March 31, 1953. The purpose of the visit was to explain to Mr. McNabb that there was no "holdback" of $240.00 provided for in the contract as stated in his letter of February 25, 1953. He was under the impression that the Government was paying him on the basis of $90.00 per foot of winze. Maximum allowable cost of $9,000 for 100 feet of winze does average $90.00 per foot, and it was because of this that Mr. McNabb was confused. It was pointed out to him that his contract is an Actual Cost Contract and not a Unit Cost Contract; therefore, the Government would participate only on actual costs accrued on the work.

Mr. McNabb said that he intends to get a new subcontractor to do drifting from the 70-foot level in the winze. He also stated that he will begin work at the earliest possible date. This should be sometime this month if present weather conditions continue.

E. W. Buel

E. W. Buel

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
EWB/he

Contract file

700

March 10, 1953

Memorandum

To: Hazel Berry, Operating Committee

From: Grace L. Ault, Rare and Misc. Metals Division

Subject: Clearance on Amendments

Docket No. DMEA-2128, Contract No. Idm-E408
Gateway Mining and Development Co., Inc.

Mr. Knouse has reviewed Amendment No. 1, dated March 5, 1953, and approves it.

Docket No. DMEA-2225, Contract No. Idm-E397
D. A. McNabb

Mr. Knouse has reviewed Amendment No. 4, dated February 12, 1953, and approves it.

Grace L. Ault

GLA/jem
3/10/53

2225

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

1201 N. Division St.
Spokane 2, Washington
March 6, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 13 1953

Mr. D. A. McTabb
P. O. Box 1
Basin, Montana

Subject: Docket No. DMA 2225 (uranium)
Contract IDr-8233
Sylvan Mine

Dear Mr. McTabb:

Your letter of February 25, 1953, to Mr. Weissenborn regarding a $240.00 "holdback" on the original shaft contractors is not clear to this office. We can find no provision in either of these subcontracts for withholding payment to assure satisfactory completion of the job. Also, our files indicate that both subcontractors were paid in full for work accomplished to the date of your last invoice.

We cannot advise you on this matter without a fuller explanation. If the matter is not too urgent, you may want to discuss it with Mr. Duel when he is in Basin near the end of this month.

Sincerely yours,

L. M. Volin, Member
DMEA Field Team
Region II

cc: DMEA, Wash. (2)
USGS (2)
DMEA
A/D
EWB
DF

3/9/53 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 6 1953

March 3, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2225 (Uranium)
Sylvan Gold Mining Claims
D. A. McNabb
Jefferson County, Montana
Contract Idm-E238

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 4 to the subject contract, with attached justification.

Distribution of this amendment is being made in the usual manner.

Sincerely,

Thor H. Kiilsgaard
Acting Executive Officer
DMEA Field Team, Region II

Attachment

cc: Finance Officer w/encl.
USBM (2)
Becraft

cae
3-6

2225

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 N. Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 1953

February 18, 1953

Memorandum

To: DMEA Field Team, Region II

From: E. W. Buel, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Sylvan Mine (D. A. McNabb), Jefferson County, Mont., Contract No. Idm-E238, Docket No. DMEA 2225 (uranium)

No inspection was made of the Sylvan mine. The operation has been suspended since December 23, 1952. An attempt was made to see Mr. D. A. McNabb, owner, February 12, 1953, in order to discuss continuance of the work under the contract. A message was left at his residence informing him to contact the regional DMEA totalk over his plans for future work.

E. W. Buel
E. W. Buel

Orig & 3 cys - Wash.
USGS-2
DMEA
M/D

EWB/kt

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 24 1953

~~WASHINGTON 25, D.C.~~
157 So. Howard Street
Spokane 4, Washington

February 13, 1953

Memorandum

To: DMEA Field Team, Region II

From: George E. Becraft, U. S. Geological Survey

Subject: Docket No. DMEA-2225 (uranium), Transmittal of map of Sylvan mine, Contract No. Idm-E238

Transmitted herewith for the files is a map and sections drawn from one made by the Butte Sub-office of the Atomic Energy Commission. The only change made in the map and sections is the addition of some geology on the plan view by the writer.

Dist:
DMEA-Orig. & 3
USBM (2)
Docket
Becraft

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

[illegible]

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
[illegible]

FEB 2 0 1958

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

cc: [illegible] (2)
[illegible] (2)
[illegible]

Date 3/9/53

Engineer Mr. Knouse

DMEA- 2225 D. A. McNabb
Idm-E 238

dated February 12, 1953

Attached is Amendment No. 4 / to the above contract to be reviewed.

Approval F. L. Knouse.

Other action For review by Legal Division

Please return this slip to me for my records.

Mrs. Ault

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 North Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 3 1953

January 21, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: E. W. Buel, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Sylvan Mine (D. A. McNabb), Jefferson County, Mont., Contract No. Idm-E238, Docket No. DMEA 2225 (uranium)

Mr. D. A. McNabb, mine owner, was seen in Basin, Montana on January 15, 1953. The Sylvan Mine was not inspected because the winze was flooded by about 30 feet of water which would require a day or more to pump out.

Mr. McNabb informed me that he has suspended operations until the early part of this spring. He said that operations ceased on December 23, 1952, because of the very heavy ground encountered at a depth of 92 feet in the winze. During December, Mr. McNabb and the subcontractor were unable to sink beyond the 92 foot depth. Spiling was attempted in the heavy ground which was reported to be sandy; it proved unsuccessful. Mr. McNabb has had a number of disinterested mining personnel look over the winze in hopes that they could offer some constructive criticism for holding the ground.

Pumping has also presented quite a problem. Because of the sandy nature of the sloughed ground, several different station and sump pumps were used in an attempt to pump out all of the water in the winze.

Mr. McNabb stated that the high operational costs incurred during December forced him to suspend operations. He figures that he lost $1800 during the month in attempting to hold the ground. This is a personal loss to Mr. McNabb as he is backing his subcontractor's payroll and other costs.

Mr. Thurlow, Atomic Energy Commission at Salt Lake City, Utah, who has examined the winze recommended to the Operator that the winze be rehabilitated and that crosscutting under the DMEA contract should be undertaken from the 80 foot level rather than the 100 foot level as

allowed under the contract. It is understood by the inspection team that the A.E.C. is to geological map properties containing radioactive minerals, which has been done by the A.E.C. at the Sylvan Mine. It is not clear, however, to the team what Mr. Thurlow's status is in making recommendations on DMEA contracts. ?

The Field Team has approved a recommendation that an examination be made by the Bureau of Mines to determine if it is feasible to attempt sinking to the 100 feet of depth as called for in the contract or to crosscut from the 80 foot level.

Mr. George Todd, Bureau of Mines mine foreman, and myself have notified the Operator that we will examine his property in 2 or 3 weeks. The purpose of this examination is for the recommendation of a suitable program which will allow continuance of the work under the contract.

E. W. Buel

E. W. Buel

Orig. & 3 - Wash.
DMEA
M/D
USGS - 2
EWB/vf

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D. C.~~

Spokane, Washington
January 21, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 3 1953

Mr. D. A. McNabb
Box 1
Basin, Montana

Subject: Inspection of winze
Sylvan Mine
Jefferson County, Montana
Docket No. DMEA 2225 (uranium)
Contract Idm-E238

Dear Mr. McNabb:

Difficulties encountered in the sinking of your winze have been brought to our attention by Mr. Buel, Mining Engineer, Bureau of Mines. Before any further work is undertaken in the winze, we wish to have Messrs. George Todd, Mine Foreman, Bureau of Mines, and Edward Buel study the problem with the purpose of recommending a suitable program for continuance of your project.

These two men expect to be in your area within two to three weeks, at which time you will be notified of their arrival so that preparations for pumping out the winze can be made in sufficient time for their inspection.

By Field Team, Region II

J. Hosser
1/21/53

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey
157 South Howard Street

M. E. Volin, Member
U. S. Bureau of Mines
1201 N. Division Street

cc: DMEA, Wash. (2)
USGS (2)
DMEA
M/D
EWB
DF

January 7, 1953

Memorandum

To: Hazel Berry, Operating Committee

From: Grace L. Ault, Rare and Misc. Metals Division

Subject: Approval of Amendments

Docket No. DMEA-2225, Contract No. Idm-E238
D. A. McNabb

Mr. Knouse has reviewed Amendment No. 3, dated December 2, 1952, to the above contract and approves it.

Docket No. DMEA-2426, Contract No. Idm-E345
Ira L. Moseley

Mr. Ellis has reviewed Amendment No. 1, dated December 29, 1952, to the above contract and approves it.

Grace L. Ault

JEMesser
1/7/53

2225

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1953

~~WASHINGTON 25, D. C.~~
1201 N. Division St.
Spokane, Washington

December 22, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: Edward W. Buel, Mining Engineer, U. S. Bureau of Mines

Subject: Routine inspection, Sylvan Mine (D. A. McNabb), Jefferson County, Montana, Docket No. DMEA 2225, Contract No. Idm-E238 (Uranium).

The Sylvan mine was visited December 8, 1952. Mr. N. Leritz, the subcontractor, accompanied the examining engineer. The work progress could not be examined. The mine was not operating because the impeller on the pump was broken. At the time of the inspection there were 10-15 feet of water in the winze.

Progress was temporarily halted during the work period because of caving of a portion of the winze. The rate of advance is slow owing to heavy ground which requires benching of the two compartment winze during sinking and the drilling and timbering of one compartment at a time. Drilling consists of 2¼-4 foot rounds.

The subcontractor was employing two shifts, comprising 2 shaftmen and 1 hoistman per shift, for a period of two weeks. Only 1 shift is currently operating.

A sump pump was purchased by Mr. McNabb independent of the Government contract. This pump will not be installed until the winze is completed.

A correction is to be noted on the sketch map accompanying last month's inspection report. Change width of winze to read 5 feet instead of 10 feet as seen in "Section Looking West". A corrected sketch accompanies this report.

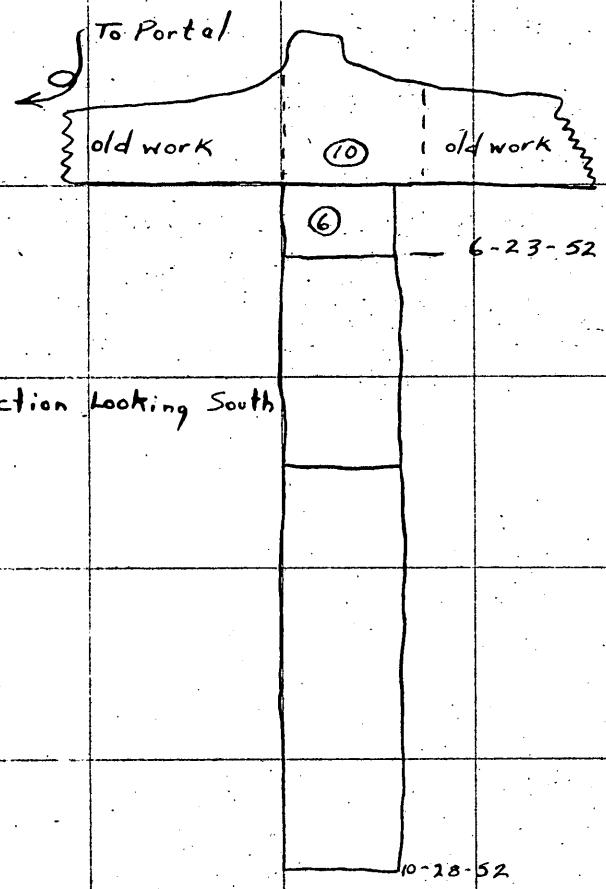
Mr. D. A. McNabb was contacted in Basin, Montana, on the day of the inspection. I was informed that most of the supplies needed for the operation are in camp and that the work will continue throught the winter, if at all possible.

Edward W. Buel
Edward W. Buel

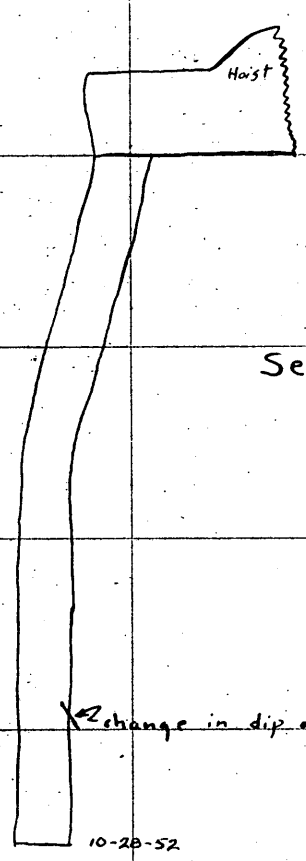
Enclosure
CC: 3-Wash.
2-USGS
DMEA, M/D, EWB

SYLVAN (D. A. McNABB)
Docket No. D.M.E.A. 2225 X (Uranium)
Contract I-dm-E-238

WINZE (Main Adit Level)
Scale "1" = 20'



Section Looking South



Section Looking West

Note: Timbering not shown
November progress not shown

E.W.B. 12/24/52

Docket Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 19 1952

December 15, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA-2225 (Uranium)
Sylvan Gold Mining Claims
Jefferson County, Montana
Contract Idm-E238

Dear Mr. Johnson:

Attached are the original and two signed copies of Amendment No. 3 to the captioned contract, with attached justification.

Copies of this amendment have been retained by the Operator, the Field Team, and the Finance Officer.

Sincerely yours,

Thor H. Kiilsgaard

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

Enclosure

cc: USBM (2)
Becraft

Cae
12-19-52

RECEIVED
JAN 8 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

East 1. Riverside Ave.
Spokane 2, Washington
December 3, 1952

Reply to: L. E. Velin, Member
DMEA Field Team
Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

Mr. D. A. Mellott
P. O. Box 1
Helena, Montana

Subject: Amendment No. 3
Contract ID-[illegible]
Docket No. DMEA 2225 (uranium)

Dear Mr. Mellott:

Enclosed are 7 copies of an amendment to the subject contract, prepared to extend the date for completion of the project to March 16, 1953. If this amendment meets with your approval please sign all copies, retain one for your files and return the original and 5 copies to this office.

Sincerely yours,

Thomas H. Kennedy
Chief, DMEA Section
Bureau of Mines, Region II

Enclosure

TEH/ho

cc: DMEA, Wash. (2)
USGS (2)
DMEA
AD
JSMcN
DF

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 North Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
DEC 5 1952

November 25, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: Edward W. Buel, Mining Engineer, U. S. Bureau of Mines

Subject: Routine inspection, Sylvan Mine (D. A. McNabb), Jefferson County, Montana, Contract No. Idm-E238, Docket No. DMEA 2225 (Uranium)

Routine inspection was made on October 28, 1952, accompanied by Mr. D. A. McNabb. Since the last Bureau of Mines inspection, July 24, 1952, the winze was advanced 53 feet with a 5 to 6 foot round left for mucking. The winze was sunk on a 75° incline for 31 feet. Below the 31-foot mark the raise is almost vertical. The shaft is untimbered except for several stulls placed for the hoisting operation.

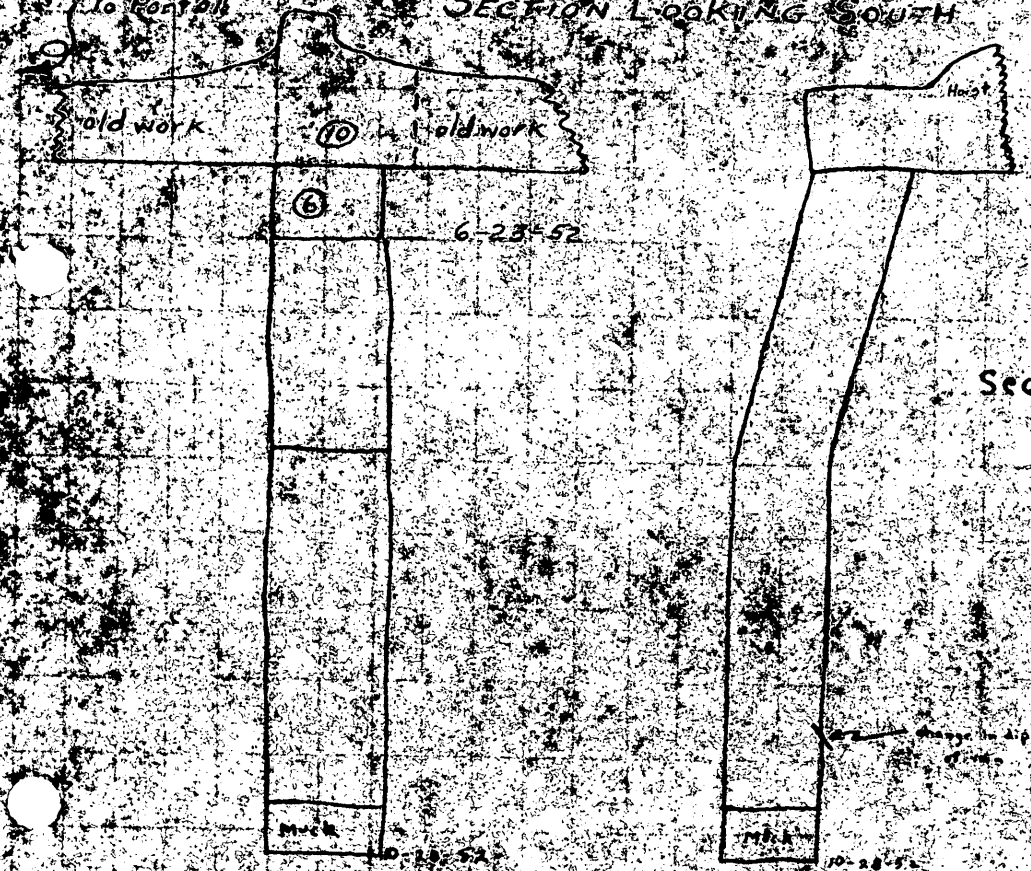
The Operator requested an amendment because of the change in dip of the vein. The winze was sunk on the vein in a southwesterly direction. At a depth of 60 feet the vein dips 55° N.E. A continuance of the winze along the moderately dipping vein would not permit hoisting operations in the winze. An amendment would permit the winze to be continued vertically, and crosscutting from the bottom of the winze would permit intersection of the northeasterly dipping vein.

The present crew consists of three men with McNabb doing the supervision. The work is progressing in a satisfactory manner.

E. W. Buel

E. W. Buel

Orig. & 3 - Wash. ✓
USGS - 2
DMEA
M/D
EWB/vf



SYLVAN (D. A. McNABB)
Docket No. DMEA 2225 x (uranium)
Contract I-dm-E-238

WINZE (Main Adit Level)
Scale 1" = 20'

Section Looking West

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

November 24, 1952

Memorandum

To: Hazel Berry, Operating Committee

From: Grace L. Ault, Rare and Misc. Metals Division

Subject: Docket No. DMEA-2225 (Uranium)
Amendment No. 2 to Contract No. Idm-E238
D. A. McNabb

Mr. Knouse has reviewed Amendment No. 2, dated October 31, 1952, submitted by Region II in the above matter, and approves it.

Grace L. Ault

BJ

Posted 11/24/52 (JHB)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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NOV 20 1952

3

RECEIVED
DEC 29 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 10 1952

2225

— 238

1201 North Division Street
Spokane 2, Washington
October 31, 1952

Mr. D. A. McNabb,
Box 1, Basin, Montana

Subject: September invoice, contract Idm-E238

Dear Mr. McNabb:

After your telephone call to me today we checked the subject invoice again and find that we did make an error in the amount of the check sent you.

We have filled out a supplemental MF-104 for September showing the amount due you. If you will sign all copies of this form and return to us, we will send it in for payment at once.

We regret this inconvenience to you, and shall look forward to receiving the signed copies promptly.

Yours very truly,

Thomas E. Howard
Chief DMEA Section
Bureau of Mines, Region II

cc: DF
DMEA-AD
Wash. (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

October 16, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA-2225X (Uranium)
D. A. McNabb
Jefferson County, Montana
Contract Idm-E238

Dear Mr. Johnson:

Enclosed herewith are the original and two signed copies of an Approval of Subcontract between the subject Operator and Nick Leritz, dated October 7, 1952.

A copy of this Approval is being sent to the Operator, a copy is being retained for the files of this office, and by a carbon copy of this letter the Regional Finance Officer's copy is being sent to him.

Sincerely yours,

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

cc: USBM (2)
Reg. Finance Officer w/encl.
Becraft

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
OCT 2 . 1952

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 1952

5D

M. E. Volin, Member, DMEA Field Team, Region II August 14, 1952

D. R. Irving, Mining Engineer, Mining Division, Region II

Interim Report, DMEA Docket No. 2225X (uranium), D. A. McNabb, Box No. 1, Basin, Montana, Sylvan Group (Louise Claim) Contract No. Idm-E238

Routine inspection was made on July 24, 1952, accompanied by D. A. McNabb. Since the last inspection, June 23, the excavation for the winze station has been completed, and sinking equipment installed.

The winze had been drilled and blasted to a depth of 15 feet, with the last round remaining in the winze.

Mr. McNabb estimates that the sinking crew will be able to advance at the rate of 2.5 feet per shift. In order to increase the sinking rate he is going to request his subcontractor to put on a second shift.

Work is progressing at a satisfactory rate and in a workmanlike manner.

The operator was advised to provide a proper cover and guard rail at the collar of the winze.

D. R. Irving

CC: 2-Wash.
2-USGS
DRI

M. E. Volin, Member, DMEA Field Team, Reg. II June 16, 1952

B. G. Erickson, Mining Engineer, Bureau of Mines

Inspection of Sylvan Mine (D. A. McNabb), Contract Idm-E238, Docket No. 2225X (uranium), Jefferson County, Mont.

Inspection of the Sylvan project was made May 18, 1952. Advances were measured, progress of "units of work" noted, and inventory of equipment purchased to date was made.

Access road had been repaired but runoff from a recent snowfall washed out parts of the road and damaged a small bridge.

Adit rehabilitation was 90 percent complete; compressor repair completed; bunkhouse repair and compressor shed were 50 percent completed.

Subcontractor had taken one round out of winze and was preparing to cut hoist station.

Prices of some items of equipment purchased had risen above the estimated cost but operator believes that he will be able to purchase some items secondhand, thereby staying within the total estimated cost for equipment to be purchased.

Operator was given aid in making out his initial invoice which since has been submitted and forwarded for vouchering.

B. G. Erickson

Orig. to files
cc: USGS (2)
Wash. (2)
RME

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

February 18, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Re: DMEA Contract Idm-E238,
Sylvan Mine, Jefferson
County, Montana.

Dear Sir:

Enclosed are the original and three signed copies of the subject contract. One copy has been retained by the Operator, and one by this office.

Sincerely yours,

Thor H. Kiilsgaard

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

Enclosures.

c.c. USBM - Spokane

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 28 1952

FILE COPY
SURNAME:

600

F. L. Knouse
Ellis

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

JAN 22 1952

Mr. A. E. Weissenborn
Executive Officer
Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA - 2225
D. A. McNabb
Sylvan Gold Mining Claim - Uranium
Exploration Project Contract Idu-E238

Dear Mr. Weissenborn:

Enclosed are the original and five copies of the referenced contract which have been signed by the Government, and each contract has the following attachments: one (1) "Landlord's Subordination Agreement", Exhibit "A" (six (6) pages), and one (1) map.

If the terms and conditions of this contract meet with the approval of the operator, all six copies are to be signed by Mr. D. A. McNabb. Upon obtaining the signature to the contract the copy marked "Operator's Copy" is to be given to the operator, the copy marked "Field Team Copy" is to be retained by your office, and the other four copies are to be returned to this office.

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

The original application was for the total amount of $21,150.00, the final contract is for a total amount of $22,907.00. This difference being due to the applicant's failure to include $1,600.00 or $200.00 a month for him to supervise the work and depreciation on the equipment to be supplied by the operator.

Sincerely yours,

(signed) FRANK E. JOHNSON NB

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures

APPROVED:

/s/ J. H. Hedges
Member, Bureau of Mines NB

/s/ J. P. Thayer
Member, Geological Survey NB

FLKnouse/meb 1-16-52 1-22-52 S.D.

cc to: Adm. Reading File
Docket File Copy
Mr. Kauffman, Jr.
~~Mr. Kauffman, Jr.~~
Mr. Butler, Jr.
Mr. Ellis
Mr. Knouse

OFFICE PHONE: MAIN 6464

HOME PHONE: GLENWOOD 1741

HARVE H. PHIPPS
LAWYER
COMMISSIONER FOR ALBERTA, BRITISH COLUMBIA, AND SASKATCHEWAN
NOTARY PUBLIC
223 ROOKERY BUILDING
SPOKANE, WASHINGTON

DEPARTMENT OF THE INTERIOR
RECEIVED
JAN 7 1952
Defense Minerals Administration,
Production Expansion Division.

January 4, 1951.

must be error

Re: Docket No. DMEA - 2225
D. A. McNabb
Exploration Project Application

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

Attention: Mr. Knousy

Dear Mr. Knousy:

Enclosed are the corrected copies of Form MF-202 "Landlord's Subordination Agreement" which have been corrected as per your request and initialed by Mr. Otto A. Bittrick and myself, as the Lessors of the Mining property in Jefferson County, Montana, upon which Mr. D. A. McNabb of Basin, Montana, is requesting an Exploration Project Loan.

If there is any other information that we can give you or which would help Mr. McNabb in obtaining his loan, please write me.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 7 1952

Very truly yours

Harve H. Phipps

HARVE H. PHIPPS

HHP:ac
enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 26 1951

RE: DMA-2225

Butte, Montana
December I6. I95I

Mr. F.Knousy
D.M.P.E.
South Interior Bldg.
Washington, 25, D.C.

Dear Mr. Knousy;

Enclosed are two copies of the information you requested. I hope they meet with your approval as I have completed them to the best of my knowledge. It will be a pleasure to answer any more information you require. The forms you sent back are not completed yet as they had to be sent away. I will get them in the mail as soon as possible.

Sorry I wasnt in Butte when you called but am spending a lot of time in Basin trying to get lined up. Thank you for calling.

Sincerely,

Dallas G. McKabb.

Enclosure:
2 Copies; Information requested.

RE. DMA-2225

December I6,I95I

D.A.McNabb
Granite Apts. Apartment 3
Butte, Montana

I; The rate of Insurance with the Montana Industrial Accident Board is 7½% of wages earned per man. A $I00.00 Deposit is required by the Board up to I0 men. The prevailing wage scale in this community is$I3.47 per eight hour day. This has all been considered in the estimates given. On the rehabilitation work of the Bunk house, compressor house, and Blacksmith house,there will be one man and myself.

(b) Lumber and instulation material for bunk house. $65.30
Wages. $ I34.70
Lumber and roofing material for blacksmith house. 23.06
Wages. 26.94
Logs to be cut for compressor house, on the property.
Wages. 300.00

2; Road work to be contracted out with Bulldozer,@$ I2.00 per hour not to exdeed $ 200.00. This is the prevailing scale in this section.

3; Trucking will include the hauling of the timber for the winze as it has to be squared timber. The mill is Twenty miles from Mine. Also included will be the machinery, wiych is 3½ mile haul.
This will be contracted,not to exceed $ 300.00.

4; The work on the Portal,Tunnel, cutting of the Stations,sinking of the Winze, and all Mining is to be Contracted. The Insurance to be taken care of by the Contractor. He contemplates using four men.

5; The compressor is an Ingersoll-Rand, # PP 94720.series B, 240 feet Piston Displacement, Waukesha Motor, Model H.S.20A, No. 236907. This is a I933 Model sold in I936. This Model is outmoded but the cost at that time, $2900.00. This machine needs a Magneto at a cost of $I00.00, Prestone for winter work. A small overhaul job with a machinist at an estimated cost not to exceed $400.00 That includes hoses and all parts nessecary,with the exeption of the Magneto. As for depreceation value I cant set that. Whatever you think is good.

6; Atlas Rock Drill. $ 320.00
Pneumatic Pusher I50.00
Steel and Bits @ $2I.40 2 sets, starters. 48.I0
2 sets @ $25.65 5I.30
2 sets Fittings,Couplings and Hoses, @ $24.85 49.70
Total 6I9.I0
These are F.O.B. Spokane. estimated freight 30.90

7; Gardner-Denver Hoist, I Ton, Note: Mistake of 2 ton on application. $ 642.00
Shive Wheel, 30" 30.00
Cable @ I9.26 per I00 ' 200$ Ft. 38.52
Bucket 8.00
F.O.B. Butte, estimated freight 3.48
Total 722.00

8; Ingersoll-Rand (whirley) pump $ 305.00
Hoses and connections 25.00
F.O.B. Butte, estimated freight 3.50

continued

Ingersoll-Rand (whirley) pump complete Total $ 333.50
Note; $ 500.00 on application. These machine prices are of today and are apt to change.

9; The cars are used . They are I ton cars and are priced at $80.00 to $100.00 each. Timber truck at $40.00. I cant set a depreciation value on them. Whatever you think.

Dallas A. McCabb
Lessee

FILE COPY
SURNAME:

100

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

F.L. Knouse
F.E. Johnson

DEC 14 1951

Mr. D. A. McNabb
Granite Apartments
Apartment Three
Butte, Montana

Re: Docket No. DMA - 2225
D. A. McNabb
Exploration Project Application

Dear Mr. McNabb:

We wish to acknowledge receipt of the six (6) signed copies of Form MF-202, "Landlord's Subordination Agreement", forwarded from the Field Officer of Region II. We are returning these agreements for a correction that we will require before we are able to process your application.

The subordination agreement as it now stands is between the Sylvan Mine, Basin, Montana, the lessee of said property and the United States of America. Inasmuch as the lease on the property is between Otto A. Bittrick and Harve H. Phipps, lessors, and D. A. McNabb of Basin, Montana, lessee, the name of D. A. McNabb must be substituted for the Sylvan Mine. Will you also please change the date on this agreement from July 1951 to July 16, 1951, which is the date of your lease. These changes are to be made in the presence of, and initialed by, the signers of the agreement. After these corrections are made, please return all six copies of this agreement to this office.

Sincerely yours,

(signed) FRANK E. JOHNSON (for)

Acting Administrator
Defense Minerals Exploration
Administration

S.H.
12-14

Enclosures

FLKnouse/meb
12/12/51

cc to: Adm.Reading File
Reports & Records
Mr. Mittendorf
Field Team,Reg.II(2)
Bourret
Knouse
Kaiser
Docket
Hosted

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 18 1951
Defense Minerals Administration,
Production Expansion Division.

December 14, 1951

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Re: Sylvan Mine
Basin, Montana
Commodity: Uranium

Dear Sir:

Enclosed are three copies of a revision pertaining to question 7 on form MF-103. Please attach these to the subject application.

A favorable recommendation on the Sylvan mine was forwarded by this office on November 9.

Sincerely yours,

A. E. Weissenborn KG

A. E. Weissenborn
Executive Officer for DMEA
Field Team, Region II

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 18 1951

OFFICE OF THE ADMINISTRATOR

Mr. Krause

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 10 1951
Defense Minerals Administration,
Production Expansion Division.

December 6, 1951

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Sylvan Mine
Basin, Montana
DMA No. 2225

Dear Sir:

Attached are six copies of Landlord's Subordination Agreements for the subject application.

Copies of the application submitted by D. A. McNabb plus a favorable report by E. E. Thurlow of the A.E.C. were forwarded from this office on November 9.

Sincerely yours,

A. E. Weissenborn KG

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

Enclosures

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
RECEIVED
DEC 10 1951

STANDARD FORM NO. 64

Mr. ~~Fell~~ Knouse

Office Memorandum • UNITED STATES GOVERNMENT

TO : C. O. Mittendorf, Acting Administrator
Defense Minerals Exploration Administration

DATE: December 5, 1951

FROM : J. O. Hosted, Division of Raw Materials
U. S. Atomic Energy Commission

SUBJECT: DOCKET DMA - 2225 (SYLVAN MINE)
D. A. MCNABB
EXPLORATION PROJECT APPLICATION

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 7 1951
Defense Minerals Administration,
Production Expansion Division.

The subject docket was received on November 30. I understand that the DMA field team of Region II and AEC geologists recommend that the application be approved and I concur. Mr. H. D. Keiser of the USGS said he would also concur with the recommendations of the field team. I have been informed that the applicant has agreed to a reduction of $750 under question 5 of his application. This makes the total cost of the project, $20,410. The contract prices given are reported to be the current rates for the district.

The map of the Sylvan Mine and the application forms and a copy of the mining lease are attached.

Enclosures

dmpa
RECEIVED
DEC 6 1951

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
DEC 7 1 00 AM '51

FILE COPY
SURNAME:

410

F.L. Knouse
Mittendorf (fw)

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

November 28, 1951

B.L.

Memorandum

To: Mr. Hugh Keiser - USGS
GSA Building - Room 3204

Mr. Joseph Hosted - AEC
GSA Building - Room 3204

From: Acting Administrator
Defense Minerals Exploration
Administration

Subject: Docket No. DMA - 2225
D. A. McNabb
Exploration Project Application

Attached hereto are Forms MF-100 and MF-103, for exploration aid and a map covering the above-subject application.

Please review this application and return it together with your findings and recommendations to this office.

C. O. Mittendorf (fw)

N.S
R+R

Attachments
FLKnouse/meb

cc to: Adm.Reading File
Reports & Records
Mr. Mittendorf
FLKnouse
Docket

OFFICE OF THE ADMINISTRATOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D.C.

Nov 13 10 25 AM '51

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

So. 157 Howard Street
Spokane 4, Washington

November 9, 1951

Memorandum

To: Mr. Tom Lyon, Chairman, Coordinating Committee, DMA

From: DMA Field Team, Region II

Through: Reports and Records Section

Subject: Application for exploration project contract submitted by D. A. McNabb concerning the Sylvan mine, Basin, Montana.

Enclosed herewith are four copies of an exploration project contract application submitted by D. A. McNabb concerning the Sylvan mine, Basin, Montana. Also enclosed are three copies of a memorandum prepared by Mr. Ernest E. Thurlow of the U. S. Atomic Energy Commission concerning the subject property, and six copies of a map which are to accompany the application.

Copies of the landlord subordination agreement do not accompany the application but are currently being assembled by the applicant. As soon as they are available, they will be forwarded to Washington.

Mr. Thurlow recommends that the Sylvan mine be favorably considered for an exploration project contract and the field team concurs.

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

Enclosures

M E Volin
M. E. Volin
Member, DMA
Field Team, Region II

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : A. E. Weissenborn, Executive Officer, DMA, Field Team Region II, Spokane, Wash. DATE: November 6, 1951

FROM : Ernest E. Thurlow, Chief, Spokane Exploration Branch, Division of Raw Materials, U. S. Atomic Energy Commission, Spokane, Washington

SUBJECT: RECOMMENDATION ON EXPLORATION OF RADIOACTIVE VEIN AT THE SYLVAN MINE, BASIN, MONTANA

Background

Radioactivity was discovered in the Sylvan vein material by D. A. McNabb, the present lessee. A sample submitted to the Atomic Energy Commission assayed 2.0% U_3O_8 equivalent but only 0.02% U_3O_8 chemically. The radioactivity was found to be due to the presence of radium in the amount of 9×10^{-9} grams per gram of sample. It is assumed that vein material containing appreciable amounts of uranium has been leached by ground waters with the removal of uranium and other daughter products leaving most of the relatively insoluble radium behind. A number of other samples have indicated fair radioactivity for a length of about 60 feet along the vein structure. (See Preliminary Reconnaissance Report M-110 dated 7/27/51 and Supplement to M-110 dated 9/7/51.) Water courses in other parts of the vein may also have contained similar material. The radioactive vein material consists of a black earthy material presumed to be principally hydrocarbon with abundant euhedral crystals of pyrite.

Method of exploration

A topographic map of the immediate vicinity of the mine was made by the Spokane Exploration Branch to determine the best means of exploration. The topography is not suited for a lower adit level and drilling would be difficult with the expectation of poor results on this type of structure. The best means of exploring the potentialities of this vein is by sinking a winze on the structure. Mr. Ira B. Joralemon, consultant for Raw Materials Division, concurs in this conclusion.

Expected results

It is hoped that the bottom of the zone of leaching will be reached at less than 100 feet below the adit level. Little is known of what to expect in the primary zone in this type of deposit, but it is presumed

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : A. E. Weissenborn -2- DATE: November 6, 1951

FROM :

SUBJECT:

that prior to leaching, the material at the adit level would have been commercial uranium ore. In view of this, it is expected that uranium ore will be encountered in the winze, the extent of which should be explored by drifting. Because of the uncertainty of some of the factors involved, any estimation of the amount and grade of ore that might reasonably be expected would be highly speculative. Frequent examinations and close sampling of the vein material as exploration progresses should result in valuable information regarding leaching and possibly enrichment in uranium-bearing veins.

Suggested changes in exploration project application for aid

The application for aid has been discussed with Mr. McNabb and he concurs with the following suggested changes on Form MF-103:

5.	Original Est.	Revised
Repair and maintain 1/2 mile of road	$ 500.00	$ 200.00
Rehabilitation of bunkhouse	300.00	200.00
Rehabilitation of blacksmith house	100.00	50.00
Repairing & parts, winterizing compressor	500.00	500.00
Trucking charges	300.00	300.00
Repair mine portal & mine workings, and change timber	500.00	300.00
Total	$2,200.00	$1,550.00

6. Okay

7. Okay

8. Add -
Part-time foreman @ $200.00 per month for 8 mos. $1,600.00

The above suggested changes result in a net addition of $950.00 to the original application, or a total of $22,110 for the entire contract.

Subject: DMA-2225
Re: Exploration Loan
Sylvan Mine

Mr. D. A. McNabb
Granite Apts. Apartment 3
Butte, Montana

My dear Mr. McNabb:

This will acknowledge receipt of your application dated October 31, 1951 for a loan under the Defense Production Act of 1950.

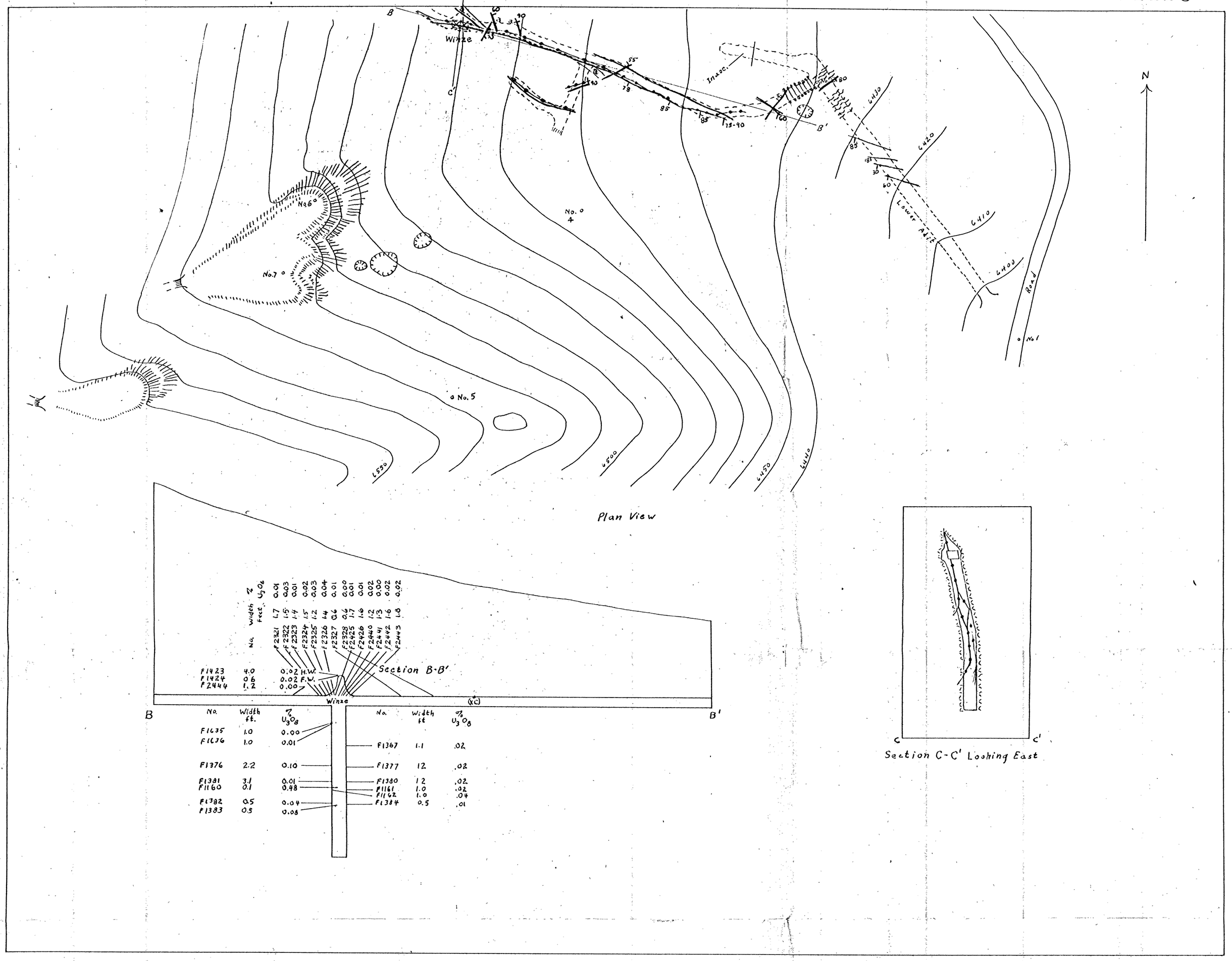
Your application was assigned Docket Number DMA-2225 and referred to the Rare & Light Metals Branch.

Kindly refer to DMA-2225 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams, Chief
Reports & Records Unit

7862



January, 1953

Sample data from map made by Butte Sub-office of the Atomic Energy Commission

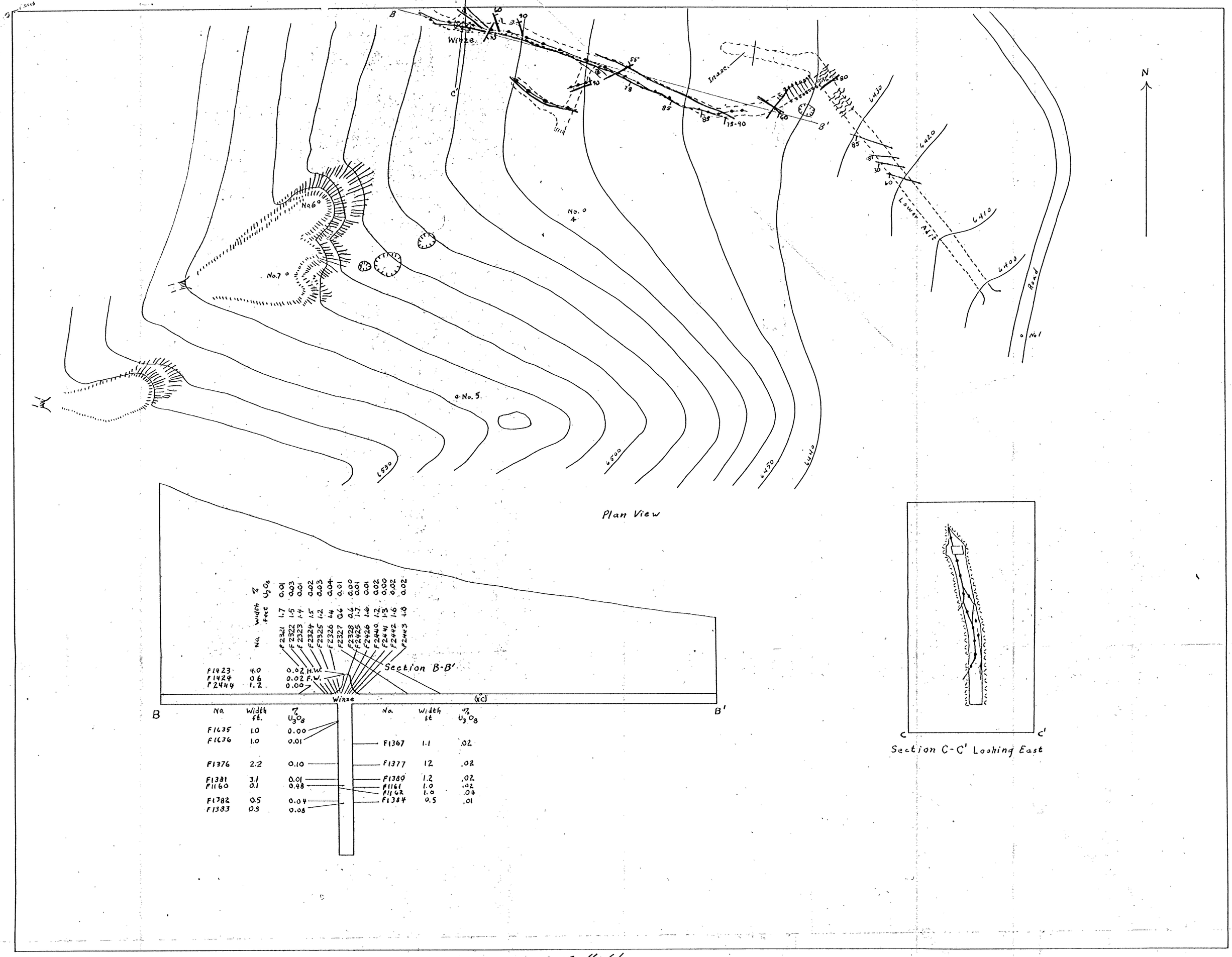
SYLVAN MINE

Basin, Montana

Map and sections by geologists of the Atomic Energy Commission, Butte Sub-office. Geology on plan view by Geo. E. Becraft, U. S. Geological Survey, Geology

Scale 1" = 40'

DMEA Docket No. DMEA 2225



No.	Width feet	% U_3O_8
F2321	1.7	0.01
F2322	1.5	0.03
F2323	1.4	0.01
F2324	1.5	0.02
F2325	1.2	0.03
F2326	1.4	0.04
F2327	0.6	0.01
F2328	0.6	0.00
F2425	1.7	0.01
F2426	1.6	0.01
F2440	1.2	0.02
F2441	1.3	0.00
F2442	1.6	0.02
F2443	1.8	0.02
F1423	4.0	0.02 H.W.
F1424	0.6	0.02 F.W.
F2444	1.2	0.00

No.	Width ft.	% U_3O_8
F1635	1.0	0.00
F1636	1.0	0.01
F1376	2.2	0.10
F1381	3.1	0.01
F1160	0.1	0.48
F1382	0.5	0.04
F1383	0.5	0.08

No.	Width ft	% U_3O_8
F1367	1.1	.02
F1377	12	.02
F1380	1.2	.02
F1161	1.0	.02
F1162	1.0	.04
F1384	0.5	.01

January, 1953

D.F. McNabb

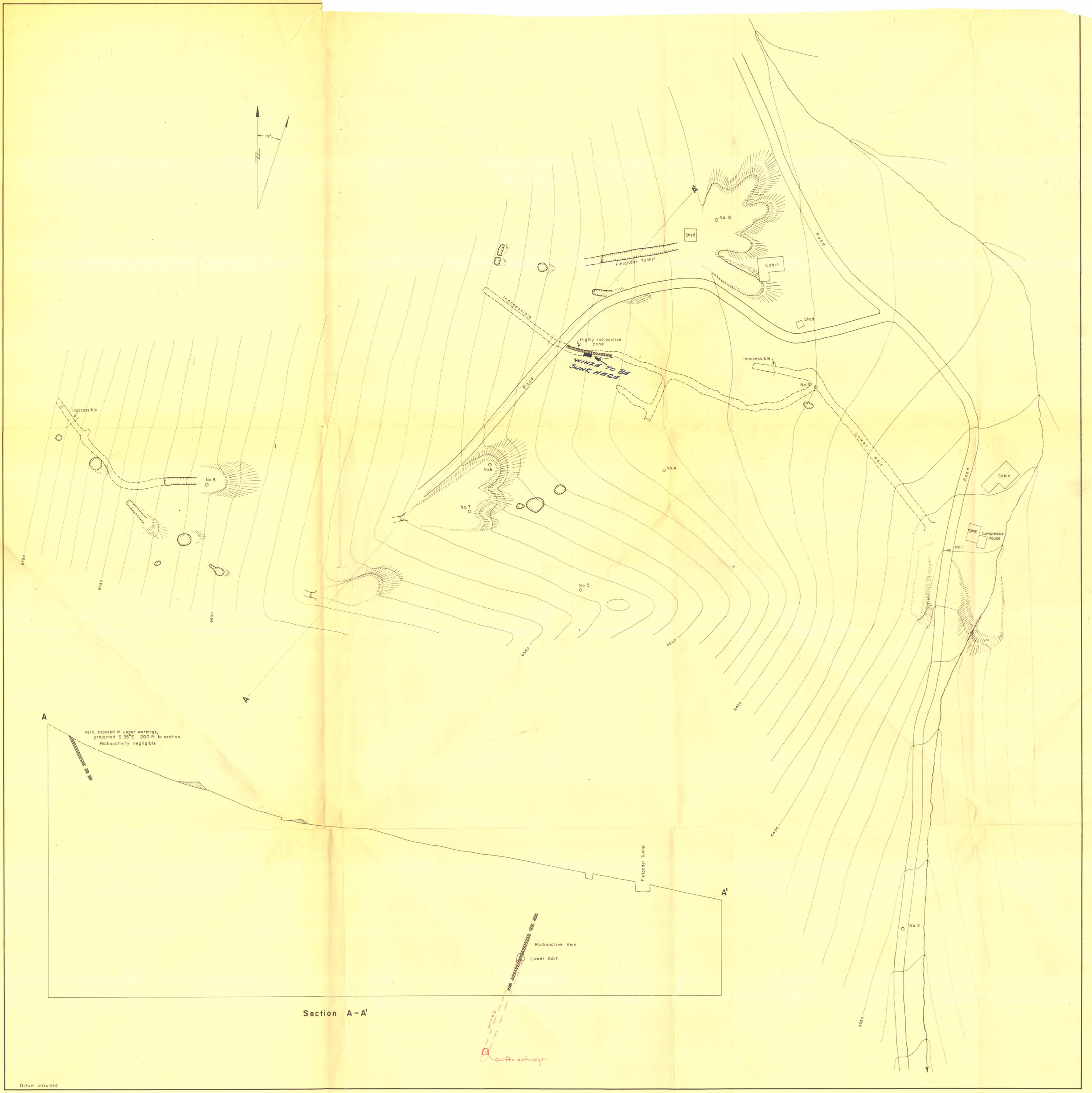
SYLVAN MINE

Basin, Montana

Map and sections by geologists of the Atomic Energy Commission, Butte Sub-office. Geology on plan view by Geo. E. Becraft, U. S. Geological Survey. Geology

Scale 1" = 40'

sample data from map made by Butte sub-office of the Atomic Energy Commission



PLAN AND SECTION OF SYLVAN MINE

Basin, Montana

October, 1951

0 40 80 120 FEET