JUL 2 1962

Memorandum

To: Chief, Fiscal Section
Division of Administrative Services
Office of the Secretary

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-2080 (Asbestos)
The Ruberoid Company
Vermont Asbestos Mines
Eden and Lowell Townships, Vermont
Contract Idm-8286

Enclosed for deposit to the subject DMEA account under symbol 14X4401 as a royalty receipt is check no. C 22500 dated June 29, 1962, in the amount of $1,444.20, drawn by The Ruberoid Company, New York, N. Y., on The Chase Manhattan Bank, New York, N. Y.

Enclosure

EDTalbert/ama 7-2-62

cc:
Docket
Director's Reading File
CA & A Division
Region IV Files (2)

The RUBEROID Co.
SOUTH BOUND BROOK
NEW JERSEY

OFFICE OF
THE COMPTROLLER

1902

2 6 1962

Mr. L. M. Richmond
Assistant to Comptroller
The Ruberoid Company
South Bound Brook, New Jersey

Re: DRRA-2080 (Asbestos)
The Ruberoid Company
Vermont Asbestos Mines
Eden and Lowell Townships, Vermont
Contract Idr-E286

Dear Mr. Richmond:

Your June 22 letter, together with a copy of a June 19 memorandum from your mine superintendent, explains the determination of the value of production and the royalty payable under the referenced contract. The method used in computing the $41,263.04 value appears reasonable and in conformity with the contract terms. The percentage royalty, however, has been computed on the basis of the value per ton of ore ($3.64) rather than the value per ton of fibre ($115.56).

As was noted in my May 16 and June 12 letters, Article 9 of the contract specifically provides for the computation of the percentage royalty on the basis of the gross revenue or market value of the production in the form sold or held for sale, which in this case is fibre. Under this provision of the contract the applicable royalty rate is 5% rather than the 14% used in your computation.

The proper royalty payable on the computed value of $41,263.04 is $2,063.15, or $1,444.20 more than the $618.95 remitted with your June 7 letter. Your prompt remittance of this balance due of $1,444.20 will be appreciated.

Sincerely yours,

George Fumich, Jr.

Director

EDTalbert/ama 6-26-62
cc:
Docket
Director's Reading File
CA & A Division
Region IV Files (2)

FILE COPY
G. M. E
RECEIVED JUN 25 1962
INITIALS

June [illegible], 1962

[illegible] Interior
[illegible] Exploration

Re: [illegible] (Asbestos)
The [illegible] Co.
Vermont [illegible] Mines
[illegible] Townships, Vermont
Contract, I[illegible]286

[illegible] your letter of June 12 questioning both the [illegible] manner of determination of the royalty which [illegible] you in our letter of June 7, I asked Mr. Matthews, [illegible]dent of our Vermont asbestos mine, for his views [illegible] explanation of the manner in which the sales value [illegible]tion on which our royalty was computed and a [illegible] dated June 19 is enclosed for your informa- [illegible] reference.

[illegible] opinion that the royalty which we have paid you is [illegible] under the terms of the contract; however, [illegible] to consider further any different [illegible] hold after reviewing Mr. Matthews' letter.

Very truly yours,

The RUBEROID Co.

L. N. Richmond
Assistant to Comptroller

[illegible] T. M. Dermody
[illegible] L. Zale (2)
[illegible] E. Matthews

JUN 1 8 1962

Mr. L. M. Richmond
Assistant to Comptroller
The Ruberoid Company
South Bound Brook, New Jersey

Re: DMEA-2080 (Asbestos)
The Ruberoid Company
Vermont Asbestos Mines
Eden and Lowell Townships, Vermont
Contract Idu-8286

Dear Mr. Richmond:

This is to acknowledge receipt of your letter dated June 7 and to thank you for your check in the amount of $618.95. The remittance is accepted as a partial payment of the royalty due to the Government under provisions of the subject contract.

Article 9 of the contract provides that the percentage royalty, as set forth therein, shall be based on the gross revenue from sales in whatever form disposed of or, if not sold, on the market value of the material in the form in which it is held. In a letter dated May 14 Mr. Dermody stated that the ore was blended with ore from other areas and milled as a combined mill feed and that your company is unable to determine the quantities sold, and to which customers, or the quantities remaining in your warehouse, if any.

While we can understand that the ore from DMEA area would be blended with other ore in the milling process and that it would not be possible to follow the production from DMEA area through to sales or warehousing of the product, we still must insist on the computation of royalty payable to the Government based on the value of the product <u>in the form sold or held for sale</u>. It would seem that the quantity of products sold resulting from DMEA ore can be determined based on mill-head assays and that the value of such products can be determined based on average values of the total production sold during the period.

It is therefore requested that you please make such computation and promptly remit the additional royalty thus determined to be payable to the Government under provisions of Article 9 of the exploration contract.

Sincerely yours,

George Fumich, Jr.

Director

cc: Docket
Director's Reading File
CA & A Division
Region IV files (2)

CEFisher/ama
6-11-62

Memorandum

To: Chief, Fiscal Section
Division of Administrative Services
Office of the Secretary

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-2080 (Asbestos)
The Ruberoid Company
Vermont Asbestos Mines
Eden and Lowell Townships, Vermont
Contract Idm-E286

Enclosed for deposit to the subject DMEA account under symbol 14XA401 as a royalty receipt is check no. C 22440 dated June 7, 1962, for the amount of $618.95, drawn by The Ruberoid Company on The Chase Manhattan Bank, New York, N. Y.

Enclosure

EDTalbert/ama 6-11-62

cc:
Docket
Director's Reading File
CA & A Division
Region IV Files (2)

U. S. Department of the Interior
Office of Minerals Exploration
Washington 25, D. C.

Re: [illegible]-2080 [illegible]
The R[illegible]
[illegible] Mines
[illegible] Pennsylvania
Contract [illegible]

Gentlemen:

Pursuant to your letter of May 16, 1962 we are submitting herewith a certified statement accounting for all production from the subordinated land to April 1, 1962 together with our check in the amount of $618.95 in payment of the Government's royalties on such production.

We trust that this will conclude our [illegible] under this contract.

Very truly yours,

The [illegible] Co.

[illegible]

L. E. Richmond
Assistant to Comptroller

LER:vs

Enclosures

cc: Mr. C. T. Limerick
Mr. [illegible]
[illegible]

[illegible]

[illegible] certify [illegible] of [illegible]

[illegible], having a total value of [illegible] five

hundred [illegible] dollars and [illegible] ($[illegible])

was mined from the land during the [illegible] (30) period

(April 1, [illegible] - April 1, 1961) [illegible]

[illegible].

THE [illegible] CO.

By: _____

[illegible] General Superintendent

STATE OF VERMONT
COUNTY OF LAMOILLE } ss.:

[illegible] _____ day [illegible]

[illegible] me came I. E. Matthews

to me known to be the individual described in and who executed

the foregoing instrument and acknowledged that he executed the

same.

The RUBEROID Co.
SOUTH BOUND BROOK
NEW JERSEY

OFFICE OF
THE COMPTROLLER

FILE COPY
O. M. E
RECEIVED MAY 15 1962
DATE

May 14, 1962

U. S. Department of the Interior
Office of Mineral Exploration
Washington 25, D. C.

Attention: Willis R. Griswold, Chief

Re: DMEA-2080 (Asbestos)
The Ruberoid Co.
Vermont Asbestos Mines
Eden & Lowell Townships, Vermont
Contract Num - E286

Dear Sir:

Completed MME Form 63 is enclosed in duplicate.

We are unable to answer specifically sections 2A and 2B. According to our records, we mined 11,330 tons of ore having a value of $3.64 per ton or $41,263.04. The ore was blended with ore from other areas and milled as a combined mill feed. For this reason we are unable to determine the quantities sold, and to which customers, or the quantities remaining in our warehouse, if any.

We are hopeful our explanation will serve your needs.

Very truly yours,

The RUBEROID Co.

T. H. Dermody
Vice President & Comptroller

AKO:vs

Enclosure

cc: Mr. C. T. Limerick
Mr. I. E. Matthews
Mr. L. M. Richmond
Mr. G. L. Palm (2)

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Office of Minerals Exploration, Washington, D. C., pertaining to Contract No. Idm-E286, Docket No. DMEA-2080 (Asbestos), dated April 1, 1952, with

The Ruberoid Company
Hyde Park, Vermont

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as Vermont Asbestos Mines located in Lamoille County, Vermont, during the period April 1, 1952, through June 30, 1960.

A certification of discovery or development was issued on April 23, 1958, and, in accordance with Article 9 of the contract, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 10 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. An Audit Certificate dated December 10, 1955, indicated accepted costs under the exploration contract amounting to $60,902.78 with the Government's contribution, on a 90 percent basis, being $54,812.50.

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

(1) Inspection reports by field representatives of the Government and other correspondence in the Washington office files indicate that there has not been any production from the property on which royalty would be due to the Government since the date of the exploration contract; and

(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible royalty which might be disclosed.

C. E. Fisher

C. E. Fisher, OME Auditor

July 5, 1960

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

I have examined the records and transactions of:

The Ruberoid Company
Hyde Park, Vermont

pertaining to Exploration Project Contract No. Idm-E286, Docket No. DMEA-2080, including Amendments 1 to 3, covering a project of exploration for Asbestos, for the period of April 1, 1952 to September 30, 1953.

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

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

Total Cost as billed by Contractor	$60,902.78
Exceptions	-0-
Total Accepted Cost	$60,902.78

The contract calls for a 90 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Fifty-four thousand eight hundred twelve and 50/100 Dollars,

$54,812.50

is valid and proper.

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

W. J. BREKHUS
Auditor

December 10, 1953

AUDIT REPORT

I INTRODUCTION

On December 1, 2 and 3, 1953, a final audit (covering the period of April 1, 1952 to September 30, 1953) was made of the records and accounts of operations pertaining to Contract No. Idm-E286, Docket No. DMEA-2080, including Amendments 1 to 3, with the:

The Ruberoid Company
Hyde Park, Vermont

covering a project of exploration for Asbestos.

The basic accounting records under this contract are located in the Vermont Asbestos Division's office at its mills which are reached by proceeding north from Hyde Park on Vermont State Route 100 for 11.5 miles to Eden Mills, then west on an unnumbered road for 4.1 miles.

During the course of the audit the following officers and employees of the Division were consulted as required:

Mr. M. J. Messel, General Superintendent
Mr. J. K. Gilmore, Supervisor of Exploration
Mr. L. Jordan, Assistant Supervisor of Exploration
Mr. K. A. Foster, Office Manager
Mr. Price Freeman, Cost Analyst
Mr. M. S. Pope, Payroll Clerk
Mr. F. Merrill, Storekeeper

All were very cooperative and rendered all possible assistance in facilitating the audit.

II GENERAL INFORMATION ON RECORDS

The accounting operations are under a modern branch office accounting system. Most invoices for services or materials are scheduled (every day or so as volume, due dates or discounts require) on an Accounts Payable Voucher Register which are forwarded to the Ruberoid Company's Central Accounting Offices, South Bound Brook, New Jersey. Vouchered invoices are filed alphabetically by vendors, with subfiling by Voucher Register number. Small local purchases and services are paid for by check on an Imprest Fund maintained in a local bank. Payments for labor are effected by withdrawals from the Imprest Fund. Salaried personnel are paid by the New York office with notification to the Division's office of only the total amounts to be charged to its various accounts.

The exploration project accounting records are integrated with those pertaining to the Division's mill, quarrying, exploratory and other operations. However a separate section (designated as Account 1285) of the Plant Ledger covers the work under DMEA contracts, with three digit sub-accounts (with the first digit "1" designating this contract) for each of the items shown in Exhibit "A" of the contract. All the records pertaining to this project have been maintained accurately and, except for a few minor instances, on a month end accrual basis.

The accounts are audited periodically by Price Waterhouse and Company, certified public accountants, as well as the Rubereid Company's own internal auditors.

III SCOPE OF AUDIT AND FINDINGS

An interim audit was made and a report submitted, by Mr. E. D. Talbert, DMEA Auditor, on September 13, 1952, covering the period from April 1, 1952 to July 31, 1952. This audit covers the remainder of the operations under this contract, the fourteen month period ending September 30, 1953, and the combined results of both audits are discussed in this report.

The audit was limited to ascertaining the accuracy, propriety and validity of the costs as shown in the "Totals to Date" column of Form MF-104, Operator's Monthly Report and Voucher, for the month of September 1953. The extent of the audit and the findings under each of the "Items of Cost" follow:

(1) Independent Contracts and Agreed Unit Cost $33,885.55

All charges were verified by reviewing all pertinent invoices of the subcontractor, checking footages billed against drill logs, and rates against authorized subcontract rates, or agreed unit prices, whichever were applicable. Mathematical calculations were checked and found to agree. As all the diamond drilling accomplished under this contract was performed by the Joy Manufacturing Company, costs were developed from subcontract billings. The 3,000 feet drilled at an agreed unit cost of $3.493 per foot was billed to the Operator at $3.95 per foot, the Operator absorbing the excess cost. It was found that the total costs charged under this category were:

Independent Contract:

Under subcontract dated December 21, 1951	
6,131 feet of diamond drilling @ $3.75 per foot	$22,991.25
6½ hours Acid Survey @ $30.00 per shift	24.30
	$23,015.55

Agreed Unit Cost:

(Per Amendment No. 3)	
3,000 feet of diamond drilling @ $3.493 per foot	$10,479.00
80 feet of Casing @ $2.30 per foot	184.00
90 feet of Cementing @ $2.30 per foot	207.00
	$10,870.00
Total drilling costs	$33,885.55

The charges are well within the allowable maximum unit costs established by Article 6 (1) and Exhibit "A" of the contract at $4.00 per foot.

(2) Labor and Supervision: $18,090.12

The charges under this item were checked against the pertinent sub-accounts of the Plant Ledger. Journal vouchers covering salaried personnel were spot checked against time sheets, and, in order to sample check labor charges, the Daily Time Sheets (approved by J. K. Gilmore, Supervisor of Exploration), for the months of July and November 1952, were reconciled with the individual IBM time clock cards for time and computed at the indicated rates.

Labor is unorganized and is paid in accordance with Company established classifications. The following hourly wage rates, pertinent to labor on this project, were in effect:

Classification	Effective 11-12-50	Effective 5-4-52
Drill Operator	$1.31	$1.36
Spareman	1.14	1.19
General Laborer	1.07	1.12

Exploration Department employees, with the exception of Drill Operators, are paid these rates regardless of the particular work being done, i. e., whether acting as surveyor, rodman, helper or laborer.

An audited summary of the total costs by the classifications shown in Exhibit "A" of the contract, as amended by Amendment 1 follows:

Labor		
Drill Operator	$7,500.42	
Spareman	4,467.84	
General Laborer	2,117.40	$14,085.66
Technical		
Assistant Geologist	$2,384.46	
Mine Geologist	720.00	
Consulting Geologist	900.00	4,004.46
Total		$18,090.12

Overtime of Exploration Department employees is prorated between all exploratory projects on the basis of total time each employee devotes to each project. It is believed that these rates, as well as the method of distributing overtime, are extremely reasonable and equitable.

Charges for Assistant Geologist represent 50 percent of the salary of Louis Jordan. The charge for a Mine Geologist represents a small portion of the salary of J. K. Gilmore, the Company's Supervisor of Exploration. The Consulting Geologist (W. B. Miller) is under contract with the Company at a retainer fee ($7,200.00 per annum) payable on a quarterly basis, $300.00 per quarter up to December 31, 1952, being apportioned to this project. All charges for technical services are deemed reasonable and proper.

(3) Operating Materials and Supplies: $6,701.60

All charges for purchases were verified by checking against the Plant Ledger, pulling and reviewing all invoices for propriety and spot checking for mathematical accuracy.

A major portion of the materials and supplies were drawn from Company stores as indicated by the following audited summary:

Stores Issues:		
Gasoline (for Drill Rig)	$ 620.25	
Core Bits	3,720.26	
Casing, fittings, tools, etc.	868.73	$5,209.24
Purchases:		
Core Boxes	$ 611.25	
Core Barrels (2)	271.67	
Plastic Pipe (600')	195.92	
Drawing supplies, repair parts, tools, white gas, etc.	413.52	1,492.36
		$6,701.60

All stores issues were checked back from the postings to the Plant Ledger, through the journal vouchers, to the daily (monthly for gasoline) summaries of requisitions, which indicated the distribution to the cost accounts. Line entries on the summaries were spot checked to requisitions and stock cards. Stock replenishments were spot checked for pricing back to purchase invoices. It was determined that stores are priced out at averaged unit purchase costs, including freight, without addition of a mark-up. The project is being charged the same prices as the Company operations.

Exhibit "A" provides that the drill bits are to be "supplied by the Operator at cost less recoverable value." It was determined that the bits being used on the project are company-owned used bits priced at the cost of diamond resetting plus freight. Therefore, there is no "recoverable value" remaining. Other items such as 2 core barrels, and 600 feet of plastic pipe are also considered expended, as they have a comparatively short life. The Executive Officer of the DMFA Field Team concurred in this determination.

(4) Operating Equipment: $1,588.96

Since the contract specified only total "allowable maximums" in two categories for the depreciation of operator-furnished equipment without statement of the monthly amount chargeable, the Operator divided the "allowable maximums" by 300, the number of estimated working days under the contract, to establish the daily rate. A check of the charges for depreciation indicates that: (1) the drill rig and associated equipment are charged at $7.33 per day for only those days that drill operators are employed (and consequently the equipment is being used), and (2) the truster is charged at $1.80 per day for only those days for which the Supervisor of Exploration has approved by recording on the Daily Time Sheet. This procedure has resulted in extremely low charges to the project for the use of company-owned equipment.

(5) Initial Rehabilitation and Repairs:

Not applicable to this contract.

(6) New Buildings, Improvements, etc.:

Not applicable to this contract.

(7) Miscellaneous: $636.55

All charges for payroll taxes and insurance were checked against the postings to the Plant Ledger and the supporting journal vouchers. Computations were spot checked. The following rates were in effect and being charged, in accordance with instructions from the Company's Central Accounting Office, to both Company and DMFA projects:

(a) Public Liability Insurance, effective with June, 1952, was $.05072 per $100 of insurable payroll (exclusive of overtime). Prior to June, 1952 the rate was $.05142.

(b) Workmen's Compensation Insurance was $.73 per $100 of insurable payroll (exclusive of overtime).

(c) Unemployment Insurance

Federal	$ .30
Vermont State	.80
Total per $100 of payroll	$1.10

(d) Social Security Tax, $1.50 per $100 payroll.

An audited summary of charges for payroll taxes and insurance follows:

Payroll Taxes (Social Security and Unemployment)	$389.31
Liability Insurance (and Compensation)	113.74

Transportation consists of mileage of company-owned motor vehicles used for transportation at six cents per mile in accordance with Exhibit "A". The mileage is shown on the Daily Time Sheets approved by J. K. Gilmore, Supervisor of Exploration. The mileage was spot checked, and computed and reconciliations made with monthly billings, which were made at the contract rate. A summary of the audited mileage charge follows:

Company-owned equipment 2,225 miles @ $.06	$133.50

IV CONCLUSIONS AND RECOMMENDATIONS

The audit has disclosed that all costs, as charged to this project, are reasonable and proper under the terms of the contract, including Exhibit "A".

The findings of this audit are on the assumption that the Regional Executive Officer, the Administrator, or other competent official has accepted the project work as having met the terms of the contract.

The audit disclosed that, while the total costs charged to the project are acceptable, certain adjustments between "Items of Costs" were necessary, in order to properly state the MF-104, as follows:

Items of Cost	Per September 1953 MF-104	As Amended
(1) Independent and Short Form Contracts		
Independent Contracts-Drilling	$33,885.55	$23,015.55
Agreed Unit Cost-Drilling		10,870.00
(2) Labor and Supervision		
Labor	14,085.66	14,085.66
Technical Services	4,004.46	4,004.46
(3) Operating Materials and Supplies		
Core Bits	3,720.26	3,720.26
Core Boxes	611.25	611.25
Gasoline	626.79	620.25
Core Barrels	271.67	271.67
Other	1,471.63	1,478.17

Items of Cost	Per September 1953 MF-104	As Amended
(4) Operating Equipment		
Depreciation	1,588.96	1,588.96
(7) Miscellaneous		
Payroll Taxes	389.31	389.31
Liability Insurance	113.74	113.74
Transportation	133.50	133.50
Totals	$60,902.78	$60,902.78

The audit also disclosed that the status, as of September 30, 1953, of the "allowable maximums" under this contract was as follows:

	Allowable Maximum	Total Costs	Balance
Subcontract Drilling	$24,000.00	$23,015.55	$ 984.45
Agreed Unit Cost Drilling 1/	12,467.22	10,870.00	1,597.22
Assistant Geologist	2,400.00	2,384.46	15.54
Mine Geologist	960.00	720.00	240.00
Consulting Geologist	1,200.00	900.00	300.00
Depreciation, Drill Rig, etc.	2,200.00	1,553.96	646.04
Depreciation, Tractor	300.00	35.00	265.00
Transportation	300.00	133.50	166.50

1/ While Amendment No. 3, which covered this item of work, provided for a maximum cost of $12,779.00, only $12,467.22 of the total contract amount of $62,500.00 remained unused, at time the Agreed Unit Cost Drilling was initiated.

At the conclusion of the audit the findings were discussed with Mr. M. J. Messel, General Superintendent, and Mr. Price Freeman, Cost Analyst. There were no disallowances made during the audit and the above costs are approved.

B. J. BREKHUS
Auditor

December 10, 1953

NOV 6 1953

Mr. K. A. Foster
Office Manager
The Ruberoid Company
Ryde Park, Vermont

Dear Mr. Foster:

Receipt is acknowledged of your letter of October 30, 1953, suggesting that we postpone the audit of your records pertaining to Exploration Project Contract [illegible], DEA-[illegible], and Exploration Project Contract [illegible], DEA-[illegible].

We have accordingly changed our audit schedule so that Mr. D. J. [illegible], our auditor representative, is scheduled to visit your office on or about December 2, 1953.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

FDTalbert/wb
November 6, 1953

Copy to: Docket
Admr. Reading File
Mr. Millar, Region VIII
Mr. Nauk
Mr. Chambers

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 31 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1953 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Hyde Park, Vermont
Contract Amount, $ 62,500.00 Government Participation: 90 % Amount, $ 56,250.00

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 Contracts:						
Drilling	2,584.82	31,300.73	33,885.55			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	---	14,085.66	14,085.66			
Supervision						
Technical Services	---	4,004.46	4,004.46			
(3) Operating Mat'ls. and Supplies:						
Core Bits	---	3,720.26	3,720.26			
Core Boxes	---	611.25	611.25			
Core Barrels	---	271.67	271.67			
Track						
Gasoline	---	626.79	626.79			
Other	---	1,471.63	1,471.63			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	---	1,588.96	1,588.96			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	---	389.31	389.31			
Liability Insurance	---	113.74	113.74			
Transportation	---	133.50	133.50			
(8) Contingencies (specify):						
TOTALS	2,584.82	58,317.96	60,902.78			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 10-12-53 *Payee The Ruberoid Co.
Per [signature] Title Gen'l Sup't

*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:

$ 2326.34

Signature R. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 12/30/53 Vou. No. DMEA-55
(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 286 in accordance with the terms of the contract.

Signature H. L. Burmeister Title Mining Eng. Date 10/28/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature N. A. Ellertson for W. T. MULLAR Title Executive Officer Date 10/28/53

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 M[illegible]04A
(April [illegible]2)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 31 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1953 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Hyde Park, Vermont

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract	Ft.	2584.82	740	38,908.28	9131	4.261	~~6000~~ 6,131, 3000	~~5.463~~ 3.493
Core Company	Ft.	---	---	21,994.50	6202.7	3.546	~~6000~~ 6,202.7	4.953
Auger								
Stripping								
Trenching					1.5 3.3			
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2584.82		60,902.78				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2584.82		60,902.78				62,500.00

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 10-12-53 Operator The Ruberoid Co.

By [signature] Title [signature]

REMARKS: Units authorized have been changed in accordance with Amend. No. 3

[signature]

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

Defense Minerals Administration
RECEIVED
OCT 1 1953

October 13, 1953

Mr. W. T. Miller - Executive Officer
U.S. Department of Interior
Defense Minerals Exploration Administration
Region VIII
College Park, Maryland

Contract IBM-E Docket 2080 - September 1953 Report

Dear Mr. Miller:

Attached please find report for September which includes cost of $2584.82.

This report concludes the drilling under Amendment #3 and the completion of the contract.

A final report covering this contract will be forwarded by the end of the month.

Very truly yours,

THE RUBEROID CO.

Michael J. Mascal
General Superintendent

cc:Mr. T. H. Dormody
Mr. C. T. Limerick

2 copies of Operator's Final Report
transmitted to W. O. - 12/14/53

Final Audit Made 12/1-2-3/53

NARRATIVE REPORT

DMEA 2080 CONTRACT E286

MONTH OF SEPT. 1951

One drill operated two shifts drilling hole T2-8 from 510 to 1250 feet. This completes the drilling under amendment No. 3. The following footage has been drilled.

Total feet this month	740
Previously drilled	2260
Total Feet	3000

Hole T2-8 showed very little fiber thru out. Only one short section from 900 feet to 1043 feet showed any consistent mineralization and this was below ore grade. The Vermont schist was encountered at 1205 feet.

A log of the hole is attached.

A final report covering this project is being prepared and we expect to forward it by the end of the month.

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 [illegible], 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $[illegible] Government Participation: [illegible]% Amount, $[illegible]

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 [redacted] Contracts:						
Drilling	[illegible]	[illegible]	[illegible]			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	—	[illegible]	[illegible]			
Supervision						
Technical Services	—	[illegible]	[illegible]			
(3) Operating Mat'ls. and Supplies:						
[redacted]	—	[illegible]	[illegible]			
[redacted]	—	[illegible]	[illegible]			
[redacted]	—	[illegible]	[illegible]			
Track						
[illegible]	—	[illegible]	[illegible]			
[illegible]	—	[illegible]	[illegible]			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	—	[illegible]	[illegible]			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	—	[illegible]	[illegible]			
Liability Insurance	—	[illegible]	[illegible]			
[illegible]	—	[illegible]	[illegible]			
(8) Contingencies (specify):						
TOTALS	[illegible]	[illegible]	[illegible]			

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

Date [illegible] *Payee [illegible]

Per [illegible] Title [illegible]

*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:

$ 3,721.95

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 9/30/53 Vou. No. DMEA-52
(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. DM-E-28.6 in accordance with the terms of the contract.

Signature Fred D Wright Title Mining Engineer Date Sept 18, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Mueller Title Executive Officer Date 9/21/53

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible] 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

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								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Churn	[illegible]	—	—	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		[illegible]		[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[illegible]		[illegible]				63,500

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 [illegible] Operator [illegible]

Per [illegible] Title [illegible]

REMARKS: [illegible]

1,092 ft @ 3.493 - 3,744.50
170 ft @ 2.30 - 391.00
Total - 4,135.50

→ 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

NARRATIVE REPORT
DMEA 2080 CONTRACT E286
MONTH OF AUGUST, 1953

One drill was operated two shifts on this project during the month. The following footage was completed.

Hole No.	From	To	Feet Drilled
T2-7	438	1000	562
T2-8	0	510	510
	Total feet this month		1072
	Previously drilled		1188
	Total feet to date		2260

Hole T2-7 intersected the Vermont schist at 928 feet or elevation 1120. The hole was continued to 1000 feet, but only a short 2' stringer of serpentine was encountered from 938' to 940'. Schist was probably encountered in this location due to folds. The serpentine from 25 feet to 928 feet showed very little fibre. A log of the hole and a log of hole T2-6, completed last month, are attached to this report.

Hole T2-8 was down 510 feet at the end of the month and showed very little fibre. The hole should be completed by the middle of September. This will complete the drilling under ammendment No. 3 of the contract.

Charges for casing in holes T2-6, T2-7, and T2-8, which have not been previously included, are being included in this months report and also additional charges for 90 feet of cementing required in hole T2-8.

A 200 scale progress map showing locations of the holes and sections including holes T2-7 and T2-8 are attached.

September 1[illegible], 1953

Mr. [illegible]. T. Millar - Executive Officer
U.S. Department of Interior
Defense Minerals Exploration Administration
Region VIII
College Park, Maryland

Contract 10[illegible]-[illegible]286 Docket 2080 - August - 1953 Report

Dear Mr. Millar:

Attached please find report for August which includes cost of $4,135.50.

This report includes in the above cost, charges for [illegible] feet of casing and [illegible]0 feet of cementing as per amendment - 3.

We trust that this report will be found in order.

Very truly yours,

[illegible]

Michael J. Kensel
General Superintendent

cc: Mr. T. H. Dermody
Mr. [illegible]. T. Limerick

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 July, 1953 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Hyde Park, Vermont
Contract Amount, $ 62,500.00 Government Participation: 90 % Amount, $ 56,250.00

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 Contracts:						
Drilling	3506.97	23,658.26	27,165.23			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	----	14,085.66	14,085.66			
Supervision						
Technical Services	----	4,004.46	4,004.46			
(3) Operating Mat'ls. and Supplies:						
Core Bits	----	3,720.26	3,720.26			
Core Boxes	----	611.25	611.25			
Core Barrels	----	271.67	271.67			
Track						
Gasoline	----	626.79	626.79			
Other	----	1,471.63	1,471.63			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	----	1,588.96	1,588.96			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	----	389.31	389.31			
Liability Insurance	----	113.74	113.74			
Transportation	----	133.50	133.50			
(8) Contingencies (specify):						
TOTALS	3506.97	50,675.49	54,182.46			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 8-7-53 *Payee The Ruberoid Co.

Per [signature] Title Gen'l Sup't

*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:

$ 3,156.27

Signature E. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 8/28/53 Vou. No. DMEA-50
(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-286 in accordance with the terms of the contract.

Signature W. L. Burmeister Title Mining Eng. Date 8/18/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. L. Burmeister acting for Title W. T. Millar Exec. Officer Date 8/18/53

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
RECEIVED
SEP 1953

Month of July 1953 Docket No. DMEA 2080 Contract No. 236
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Hyde Park, Vermont

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract	Ft.	3506.97	1004	32,187.96	7319	4.393	6000	3.463
Core ~~Shot~~ Company	Ft.	---	---	21,994.50	6202.7	3.546	3000	3.493
Auger							6000	4.953
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		3506.97		54,182.46				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		~~3506.97~~		~~54,182.46~~				~~52,500.00~~

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.

REMARKS: 62,500.

Date 8-7-53 Operator The Ruberoid Co.

Per [signature] Title [signature]

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

The RUBEROID Co.

HYDE PARK, VERMONT

For Attention *Date* August 12, 1953

Copy to *Reference*

Subject

NARRATIVE REPORT
DMEA 2080 CONTRACT M286
MONTH OF JULY 1953

One drill was operated two shifts on this project during the month. The following footage was completed:

Hole No.	From	To	Feet Drilled
T2-6	184	750	566
T2-7	0	438	438
Total feet this month			1004
Previously drilled			184
Total feet to date			1188

Hole T2-6, as previously reported, intersected schist at a depth of 654 feet. The hole was continued to 750 feet to make certain the schist encountered was not an inclusion. The entire 654' of serpentine was nearly barren. The location of T2-6 and the flat dipping contact eliminate the possibility of the ore zone encountered in T2-3 passing to the north or northwest. T2-7 was drilled from the same location as T2-6 at an angle of 71° to determine if the ore zone encountered in T2-3 was in a narrow shear zone dipping steeply and striking westerly or south westerly. Although the hole was down only 438 feet at the end of the month, it is now nearly completed and the core is nearly barren. If an ore body exists, T2-3 must be at the northwest end and it must extend to the southeast between T2-4 and T2-2 possibly widening out below these holes. If such is the case, a hole (T2-8) located at grid intersection 45N/44E and drilled to a depth of 1000 to 1250 feet should intersect the ore. Mr. W. T. Millar approved the location and depth for this hole in a telephone conversation today and it is hoped to complete T2-7 and start drilling T2-8 by August 20th.

A 200 scale progress map and sections through the drill holes are attached.

Form [redacted] (Rev.)
([redacted])

UNITED STATES
D[redacted]ARTMENT 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
JUL 30 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1953 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Hyde Park, Vermont
Contract Amount, $62,500.00 Government Participation: 90 % Amount, $56,250.00

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~~ Contracts:						
Drilling	642.71	23,015.55	23,658.26			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	----	14,085.66	14,085.66			
Supervision						
Technical Services	----	4,004.46	4,004.46			
(3) Operating Mat'ls. and Supplies:						
~~Bits~~ Core Bits	----	3,720.26	3,720.26			
~~Extra~~ Core ~~Boxes~~	----	611.25	611.25			
~~Bits~~ Core Barrels	----	271.67	271.67			
Track						
Gasoline	----	626.79	626.79			
Other	----	1,471.63	1,471.63			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	----	1,588.96	1,588.96			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	----	389.31	389.31			
Liability Insurance	----	113.74	113.74			
Transportation	----	133.50	133.50			
(8) Contingencies (specify):						
TOTALS	642.71	50,032.78	50,675.49			

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

Date 7-10-53 *Payee The Ruberoid Co.

Per [signature] Title Agent Supt

*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:

$ 578.44

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 7/28/53 Vou. No. DMEA-47
(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. /dm E286 in accordance with the terms of the contract.

Signature L. Beumann Title Mining Eng Date 7/20/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. T. Miller Title Executive Officer Date 7/20/53

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 ME-
(April 195[illegible])

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 30 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1953 Docket No. DMEA 2080 Contract No. 286

Operator's Name The Ruberoid Co. Minerals Asbestos

Address Hyde Park, Vt.

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								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract	Ft.	642.71	184	28,680.99	6315	4.542	6000	5.463
							3000	3.493
Core ~~xxx~~ Company	Ft.	----	---	21,994.50	6202.7	3.546	6000	4.953
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		642.71		50,675.49				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		642.71		50,675.49				62.500.00

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 7 - 10 - 53 Operator The Ruberoid Co.

Per [signature] Title [signature]

REMARKS: Additional footage under Amendment No. 3 of 3000 @ 3.493 plus Reaming, casing etc. $2.30 - Casing for June not included in above - Will be included in July cost.

→ 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

The RUBEROID Co.

HYDE PARK, VERMONT

For Attention *Date*

Copy to *Reference*

Subject

NARATIVE REPORT
DMEA 2080 CONTRACT E 286
MONTH OF JUNE 1953

About two weeks were required to move the drill and equipment into the location and actual drilling on hole T2-6 started the 26th of June. 184 feet were completed by the end of the month. There were 20 feet of overburden and casing was set to 30 feet. The core from 24 feet to 184 feet showed serpentine rock with a slight amount of slip fiber.

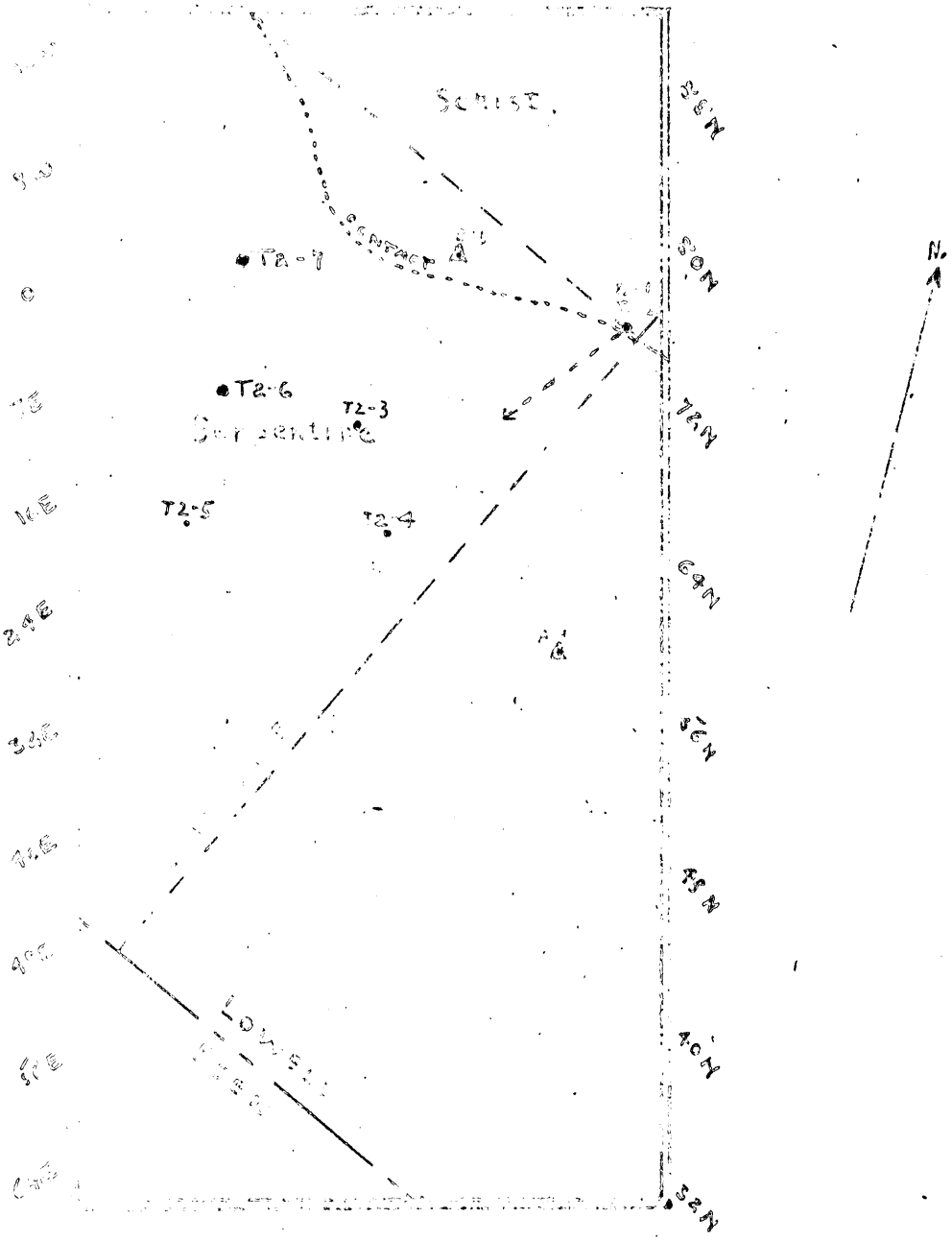
It is expected hole T2-6 will be completed to a depth of 700 feet around July 10th. The drill will then be moved to hole T2-7 at grid intersection 48N18E. It is probable that this contact will be intercepted by a vertical hole at this location. The dip is estimated at 60° to 80° to the S.W. The actual dip of the contact in this area is not known, but to the southeast it seems probable it is steep. Surface out crop to the N.W. indicate a somewhat flatter dip possibly between 50 and 70 degrees. Knowledge of the dip will be of value in locating future holes so it is planned to drill this hole to gain this information as well as testing the ground for valves. It is planned, therefore, to drill this hole to a depth of 1000 feet or until 50 feet of schist have indicated a definite contact.

A field party has been working in the area making a detailed study of the serpentine and the contact.

J. K. Gilmore

JKG/cl

July 6 1953



Form [redacted] Rev.)

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 May, 1953 Docket No. DMEA 2030 Contract No. 236
Operator's Name The Johnsrud Co. Minerals Asbestos
Address Hyde Park, Vermont
Contract Amount, $ 62,500.00 Government Participation: 90 % Amount, $ 56,250.00

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 [redacted] Contracts:						
Drilling	-	23085.55	23085.55			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	-	14015.66	14015.66			
Supervision						
Technical Services	30.00	374.46	404.46			
(3) Operating Mat'ls. and Supplies:						
[redacted] Core bits	-	3720.26	3720.26			
[redacted] Core boxes	-	621.25	621.25			
[redacted] Core [illegible]	-	271.69	271.69			
Track						
Gasoline	-	626.79	626.79			
Other	-	1471.63	1471.63			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	-	1539.96	1539.96			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	1.18	398.13	399.31			
Liability Insurance	.59	113.15	113.74			
Transportation	-	133.50	133.50			
(8) Contingencies (specify):						
TOTALS	31.77	4951.01	5032.78			

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

Date June 4, 1953 *Payee The Johnsrud Co.

Per [signature] Title Genl Sup't

*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:

$ 73.59

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 7/28/53 Vou. No. DMEA-47
(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 286 in accordance with the terms of the contract.

Signature [illegible] Burmeister Title Mining Eng Date 6/23/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. T. Miller Title Executive Officer Date 6/23/53

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 [redacted]

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 May 1953 Docket No. DMEA 2000 Contract No. 286

Operator's Name The Johnson Co.

Address Hyde Park, Vermont

Minerals Asbestos

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								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract	Ft.	-	-	28038.28	5131	4.573	6000	5.463
Core Company Churn	Ft.	81.77		21994.50	[illegible]	3.566	6000	4.953
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		81.77		50032.78				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		81.77		50032.78				[illegible]

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 June 4, 1953 Operator The Johnson Co.

Per [signature] Title Treasurer

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

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

June 24, 1953

Memorandum

To: George C. Selfridge, Chairman, DMEA Operating Committee

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Operator's Monthly Report - May 1953
The Ruberoid Company, Hyde Park, Vermont
Contract Idm-E286, Docket DMEA-2080 - (Asbestos)

Enclosed are two copies of the progress report for May from the Ruberoid Company for contract Idm-E286.

No costs have been approved, see our letter of June 24, to Mr. Michael J. Messel, General Superintendent, The Ruberoid Co.

W. T. Millar

W. T. Millar

Enclosures - 2

College Park, Maryland

June 24, 1953

Mr. Michael J. Messel
General Superintendent
The Ruberoid Company
Hyde Park, Vermont

Subject: Docket DMEA-2080
Contract Ids-E286

Dear Mr. Messel:

We are informed by the Auditing Division that the costs submitted under the above contract for technical services for the months of January, February, March, April and May 1953 are not allowable.

These costs were in no way related to the work completed in December 1952 when one of the limiting factors of the contract, namely, maximum allowed footage, was reached. Having attained this maximum, any costs not related to the completed work are not chargeable to the contract. Amendment No. 3 has no bearing on the above as it was not executed nor is any cost allowed other than on a unit cost basis as is specified in the amendment.

The amounts not allowed are itemized as follows:

January	-	Technical	Services	$281.16
February	-	"	"	211.16
March	-	"	"	219.19
April	-	"	"	234.03
				$945.54

The Finance Officer suggests the following method be applied to the first report submitted for operations under Amendment No. 3: On Form MF-104 report under "Drilling" the total on the unit cost basis. After "Technical Services" write "minus" and insert $945.54, which may be substracted from the amount of unit cost drilling and the remainder recorded as a total at the bottom of the form. Note this total does not include technical services for May, which were disallowed.

Bear in mind that this will affect your totals previously reported for technical service and totals to date on Form MF-104 and unit costs and costs to date on Form MF-104A.

Very truly yours,

W. T. Millar, Executive Officer
Bureau-Survey Field Team
DMEA, Region VIII

WTM:HLBurmeister:rwa

copies for GeoCSelfridge ✓
FRKantner
DMEA Files 2

C
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Y

The RUBEROID CO.
Hyde Park, Vermont

June 9, 1953

Mr. W. T. Millar, Executive Officer
U. S. Dep't of Interior
Defense Minerals Exploration Administration
Region VIII
College Park, Maryland

CONTRACT IDM-E-286 DOCKET 2080
MAY REPORT

Dear Mr. Millar:

Attached please find report for May which includes cost of $81.77.

We are having Joy Manufacturing Company start on the additional drilling which you have approved and we will keep you informed of the progress.

Yours truly,
The RUBEROID COMPANY

/s/ Michael J. Messel
General Superintendent

MJM:p

Enc.

D. M. E. A.

#2080
May 1953

STATUS OF ALLOWABLE MAXIMUM

	Contract Amount	Cost thru May 31, 1953	Balance Available
Sub-Contract Drilling	$24,000.00	$23,015.55	$984.45
Assistant Geologist	2,400.00	2,384.46	15.54
Mine Geologist	960.00	720.00	240.00
Consulting Geologist	1200.00	900.00	300.00
Depreciation - Drill Rig, etc.	2,000.00	1,553.96	446.04
Depreciation - Tractor	300.00	35.00	265.00
Transportation	300.00	133.50	166.50

NARRATIVE REPORT

DMEA 2080 Contract H286

Month of May 1953

There is no progress to report for the month of May.

Drilling is expected to start on hole TR-6 during the month of June. The hole will be drilled vertical at the grid intersection 16E/4N and will be drilled to a depth of 700 feet. In the event the hole is still in ore at this depth approval will be requested to continue the hole.

COPY

The RUBEROID Co.
Hyde Park, Vermont

June 29, 1953

Mr. W. T. Millar, Executive Officer
Bureau Survey Field Team Region VIII
Defense Minerals Exploration
College Park, Maryland

DOCKET DMEA - 2080
CONTRACT IDM - E286

Dear Sir:

This will acknowledge your letter of June 24th regarding disallowance of technical services in the amount of $937.54 for the months of Jan., Feb., March and April 1953 due to the maximum drilling footage being reached, even though the maximum set up for technical services was not exceeded. We do not agree with this disallowance for the following reasons:

(a) When we set up the charges for technical services they were set up on a prorated basis per month to cover the life of the contract which is 1/2 time of our geologist.

(b) The core, after drilling is completed, has to be logged, mapped and drawn up to form eventually a part of the final report and this work cannot stop when the drilling is completed, it has to be done afterwards.

(c) Where you mentioned that in our narrative reports we said the geologist was working on future drilling, we meant that the previous work had to be reviewed, mapped and interpreted so that future drilling could/properly mapped out for your approval before asking for the amendment for the additional drilling.

Frankly, our geologist devoted his time to work on this contract which has to be done after drilling is completed and we feel the charges are justified and in no way violate the contract or the maximum set up.

We request these charges be allowed.

Yours very truly,
THE RUBEROID COMPANY

/s/ Michael J. Messel
General Superintendent

MJM:p

Mr. Millar on July 6, 1953 stated that he concurred with this explanation & considered the costs in question as being necessary.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 30 1953

July 29, 1953

Memorandum

To: Jay L. Chambers, Chief, Contract Administration and Audit Division

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket DMEA-2080 - (Asbestos)
The Ruberoid Company, Hyde Park, Vermont
Contract Idm-E286

Returned herewith are the two copies of the May progress report (Forms MF-104 and MF-104A) and attachments, which were forwarded to us with your letter of July 22.

This report has been certified for payment by the Finance Officer, DMEA, Region VIII.

W. T. Millar

W. T. Millar

Enclosures 2

JUL 22 1953

Mr. W. T. Millar
Executive Officer
DMEA Field Team, Region VIII
Eastern Experiment Station
College Park, Maryland

Re: Idm-E286, DMEA-2080
The Ruberoid Company

Dear Mr. Millar:

In accordance with your telephone request of July 22, 1953, there are returned herewith two copies of the May MF-104 and attachments for the above referenced project.

Sincerely yours,

/S/ E. J. Talbert

Jay L. Chambers, Chief
Contract Administration
and Audit Division

Enclosures

AMAlley/ama
July 22, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 21 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1953 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Hyde Park, Vermont
Contract Amount, $ 62500.00 Government Participation: 90 % Amount, $ 56250.00

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 Contractors:						
Drilling	-	23015.55	23015.55			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	-	14085.66	14085.66			
Supervision						
Technical Services	228.94	3695.52	3924.46			
(3) Operating Mat'ls. and Supplies:						
Core bits	-	3720.26	3720.26			
Core heads	-	611.25	611.25			
Core barrels	-	271.67	271.67			
Track						
Casing	-	626.79	626.79			
Other	-	1471.63	1471.63			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	-	1588.96	1588.96			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	3.37	304.76	308.13			
Liability Insurance	1.72	111.43	113.15			
Transportation	-	133.50	133.50			
(8) Contingencies (specify):						
TOTALS	234.03	44716.98	44951.01			

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

Date May 8, 1953 *Payee The Ruberoid Co.

By Marshall Dimmond Title Genl Sup't

*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:

$ 210.63

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 5/19/53 Vou. No. DMEA-40
(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 286 in accordance with the terms of the contract.

Signature H. L. Burmeister Title Min. Eng. Date 5/18/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. T. Miller Title Executive Officer Date 5/18/53

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
MAY 21 1953

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

Month of April 1953 Docket No. DMEA 2090 Contract No. 286
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Lyndonville, Vermont

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract	Ft.	-	-	28038.28	6131	4573	6000	5.463
Core Common Company	Ft.	234.03	-	21912.73	6202.7	3533	6000	4.953
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		234.03		49951.01				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		234.03		49951.01				68500.00

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 May 8, 1953 Operator The Ruberoid Co.

Per Michael J. [illegible] Title Real Sgt

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

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

D. M. E. A.

2050

April 1953

Status of Allowable Maximum

	Contract Amount	Cost thru April 30, 1953	Balance Available
Sub. Contract Drilling	$24,000.00	$23015.55	$984.45
Assistant Geologist	2400.00	2384.46	15.54
Mine Geologist	960.00	640.00	320.00
Consulting Geologist	1200.00	900.00	300.00
Depreciation - Drill Rig etc.	2000.00	1553.36	446.64
" Trucks	300.00	35.00	265.00
Transportation	300.00	133.50	166.50

MANAGEMENT REPORT

D N R A [illegible] Contract [illegible]

Month of April 1963

There was no drilling on this project during the month of April, since we are awaiting action on our request for additional drilling in this area.

The Assistant Geologist has been engaged in surveying in the location of the proposed drill holes in area No. 3 (tower 2), in preparation for this additional work.

Form MF-134 (Rev.)
(April 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
APR 17 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1953 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Asbestos Co. Minerals Asbestos
Address Hyde Park, Vermont
Contract Amount, $ [illegible] Government Participation: 90 % Amount, $ 50850.00

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 Contractors:						
Drilling	—	23085.55	23085.55			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	—	21085.66	21085.66			
Supervision						
Technical Services	206.54	3488.98	3695.52			
(3) Operating Mat'ls. and Supplies:						
Timber Core Bits	—	3720.26	3720.26			
Explosives Core Boxes	—	611.25	611.25			
Pipe Core Barrels	—	271.67	271.67			
Track						
Gasoline	—	826.79	826.79			
Other	—	2471.63	2471.63			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	—	1588.96	1588.96			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	3.11	381.65	384.76			
Liability Insurance	1.54	189.89	191.43			
Transportation	—	133.50	133.50			
(8) Contingencies (specify):						
TOTALS	211.19	45505.79	45716.98			

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

Date April 8, 1953 *Payee The Asbestos Co.

Per [signature] Title Gen'l Supt

*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:

$ 190.07

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 4/16/53 Vou. No. DMEA-35
(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 286 in accordance with the terms of the contract.

Signature [illegible] Title Min. Engr. Date 4/13/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Miller Title Executive Officer Date 4/13/53

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 17 1953

Month of March 1953 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Ryde Park, Vermont

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract	Ft.	--	--	28038.28	6131	4.573	6000	5.463
Churn Core Sub Company	Ft.	221.19	--	21678.70	4402.7	3.493	6000	4.953
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		221.19		49716.98				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		221.19		49716.98				62500.00

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 April 8, 1953 Operator The Ruberoid Co.

Per [signature] Title Seal Engr

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

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

NARRATIVE REPORT
IDEA 2000 CONTRACT [illegible]
MONTH OF March 1973

No drilling was done and no field portion were engaged on this project during the month.

Work on this project is at present waiting action on our request for additional drilling. Information requested regarding this request has been given to the Geological Survey at Montpelier and we are forwarding a letter summarizing our justification for this additional work to the Executive Officer.

B. M. E. A.
2080

March - 1953

Status of Allowable Maximum

	Contract Amounts	Cost Thru March 31, 1953	Balance Available
Sub-Contract Drilling	$[illegible]	$[illegible]5.55	$[illegible]
Assistant Geologist	$[illegible]	$155.[illegible]	$[illegible]
Mine Geologist	[illegible]	[illegible]	[illegible]
Consulting Geologist	[illegible]	[illegible]	[illegible]
Depreciation - Drill Rig Etc:	[illegible]	1553.96	[illegible]
" - Tractor	[illegible]	35.00	[illegible]
Transportation	[illegible]	133.50	166.50

April 8, 1953

Mr. W. T. Miller, Acting Executive Officer
U. S. Department of Interior
Defense Minerals Exploration Administration
Region VIII
College Park, Maryland.

Contract DMA-R-266 Invoice 3080 - March - 1953 Report

Dear Mr. Miller:

Attached please find report for March which includes cost of $213.39.

We trust that this report will be found in order.

Very truly yours,

The [illegible] Co.

Michael J. Hassel
General Superintendent

MJH/el

cc: Mr. T. H. Kennedy
Mr. E. T. Limerick

Form MF-194 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R1036.8
Approval expires 6-30-53
Defense Minerals Administration
RECEIVED
APR 2 1953

Month of [redacted], 1953 Docket No. DMEA [redacted] Contract No. [redacted]
Operator's Name [redacted] Minerals [redacted]
Address [redacted]
Contract Amount, $ [redacted] Government Participation: 90 % Amount, $ [redacted]

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 Contracts: [redacted]						
Drilling	—	[redacted]	[redacted]			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	—	[redacted]	[redacted]			
Supervision						
Technical Services	[redacted]	[redacted]	[redacted]			
(3) Operating Mat'ls. and Supplies:						
[redacted]	—	[redacted]	[redacted]			
[redacted]	—	[redacted]	[redacted]			
[redacted]	—	[redacted]	[redacted]			
Track						
[redacted]	—	[redacted]	[redacted]			
[redacted]		[redacted]	[redacted]			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	—	[redacted]	[redacted]			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	[redacted]	[redacted]	[redacted]			
Liability Insurance	[redacted]	[redacted]	[redacted]			
[redacted]	—	[redacted]	[redacted]			
(8) Contingencies (specify):						
TOTALS	[redacted]	[redacted]	[redacted]			

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

Date [redacted] *Payee [redacted]

Per [redacted] Title [redacted]

*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:

$ 190.04

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 3/31/53 Vou. No. DMEA-33
(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. Idm E 286 in accordance with the terms of the contract.

Signature N. A. Zilestein Title Mining Engineer Date March 20 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature N. P. Miller Title Executive Officer Date March 20, 1953

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
APR 2 1953

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

Month of [redacted] 195[redacted] Docket No. DMEA [redacted] Contract No. [redacted]
Operator's Name [redacted]
Minerals [redacted]
Address [redacted]

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								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		[redacted]		[redacted]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[redacted]		[redacted]				[redacted]

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 [redacted] Operator [redacted]

Per [signature] Title [signature]

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

March 6, 1953

Mr. W. T. Miller, Acting Executive Officer,
U. S. Department of Interior
Defense Minerals Exploration Administration,
Region VIII
College Park, Maryland.

Contract DMA-8-886 Budget 8000 - February - 1953 Report

Dear Mr. Miller:

Attached please find report for February which includes cost of $[illegible].

We trust that this report will be found in order.

Very truly yours,

The [illegible] Co.

Michael J. Mazzal
General Superintendent

MJM/al

cc: Mr. T. M. Dunady
Mr. C. T. Kimmick

D. M. E. A.
2080

February 1953

Status of Allowable Business

	Contract Amount	Cost thru Feb. 28, 1953	Balance Available
Sub-Contract Drilling	[illegible]	[illegible]	[illegible]
Assistant Geologist	[illegible]	[illegible]	[illegible]
Mine Geologist	[illegible]	[illegible]	[illegible]
Consulting Geologist	[illegible]	[illegible]	[illegible]
Depreciation - Drill Rig etc.	[illegible]	[illegible]	[illegible]
" Trailer	[illegible]	[illegible]	[illegible]
Transportation	[illegible]	[illegible]	[illegible]

NARRATIVE REPORT

D. M. E. A. 2080 Contract 286

Month of February 1953

March 16, 1953

There was no drilling on this project during the month of February since the 12,000 feet originally granted by the contract was reached and exceeded in the month of December with the completion of hole N-33.

If future drilling as recommended in our Summary Report of Progress is granted, we will resume drilling as soon as the weather permits.

During the month of February the Assistant Geologist has been engaged in compiling geological data on Area No. 3, in anticipation of future field work and drilling.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 26 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of [redacted], 195[redacted] Docket No. DMEA [redacted] Contract No. [redacted]
Operator's Name [redacted] Minerals [redacted]
Address [redacted]
Contract Amount, $[redacted] Government Participation: [redacted] % Amount, $[redacted]

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 Contracts: [redacted]						
Drilling		[redacted]	[redacted]			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor		[redacted]	[redacted]			
Supervision						
Technical Services	[redacted]	[redacted]	[redacted]			
(3) Operating Mat'ls. and Supplies:						
[redacted]		[redacted]	[redacted]			
[redacted]		[redacted]	[redacted]			
[redacted]		271.67	271.67			
Track						
[redacted]		[redacted]	[redacted]			
[redacted]		[redacted]	[redacted]			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		[redacted]	[redacted]			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	[redacted]	[redacted]	[redacted]			
Liability Insurance	[redacted]	[redacted]	[redacted]			
[redacted]		[redacted]	[redacted]			
(8) Contingencies (specify):						
TOTALS	[redacted]	[redacted]	[redacted]			

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

Date [redacted] *Payee [redacted]

Per J. M. Rotter Title Asst. Gen. Supt.

*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:

$ 253.04

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 2/24/53 Vou. No. DMEA-26
(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-286 in accordance with the terms of the contract.

Signature W. L. Turnwestedt Title Mining Eng. Date 2/18/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Miller Title Acting Exec. Officer Date 2/18/53

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
FEB 2 0 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [redacted] 195[redacted] Docket No. DMEA [redacted] Contract No. [redacted]
Operator's Name [redacted] Minerals [redacted]
Address [redacted]

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								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core [redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		[redacted]		[redacted]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[redacted]		[redacted]				[redacted]

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 [redacted] Operator [redacted]

Per J. M. Cotter Title Asst. Gen. Supt.

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. M. E. A.

2000

Status of Allowable Maximum

	Contract Amount	Cost thru Jan. 31, 1953	Balance Available
Sub-Contract Drilling	$[illegible]	$[illegible]	$[illegible]
Assistant Geologist	2400.00	1742.44	657.56
Mine Geologist	960.00	460.00	500.00
Depreciation-Drill Bldg. etc.	2000.00	1553.96	446.04
" Tractor	300.00	35.00	265.00
Transportation	300.00	133.50	166.50
Consulting Geologist	1500.00	500.00	300.00

NARRATIVE REPORT
D. M. R. A. 2000 Contract 8286

Month of January 1953

There was no drilling on this project during the month of January since the 12,000 feet originally estimated was reached in the month of December with the completion of hole T-33. This hole was reported on in the December Narrative Report. If permission is granted to continue drilling in area No. 3 (Tower 2), as recommended in our Summary Report of Progress submitted last month, we will resume drilling as soon as the weather permits.

Due to the severe winter weather conditions, we have found it impractical to have field parties operating at this time of the year. For this reason, we have had no field parties engaged on this project this month.

During the past month the exploration staff has been engaged in compiling data on Area No. 3 in anticipation of future field work and drilling in this area.

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
Defense Minerals Administration
RECEIVED
JAN 30 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1952 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Hyde Park, Vermont
Contract Amount, $62,500.00 Government Participation: 90 % Amount, $56,250.00

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 Contracts:						
Drilling	3750.00	19,265.55	23,015.55			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	139.29	13,946.37	14,085.66			
Supervision						
Technical Services	484.15	2,522.94	3,007.09			
(3) Operating Mat'ls. and Supplies:						
Core Bits		3,720.26	3,720.26			
Core Boxes		611.25	611.25			
Core Barrels	165.30	106.37	271.67			
Track						
Gasoline		626.79	626.79			
Other	2.55	1,469.08	1,471.63			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation		1,588.96	1,588.96			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	4.64	370.17	374.81			
Liability Insurance	2.34	103.96	106.30			
Transportation	3.96	129.54	133.50			
(8) Contingencies (specify):						
TOTALS	4552.23	44,461.24	49,013.47			

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

Date 1-16-53 *Payee The Ruberoid Co.

Per [signature] Title [signature]

*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:

$4,097.01

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 1/29/53 Vou. No. DMEA-24
(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-286 in accordance with the terms of the contract.

Signature J. L. Burmeister Title Mine Engr. Date 1/21/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Miller Title Acting Exec. Officer Date 1/21/53

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 30 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [redacted] 195[redacted] Docket No. DMEA [redacted] Contract No. [redacted]
Operator's Name [redacted] Minerals [redacted]
Address [redacted]

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core [redacted]	Ft.	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	Ft.			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		[redacted]		[redacted]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[redacted]		[redacted]				[redacted]

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.

REMARKS: [redacted]

Date [redacted] Operator [redacted]

Per [signature] Title [signature]

→ 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

copy for:
GeoCSelfridge
Rm 4624-Interior

January 17, 1955

Mr. Mahlmary Mosier, Executive Officer,
U. S. Dept. of Interior,
Defense Minerals Exploration Administration,
Region VIII,
College Park, Maryland

Contract DMEA - R286 - Docket 2080 - December Report

Dear Mr. Mosier:-

Attached please find report for December which includes a cost of $4,562.23. The technical report is also attached.

I am also attaching report requesting re-allocation of funds without exceeding contract maximum for 3,000 to 3,500 feet of further drilling in Area No. 3 (Tower 2) where one hole has indicated some fibre bearing serpentine of ore grade. We feel this would be of much more value than drilling the so-called magnetometer areas where possibilities are rather poor.

I should, therefore, appreciate your approval of this so that further drilling can be carried on next spring soon as weather permits.

Very truly yours,

The RUBEROID Co.

Michael J. Mossal
General Superintendent

MJM:vv

cc: Mr. G. T. Limerick
Mr. T. H. Dermody
Mr. J. K. Gilmore

D M E A
2020

Status of Allowable Maximum

	Contract Amount	Cost thru Dec. 31, 1958	Balance Available
Sub-Contract Drilling	24,000.00	[illegible]	[illegible]
Assistant Geologist	2,400.00	1,547.09	852.91
Mine Geologist	960.00	560.00	400.00
Consulting Geologist	1,200.00	900.00	300.00
Depreciation- Drill Rig, etc.	2,000.00	1,553.96	446.04
" - Tractor	300.00	35.00	265.00
Transportation	300.00	133.50	166.50

NARRATIVE REPORT
DNRA 2060 CONTRACT [illegible]
MONTH OF DECEMBER 1952

Only one drill, operated by a contractor, was active on this project during the month. Hole T-55 was completed to a depth of 1000 feet. The core showed only a few centimeter veins of slip fibre. No 10 foot section would yield over 0.5%. A log of the hole and Progress Map 1 showing its location are attached to this report.

Due to winter weather no field parties were engaged on the project. There is now 2 to 4 feet of snow on the mountain and field work and drilling will be suspended until spring.

A summary report of progress to date on this project is being forwarded together with a request for permission to drill an additional 2000 to 2500 feet. The additional footage will not increase the total cost of the project.

SUMMARY REPORT OF PROGRESS & RECOMMENDATIONS
RFCA 1088 - CONTRACT 1886 - Jul. 15, 1953

To date a total of 12,113.7 feet have been drilled on this project. Of this, 7 holes totaling 6,131 feet were completed by a sub-contractor and 18 holes, totaling 6,302.7 feet were completed by company operated machines.

In Area No. 1, the "T" Area, results from the early drilling, while below ore value, were very encouraging. Drilling was continued until 13 holes, totaling 3,611.7 feet were completed. Drilling in an area of this size will frequently show more variation and it was expected that some sections might show considerably lower values while another might be sufficiently high to block out a section of ore. The 13 holes, together with others drilled previously showed a very consistent low grade fibre bearing area which cannot be classed as ore.

Two additional holes, each 1,000 feet deep, were drilled in the northern corner of the area. These exploratory holes were drilled after 5 holes in Area No. 2, had shown no encouragement. They were located midway between the abandoned Mine Quarry where 6,000,000 tons had been mined and the "T" area. It was thought possible an extension of ore of the mineralized areas might be found or a connection between the two. Both holes, however, showed very little fibre.

In Area No. 2, the Brown Lot-Quarry Area, 5 holes totaling 4,111 feet were drilled. These holes were drilled to look for extensions in depth of the mineralized area of the abandoned Mine Quarry. The serpentine in all 5 holes was nearly barren. Three of the holes bottomed in serpentine schist indicating the serpentine mass was thinning out in this area. Contacts were mapped in more detail to the northwest and previous drilling there, together with the information from the 5 holes, indicated only remote possibilities of ore. Only small tonnages could be expected at best. There was no possibility of a sizable ore body.

In Area No. 3, the Tower #2 Area, 5 holes were drilled, totaling 2,591 feet. One hole, T2-3, intercepted an ore section of 239 feet, averaging $4.30/ton of ore. Holes T2-4 and T2-5 were drilled to see if this zone extended southeast or northwest. Drilling was stopped due to winter weather. The ore zone could extend to the west, northwest, or north and drilling to check this is proposed.

In Area No. 4, the magnetometer area, no drilling was done. Previous drilling in this area showed a very highly sheared serpentine with extremely short talcose fibre. Four holes milled showed values of $1.65, $1.07, $.96 and $.78 per ton of ore. Geological study this summer indicates a series of small anticlines and synclines in the schists in the valley bottom. This thesis is borne out further by the number of small serpentine masses in this area, several more of which have been indicated by the magnetometer and are composed entirely of talc-grit outcropping. If this thesis is correct, probably all of these masses are highly sheared and considerable alteration to talc grit should be expected. This area is located in the valley bottom and nearly all of the masses are buried under 100' to 150' of silt and glacial material. If ore existed it would have to be mined by underground methods and a higher value per ton would be required to classify material as ore. For these reasons, it was felt the chances of favorable results were better in the other areas and drilling has been concentrated there.

Although the 12,000 feet originally estimated has been completed, sufficient funds remain for an additional 3,000 to 3,500 feet of drilling without exceeding any of the allowable maximums or the total estimated cost of the project. A table showing the estimated costs of this additional drilling together with the original amounts estimated and the approximate amounts expended to Nov. 1lst, is attached.

We recommend, therefore, and request permission to drill 4 to 6 holes, totalling 3,000 to 3,500 feet in Area No. 3, the No. 2 Tower Area. Depth of the holes would be 500 to 1,000 feet. Possible locations of 5 holes are indicated on

Program Map 7, which is attached. T2-6 would be drilled first and actual location of the other holes would depend on results.

Final drill footage in the various areas would be as follows:

Area No. 1	The "T" Area		5611.7 ft.
No. 2	Brown Lot or Eden Quarry		4131.0 ft.
No. 3	Tower 2 Area	5591 to 6091	ft.
No. 4	Magnetometer Area		None
	Totals	15333 to 15833	ft.

	Original Estimate Dollars	Approximate amount expended thru Dec. 31/52 Dollars	Amount Remaining Dec. 31/52 Dollars	Estimated requirements for additional 3000' - 3500' Drilling Dollars
(1) Independent Contracts				
Diamond Drilling on Sub-contract	24,000	23,016	984	———
(2) Labor Supervision, Consultants:				
Drill Operators	7,584	7,499	85	3,498
Foremen	5,836	4,467	1,369	2,782
General Laborers	5,568	2,117	3,451	988
Assistant Geologist	2,400	1,547	853	853
Mine Geologist	960	560	400	400
Compensation Ins., Soc. Security, Unemployment Ins.	782	485	297	162
Consulting Geologist	1,200	900	300	300
(3) Operating Materials & Supplies:				
Drill Bits	5,250	3,679	1,571	2,039
Core Barrels, Liners, etc.	1,280	271	969	135
Pipe, casing, power and maintenance supplies, tools, core boxes, office supplies, etc.	4,900	2,751	2,149	1,576
(4) Operating Equipment:				
Depreciation-Drills & Equip.	2,200	1,554	911	800
" Tractor	300	35		
(5) Transportation:	300	133	167	67
Totals	62,500	49,014	13,485	13,485

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 3 - 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of [redacted], 1952 Docket No. DMEA [redacted] Contract No. [redacted]
Operator's Name [redacted] Minerals [redacted]
Address [redacted]
Contract Amount, $ [redacted] Government Participation: [redacted] % Amount, $ [redacted]

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 [redacted] Contracts:						
Drilling	[redacted]	[redacted]	[redacted]			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	[redacted]	[redacted]	[redacted]			
Supervision						
Technical Services	[redacted]	[redacted]	[redacted]			
(3) Operating Mat'ls. and Supplies:						
[redacted]	[redacted]	[redacted]	[redacted]			
[redacted]	—	[redacted]	[redacted]			
[redacted]	—	[redacted]	[redacted]			
Track						
[redacted]	[redacted]	[redacted]	[redacted]			
[redacted]	[redacted]	[redacted]	[redacted]			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	[redacted]	[redacted]	[redacted]			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	[redacted]	[redacted]	[redacted]			
Liability Insurance	[redacted]	[redacted]	[redacted]			
[redacted]	[redacted]	[redacted]	[redacted]			
(8) Contingencies (specify):						
TOTALS	[redacted]	[redacted]	[redacted]			

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

Date [redacted] *Payee [redacted]

Per [redacted] Title [redacted]

*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:

$ 3178.91

Signature _____
(Authorized Certifying Officer)

Date 12/30/52 Vou. No. DMEA-18

(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-286 in accordance with the terms of the contract.

Signature W. L. Burmeister Title Min. Eng. Date 12/12/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. F. Miller Title Deputy Exec. Officer Date 12/12/52

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 MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 3 - 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible], 1952 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core [illegible]	ft.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Core [illegible] Company	ft.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		[illegible]		[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[illegible]		[illegible]				[illegible]

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 [illegible] Operator [illegible]

Per [illegible] Title [illegible]

REMARKS: [illegible]

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

COPY

December 10, 1952

Mr. W. T. Millar, Acting Executive Officer
U. S. Dept. of Interior,
Defense Minerals Exploration Administration,
Region VIII,
College Park, Maryland

Contract IDMA-E286 - Docket 2080 - Nov. Report

Dear Mr. Millar:

Attached please find Nov. 1952 report on the above project which includes a cost of $3,532.12.

Attached also is technical report for November, and we are now drilling our last hole for this season on this project.

Under separate letter we are also requesting a reallocation of funds for further drilling next spring when the weather conditions permit.

Total of this contract was for $62,500. and a total of $44,461.23 has been spent to the end of November.

Very truly yours,

The RUBEROID Co.

Michael J. Messel
General Superintendent

MJM:vv

cc: Mr. S. T. Limerick
Mr. T. H. Dermody

D. M. E. A. 2082

STATUS OF ALLOWABLE BALANCES

	Contract Amount	Cost thru Nov. 30, 1952	Balance Available
Sub-Contract Drilling	$24,000.00	$19,265.55	$4,734.45
Assistant Geologist	2,400.00	1,362.96	1,037.04
Mine Geologist	960.00	560.00	400.00
Consulting Geologist	1,200.00	600.00	600.00
Depreciation -- Drill rig, etc.	2,600.00	1,553.96	1046.04
" Tractor	300.00	35.00	265.00
Transportation	300.00	129.54	170.46

NARRATIVE REPORT
DMEA 2080 CONTRACT E286
MONTH OF NOVEMBER, 1952

One drill was operated by the Ruberoid Co. two shifts per day for one half of the month. Hole T2-5 was completed at a depth of 734'. The drill was then taken off work on this project for the winter.

Hole T2-5 showed a little slip fibre but no sections of ore value. A log of the hole and Progress Map 7 showing its location is attached to this report.

One drill was operated by a contractor two shifts per day during the month. Hole T-32 was completed at a depth of 1,000'. Equipment was moved to location T-33, 800' to the northeast. This hole will be drilled to a depth of 1,000'.

Hole T-32 showed only very scattered veins of short slip fibre. No section would yield over 0.5%. The log of the hole and Progress Map 1 showing its location are attached to this report.

No field parties were engaged on this project during the month.

DIAMOND DRILL FOOTAGE
DMEA 2080 CONTRACT E286
MONTH OF NOVEMBER, 1952

Hole No.	From Ft.	To Ft.	Feet Drilled This Month	Unit Price	Total Cost
Contract Drilled Holes:					
T-32	528	1,000	472	$3.75	$1,770.00
Company Drilled Holes:					
T2-5	627	734	107		

Total Feet This Month	579	
Total Previously Drilled		10754.7
Total to Date		11333.7

December 12, 1952

Report of Operation during November 1952
By H. L. Burmeister, Engineer

Operator:	The Ruberoid Company, Vermont Asbestos Mines, Hyde Park, Vermont
Docket No.:	DMEA-2080
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.
Government Participation:	90% or $56,250.
Duration of Contract:	15 months - from April 1, 1952 to July 1, 1953

One diamond drill was operated by the Ruberoid Company during November. Hole T2-5 was drilled from 627 feet to 734 feet. The core is estimated to contain less than one percent asbestos. This drill will not operate the remainder of the winter months.

One sub-contract drill operated two shifts per day during November on Hole T-32 which was drilled from 528 to bottom at 1,000 feet. The asbestos content of the entire hole is estimated at less than one percent. At the close of the month the drill was moved 800 feet northeast of T-32 to the location of T-33. Hole T-33 will be drilled to 1000 feet.

Of the 12,000 feet of drilling authorized by the contract, there remains on November 30, 1952, 666.3 feet to be drilled.

H. L. Burmeister
Mining Engineer

College Park, Md.
December 15, 1952

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

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

Defense Minerals Administration

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1952 Docket No. DMEA 2080 Contract No. 206
Operator's Name The Ruberoid Co. Minerals asbestos
Address Hyde Park, Vermont
Contract Amount, $ 62,500.00 Government Participation: 90 % Amount, $ 56,250.00

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 Contracts:						
Drilling	6834.30	10,661.25	17,495.55			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1791.61	11,152.72	12,944.33			
Supervision						
Technical Services	288.32	1,960.31	2,248.63			
(3) Operating Mat'ls. and Supplies:						
Core bits	245.51	3,425.86	3,671.37			
Core boxes	187.50	423.75	611.25			
Core barrels	106.37	—	106.37			
Pipe						
Track						
Gasoline	57.35	494.90	552.25			
Other	72.50	1,194.40	1,266.90			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	227.23	1,254.11	1,481.34			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	43.49	303.84	347.33			
Liability Insurance	12.55	82.71	95.26			
Transportation	44.40	64.14	108.54			
(8) Contingencies (specify):						
TOTALS	9911.13	31,017.99	40,929.12			

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

Date 11-1-52 *Payee The Ruberoid Co.

Per J. M. Cotter Title Asst Gen Supt

*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:

$ 8920.02

Signature [illegible]
(Authorized Certifying Officer)

Date 11/26/52 Vou. No. DMEA-16
(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. DMA E-286 in accordance with the terms of the contract.

Signature W. C. Eilertsen Title Mining Engr Date Nov 18 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. D. Miller Title Actg. Exec. Officer Date Nov. 19, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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
NOV 13 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Johnsrold Co. Minerals Asbestos
Address Lyndonville, Vermont

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract	Ft.	7511.49	1320'	21,211.43	1659'	4.553	6000	5.163
Core Own Company	Ft.	2329.64	762'	19,717.69	695.7'	3.235	6000	4.953
* Correction to total units to date as per statement of correction in Monthly Report.								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
					40,755			
TOTAL DISTRIBUTED COSTS		911.13		40,929.12				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		911.13		40,929.12				62,500.00

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 11-10-52 Operator The Johnsrold Co.

Per J. M. Potter Title Asst Gen Supt

REMARKS: Survey Labor, Technical Services and Transportation has been distributed between Company and Contract Drilling on the basis of footage drilled.

→ 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

C
O
P
Y

THE RUBEROID CO.
Hyde Park, Vt.

November 12, 1952

Mr. McHenry Mosier, Executive Officer
U. S. Department of Interior
Defense Minerals Exploration Administration
Region VIII
College Park, Maryland

Contract I DMA E-286 Docket 2080 - October Report

Dear Mr. Mosier:

Attached please find report for October which includes costs of $9,911.13.

This program is continuing satisfactorily.

Very truly yours,

The RUBEROID Co.

Defense Minerals Administration
1952

/s/ I. M. Potter
I. M. Potter
Asst. General Superintendent

IMP:vv

cc: Mr.T. H. Dermody
Mr.W. J. Van Akin

R. M. E. A. 3080

STATUS OF ALLOWABLE MAXIMUM

	Contract Amount	Cost Thru Oct. 31, 1952	Balance Available
Sub-Contract Drilling	24,000.00	17,495.55	6,504.45
Assistant	2,400.00	1,168.63	1,231.37
Mine Geologist	960.00	480.00	480.00
Consulting Geologist	1,200.00	600.00	600.00
Depreciation - Drill Rig, etc.	2,200.00	1,451.34	748.66
" Tractor	300.00	30.00	270.00
Transportation	300.00	108.54	191.46

NARRATIVE REPORT
DMRA 2080 CONTRACT R286
MONTH OF OCTOBER, 1951

One Diamond Drill was operated by the Ruberoid Co. two shifts per day during the month. Hole TB-4 was completed and Hole TB-5 drilled to a depth of 627', Progress Map 7. Total footage for the month was 762'.

Both holes were drilled to see if the fair sections encountered in TB-3 could be extended to these locations. TB-4 showed practically no fibre occurrences and TB-5 does not show any encouragement.

Amounts originally estimated in the contract for drill operators and helpers have been exceeded slightly and likewise the estimated 6,000' to be drilled by the company. However, if no fibre is encountered in TB-5 in the next 150' the hole will be abandoned. This will complete the drilling by the company operated machine.

Two drills were operated by a contractor for two shifts during most of the month. Holes EQ-4 and EQ-5 were completed, Progress Map 6. Hole T-32, Progress Map 1, was drilled to a depth of 598'. Total footage drilled by contract was 1820'.

Holes EQ-4 and EQ-5 were drilled to see if an extension of the old Edna Quarry could be found at depth. EQ-4 showed scatter of fibre throughout 1000' of drilling but none approaching ore value. EQ-5 started and remained in sericite schist for 450'. The schist was, in sections, quite talcose but other than these showed no indications of serpentine.

The mass of serpentine on Belvidere Mountain is probably a sill similar to the others found in the serpentine belt. The schists are dipping fairly flat at the top of the mountain and fairly steep at the bottom, and erosion has exposed a large portion of one side of the sill. Hole EQ-4, EQ-3 and EQ-5 indicate a relatively narrow thickness of serpentine in the vicinity of the old Edna Quarry. However EQ-5 could be an irregularity in the contact or a minor fold in the schist.

Surface exploration showed nothing of any size North or Southeast of the old Quarry and deep drilling in this area was not favorable as the serpentine seemed to thin out. A 1000' hole T-32 was therefore started about 1000' south of EQ-4 and another is planned about 800' northeast of this.

A tabulation of the drilling follows this report, together with logs and Progress Maps.

A field party of 2 to 3 men were engaged part of the month in examining outcrops and mapping contacts and topography. This work was largely confined to the area southwest of the old Eden Quarry.

Three core holes were milled in the core laboratory with the following results. Rejects of all holes milled to date have been reported.

HOLE NO.	FEET FROM	FEET TO	% RECOVERABLE FINES	VALUE PER TON OF ORE
T-30	12'	150'	0.475	$0.38
	150'	302'	2.175	2.05
T-31	15'	300'	1.645	$1.56
	300'	590'	0.805	0.73
T2-3	3'	88'	0.375	$——
	88'	103'	3.725	3.96
	103'	217'	1.825	0.86
	217'	318'	0.785	0.54
	318'	358'	1.405	1.08
	358'	368'	5.125	3.16
	368'	415'	0.895	0.78
	415'	507'	5.535	5.87
	507'	654'	3.545	4.23
	654'	724'	0.755	0.58

DIAMOND DRILL FOOTAGE - ERNA 2080 CONTRACT HOLE - MONTH OF OCT. 1952

Hole No.	From Ft.	To Ft.	Ft. Drilled This Month	Unit Price	Total Cost
Contract Drilled Holes:					
EQ-4	188	1000	812	$3.75	
EQ-5	0	480	480	3.75	
T-32	0	508	508	3.75	
		Total	1800		$6,825.00
Company Drilled Holes					
T2-~~3~~ 4	304	439	135		
T2-~~4~~ 5	0	627	627		
		Total	762		$2,329.64

NUE.

Total Feet This Month	2562
Total Previously Drilled	8077
Total to Date	10,639

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 23 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1952 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Emerald Co.,
Minerals Asbestos
Address Mojave Park, Fresno
Contract Amount, $ 62,500.00 Government Participation: 90 % Amount, $ 56,250.00

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 [redacted] Contracts:						
Drilling	2542.50	8118.75	10,661.25			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1804.77	9347.95	11,152.72			
Supervision						
Technical Services	576.97	1383.34	1,960.31			
(3) Operating Mat'ls. and Supplies:						
Timber [redacted]	426.74	2999.12	3,425.86			
Explosives [redacted]	28.50	395.25	423.75			
Pipe						
Track						
Gasoline	96.32	398.58	494.90			
Other	334.32	860.08	1194.40			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	219.90	1034.21	1,254.11			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	40.00	263.84	303.84			
Liability Insurance	12.46	70.25	82.71			
Transportation	3.60	60.54	64.14			
(8) Contingencies (specify):						
TOTALS	6086.08	24931.91	31,017.99	6086.08	24,931.91	31,017.99

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

Date 10-10-52 *Payee The Emerald Co.

Per [signature] Title Secy. Sec'y

*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:

$ 5,477.47

Signature [signature]
~~(Authorized Certifying Officer)~~

Date 10/23/52 Vou. No. DMEA-11
(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-286 in accordance with the terms of the contract.

Signature [illegible] Title Mining Engineer Date 10/20/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title acting Executive Officer Date 10/20/52

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 MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 23 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 195 2 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Hyde Park, Vermont

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract Company	Ft.	3169.29	676'	13,301.42	2809'	4.695	6000'	5.149
Core DELL Company	Ft.	2916.79	712'	17,716.57	5038'	3.388	6000'	4.953
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		6086.08		31,017.99				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		6086.08		31,017.99				60,500.00

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 10-10-52 Operator The Ruberoid Co.

By [signature] Title Genl. Supt.

REMARKS: Survey labor, technical services & transportation has been distributed between Company and Contract Drilling on the basis of footage drilled.

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

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THE RUBEROID CO.
Hyde Park, Vermont

October 16, 1952

Mr. McHenry Mosier, Executive Officer,
U. S. Dept. of Interior,
Defense Minerals Exploration Administration,
Region VIII
College Park, Md.

Contract I DMA E-286 Docket 2080 - Sept. Report

Dear Mr. Mosier:

Attached please find the above report for September which includes a cost of $6,068.08.

This program is continuing satisfactorily and one hole of possible ore grade was encountered.

Very truly yours,

The RUBEROID Co.

/s/ Michael J. Messel
Michael J. Messel
General Superintendent

MJM:vv

cc: Mr. T. H. Dermody
Mr. W. J. Van Akin

One drill was operated two shifts by the Ruberoid Co. on this project during the month. One hole, T2-3, was completed and a second, T2-4, drilled to 324'. Total footage for the month was 724'.

A second drill was operated two shifts by a contractor. One hole, EQ-3, was completed and a second, EQ-4, drilled to 188'. Total footage for the month was 676'.

A tabulation of the holes with the respective footage follows this report.

Hole T2-3, Progress Map 7, showed one fair section from 415' to 654'. The remainder of the hole was poor. The hole will be milled in the core testing laboratory to confirm the visual estimate. Hole T2-4 was located approximately 300' in a southerly direction from T2-3 to see if the fibre bearing zone indicated in T2-3 extended in this direction. At the end of the month T2-4 was down 324' and showed very little fibre.

The top of Belvidere Mountain is an amphibolite schist and the contact between the amphibolite and the serpentine is close to, and just above the Northwest face of the abandoned Eden Quarry. In this area the amphibolite has a very flat dip and hole EQ-3 was drilled to see if the ore in the Eden Quarry continued under the amphibolite. The hole was drilled westerly at an angle of 45° from the old quarry. The first 85' of drilled length indicated possible ore but the quantity of fibre decreased from this point. Sericite schist was encountered at a drilled length of 693'.

Surface examination has not shown an area that seemed to justify shallow drilling (300 feet deep) so EQ-4 was located south-east of the old quarry. This hole will be drilled to a depth of 1000'. The first 188' show occasional seams of slip fibre thru out.

Core logs and progress maps are attached to this report.

A field party of 2 to 4 men was engaged during the month in examining outcrops south east of the Eden quarry and in the North corner of the "T" Area. Some time was also spent in examining outcrops and mapping the contact south west of the Eden Quarry.

DIAMOND DRILL FOOTAGE - DMRA 2080 CONTRACT E266
MONTH OF SEPTEMBER, 1952

Hole No.	From Ft.	To Ft.	Feet Drilled This Month	Unit Price	Total Cost
CONTRACT DRILLED HOLES					
RQ 3	242	730	488	3.75	
RQ 4	0	188	188	3.75	
		Total	676		$2,535.00
COMPANY DRILLED HOLES					
T2-3	346	734	388		
T2-4	0	324	324		
		Total	712	4.10	$2,916.79
Total Feet This Month			1388		
Total Previously Drilled			6689		
Total to Date			8077		

STATUS OF ALLOWABLE BALANCE

	Contract Amount	Cost Thru Sept.30, 1952	Balance Available
Sub-Contract Drilling	$24,000.00	$20,661.25	$13,338.75
Assistant Geologist	2,400.00	960.31	1,439.69
Mine Geologist	960.00	400.00	560.00
Consulting Geologist	1,200.00	600.00	600.00
Depreciation, Drill Rig, etc.	2,200.00	1,224.11	975.89
" Tractor	300.00	30.00	270.00
Transportation	300.00	64.14	235.86

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

Defense Minerals Exploration Administration
RECEIVED
OCT 9 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1952 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co. Minerals Asbestos
Address Hyde Park, Vt.
Contract Amount, $ 62,500.00 Government Participation: 90 % Amount, $ 56,250.00

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 [redacted] Contracts:						
Drilling	337.50	7781.25	8118.75			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1943.68	7404.27	9347.95			
Supervision						
Technical Services	253.61	1129.73	1383.34			
(3) Operating Mat'ls. and Supplies:						
[redacted] Core Bits	359.10	2640.02	2999.12			
[redacted] Core Boxes	145.25	250.00	395.25			
Pipe						
Track						
Gasoline	51.55	347.03	398.58			
Other	39.51	820.57	860.08			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	214.07	820.14	1034.21			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	51.37	212.47	263.84			
Liability Insurance	13.16	57.09	70.25			
Transportation	4.08	56.46	60.54			
(8) Contingencies (specify):						
TOTALS	3412.88	21519.03	24931.91			

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

Date 9-16-52 *Payee The Ruberoid Co.

Per [signature] Title Gen'l Sec'y-Tr.

*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:

$ 3,071.59

Signature
(Authorized Certifying Officer)

Date 10/6/52 Vou. No. DMA-9
(See other side)

Per Mr. Mercer 10/10/52

(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. Tdm.E286 in accordance with the terms of the contract.

Signature H. H. Burmeister Title Mining Eng. Date 9/25/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature McKenny Wasson Title Exec. Off. Date 9-26-52

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 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 1952 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co., Vermont Asbestos Mines Minerals Asbestos
Address Hyde Park, Vermont

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract	Ft.	454.34	90'	10132.60	2163'	4.685	6000	5.463
Core Company	Ft.	2958.54	840'	14799.31	4526'	3.270	6000	4.953
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		3412.88		24931.91				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		3412.88		24931.91				62500.00

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 9-16-52 Operator The Ruberoid Co.

Per [signature] Title [signature]

REMARKS: Survey labor, Technical Services and Transportation has been distributed between Company and Contract Drilling on the basis of footage drilled.

→ 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

September 15, 1952

Mr. Mahoney Hosier, Executive Officer,
U. S. Dept. of Interior,
Defense Minerals Exploration Administration,
Region VIII,
College Park, Maryland

Contract IDM R-206, Docket 2088 - Aug. Report

Dear Mr. Hosier:

Attached please find report for the month of August which includes cost of $[illegible].

This report was prepared with the assistance of Mr. L. D. Talbert, a D.M.E.A. Auditor, during his visit here to audit the books here July 31, 1952. It is believed that this report is in order and is suggested that if there are any questions as to the manner in which this report has been computed that Mr. Talbert be contacted in Washington.

Very truly yours,

The RUBEROID Co.,

Michael J. Shenel
General Superintendent

MJShenel

cc: Mr. T. R. Kennedy
Mr. W. G. Cowan

STATUS OF ALLOWABLE BALANCES

	Contract Amount	Cost Thru Aug. 31, 1952	Balance Available
Assistant Geologist	$2400.00	$ 763.34	$ 1636.66
Mine Geologist	960.00	320.00	640.00
Consulting Geologist	1200.00	300.00	900.00
Depreciation - Drill Rig, etc.	2200.00	1004.21	1195.79
" Tractor	300.00	30.00	270.00
Transportation	300.00	60.54	239.46

DIAMOND DRILL FOOTAGE
MONTH OF AUG. 1952
DOCKET 2080, CONTRACT 8286

Contract Drilled Holes:

Hole No.	From Ft.	To Feet	Feet Drilled This Month	Unit Price	Total Cost
240	152	242	90	$3.75	$ 337.50

Company Drilled Holes

T2-1	170	209	39		
T2-2	0	455	455		
T2-3	0	346	346		
			840'	3.52	$2958.54

Note: Total footage to date on this project.

	Footage	Unit Price	Total Cost
Contract Drilled	2163'	3.75	8111.25
Company Drilled	4526'	3.27	14799.31

One drill was operated two shifts by the Emberoid Co. during the month. Two holes were completed and a third drilled to 3h6'. Total footage for the month was 5h0'.

Another drill was operated by a contractor but only for a short time at the last of the month. Due to lack of water, machine breakdown and some drillers leaving the job, the drill was down most of the month. However, operation was resumed the last of the month and 90' were drilled. Work has been progressing satisfactorily since.

The Company drill completed Hole TS-1 on which a report was made last month. Hole TS-2, Progress Map 7, was also completed and Hole TS-3 drilled to 3h6'. Both TS-2 and TS-3 show occasional sections that have a fair fibre content but they do not average ore grade. A tabulation of the drill footage follows this report.

A field party of from 3 to 4 men was engaged during the month in establishing a grid system in the north corner of Area No. 1. This grid system will be used to systematically study outcrops for shear, fibre content and serpentinization. The grid will also serve for drill and magnetometer control if this work seems justified.

Drill logs and Progress Maps are attached to this report.

[illegible]

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1952

xxxxxxxxxxxxxxxxxx

College Park, Maryland

September 26, 1952

Memorandum

To: D. N. Anderson, Finance Officer, Region VIII

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Contract Idm-E23, Docket DMEA-1210
Contract Idm-E286, Docket DMEA-2080X

Attached are audits and certificates in duplicate for the subject contracts with the Ruberoid Company, to be filed in accordance with Circular 19, Supplement 3, Section 5. In this connection please bear in mind that I am preparing an approval of the sub-contract with the Joy Manufacturing Company for diamond drilling, dated May 15, 1951. It is requested that any adjustment of odd cents be made on the payment of the next MF-104.

McHenry Mosier

Attachments - 4

McHM:rwa

copy for JayLChambers
DMEA Files

DEFENSE MINERALS EXPLORATION ADMINISTRATION

CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

I have examined the records and transactions of:

The Ruberoid Company

Hyde Park, Vermont

pertaining to Exploration Project Contract No. Idm-E286, Docket No. DMEA-2080 for the period of April 1, 1952 to July 31, 1952.

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

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

Total Cost as billed by contractor	$21,519.03
Exceptions	-0-
Total Accepted Cost	$21,519.03

The contract calls for a 90 per cent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Nineteen thousand three hundred sixty-seven and 13/100 Dollars,

— $19,367.13 —

is valid and proper.

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

E. D. Talbert

E. D. TALBERT
Auditor

September 19, 1952

I INTRODUCTION

During the period of September 9 to 12, 1952, an interim audit (covering the period of April 1 to July 31, 1952) was made of the records and accounts of operations pertaining to Contract No. Idm-E286, Docket No. DMEA-2060, with:

The Ruberoid Company
Hyde Park, Vermont

covering a project of exploration for Asbestos.

The basic accounting records under this contract are located in the Vermont Asbestos Mines Division's office at its mills which are reached by proceeding north from Hyde Park on Vermont State Route 100 for 11.5 miles to Eden Mills then left on an unnumbered road for 4.1 miles.

During the course of the audit the following officers and employees of the Division were consulted as required:

Mr. M. J. Messel, General Superintendent
Mr. J. K. Gilmore, Supervisor of Exploration
Mr. K. A. Foster, Office Manager
Mr. Price Freeman, Cost Analyst
Mr. M. S. Pepe, Payroll Clerk
Mr. F. Merrill, Storekeeper

All were very co-operative and rendered all possible assistance in facilitating the audit.

II GENERAL INFORMATION ON RECORDS

The accounting operations are under a modern branch office accounting system. Most invoices for services and materials are scheduled (every day or so as volume, due dates or discounts require) on an accounts payable Voucher Register to The Ruberoid Company's Central Accounting Offices, South Bound Brook, New Jersey. Vouchered invoices are filed alphabetically by vendors, with sub-filing by Voucher Register number. Small local purchases and services are paid by check out of an Imprest Fund maintained in a local bank. Payments for labor are effected by withdrawals from the Imprest Fund. Salaried personnel are paid by the New York office with notification to the Division's office of only the total amounts to be charged to its various accounts.

The Exploration Project accounting records are completely integrated with those pertaining to the Division's mill, quarrying, exploratory and other operations. However a separate section (designated as Account 1285) of the Plant Ledger covers the work under DMEA contracts, with three-digit sub-accounts (with the first digit "1" designating this contract) for each of the items shown in Exhibit "A" of the contract. All the records pertaining to this project had been maintained accurately and, except for a few minor instances, on a month-end accrual basis.

The accounts are subject to periodical audits by a certified public accounting firm (Price, Waterhouse & Co.) as well as The Ruberoid Company's own internal auditors.

III SCOPE OF AUDIT AND FINDINGS

The audit was limited to ascertaining the accuracy, propriety and validity of the costs as shown in the "Totals to Date" column of Form MF-104, Operator's Monthly Report and Voucher, for the month of July, 1952. The extent of the audit and the findings under each of the "Items of Cost" follow.

(1) Independent Contracts:

All charges were verified by reviewing all pertinent invoices of the sub-contractor (Joy Manufacturing Company), checking against the sub-contract rates and the footages shown on copies of the drill logs, and spot-checking the mathematical calculations. It was found that the total costs charged to this item were:

Under sub-contract dated December 21, 1951:	
2073' @ $3.75 per foot	$7,773.75
2 hrs. Acid Survey @ $30.00 per shift	7.50
Total	$7,781.25

The charges are well within the allowable maximum unit costs established by Article 6 (1) and Exhibit "A" of the contract at $4.00 per foot.

(2) Labor and Supervision:

The charges under this item were checked against the pertinent sub-accounts of the Plant Ledger, journal vouchers covering salaried personnel were spot-checked against time sheets, and, in order to sample-check labor charges, the Daily Time Sheets (approved by J. K. Gilmore, Supervisor of Exploration) for the month of July, 1952, were reconciled with the individual IBM time clock cards for time and computed at the indicated rates.

Labor is unorganized and is paid in accordance with Company established classifications. The following hourly wage rates, pertinent to labor on this project, were in effect:

Classification	Effective 11/12/50	Effective 5/4/52
Drill Operator	$1.31	$1.36
Sparesman	1.14	1.19
General Laborer	1.07	1.12

Exploration Department employees, with the exception of the Drill Operators, are paid under these rates regardless of the particular work being done, i.e., whether acting as surveyor, rodman, helper, or laborer.

An audited summary of the total costs by the classifications shown in Exhibit "A" of the Contract follows:

Labor -	Instrument Men	$ 1,360.17	
	Survey Helpers	1,159.78	
	Drill Runners	2,098.29	
	Drill Helpers	1,869.60	
	Tractor-Truck Driver	164.74	
	Laborers	449.50	
	Core-Tester (wage rate)	254.72	
	Clerk (wage rate)	47.47	$ 7,404.27
Technical -	Assistant Geologist	589.73	
	Mine Geologist	240.00	
	Consulting Geologist	300.00	1,129.73
Total			$8,534.00

Overtime of Exploration Department employees is pro-rated between all exploratory projects on the basis of total time each employee devotes to each project. It is believed that these rates, as well as the method of distributing overtime, are extremely reasonable and equitable.

Charges for Assistant Geologist represent 50% of the salary of Louis Jordan (the other 50% being charged to E-23 as Surveyor). The charge for a Mine Geologist represents a portion of the salary of J. K. Gilmore, the Company's Supervisor of Exploration. The Consulting Geologist (W. B. Millar) is under contract with the Company at a retainer fee ($7,200 per annum) payable on a quarterly basis, $300 per quarter being apportioned to this project. All charges for technical services are deemed reasonable and proper.

(3) Operating Materials and Supplies:

All charges for purchases were verified by checking against the Plant Ledger, pulling and reviewing all invoices for propriety and spot-checking for mathematical accuracy.

A major portion of the materials and supplies were drawn from company stores as indicated in the following audited summary:

Stores Issues:		
Gasoline (for Drill Rig)	$ 347.03	
Core Bits	2,640.02	
Casing, fittings, tools, etc.	531.13	$ 3,518.18
Purchases:		
Core Boxes	$ 250.00	
Drawing supplies, repair parts, tools, white gas, etc.	289.44	539.44
Total		$ 4,057.62

All stores issues were checked back from the postings to the Plant Ledger, through the Journal Vouchers, to the daily (monthly for gasoline) summaries of requisitions, which indicated the distribution to the cost accounts. Line entries on the summaries were spot-checked to requisitions and stock cards. Stock replenishments were spot-checked for pricing back to purchase invoices. It was determined that stores are priced out at averaged unit purchase costs, including freight, without addition of a mark-up. The project is being charged the same prices as the Company operations.

Exhibit "A" provides that the drill bits are to be "supplied by the Operator at cost less recoverable value." It was determined that the bits being used on the project are company-owned used bits priced only at the cost of diamond resetting plus freight. Therefore, if such policy is continued, there will be no "recoverable value" at the completion of the project.

(4) Operating Equipment:

The costs shown under "Rental" represent the costs for transportation at 6 cents per mile in accordance with Exhibit "A". On the revised MF-104 this item should properly be shown under (7) Miscellaneous.

The Daily Time Sheets approved by J. K. Gilmore, Supervisor of Exploration, include a listing of the mileage for each vehicle used. All Sheets were reviewed, the mileage totaled, computed at the contract rate and reconciled with the costs charged.

A summary of the audited mileage charge follows:

Company-owned equipment	941 miles @ $.06	$56.46

Since the contract specified only total "allowable maximums" in two categories for the depreciation of operator-furnished equipment without statement of the monthly amount chargeable, the operator divided the "allowable maximums" by 300, the number of estimated working days under the contract, to establish a daily rate. A check of the charges for depreciation indicates that: (1) the drill rig and associated equipment are charged at $7.33 per day only for those days that drill operators are employed (and consequently the equipment is being used), and (2) the tractor is charged at $1.00 per day for only those days for which the Supervisor of Exploration has approved by recording on the Daily Time Sheet. This procedure has resulted in extremely low charges to the project for the use of company-owned equipment.

(5) Initial Rehabilitation and Repairs:

Not applicable to this Contract.

(6) New Buildings, Improvements, etc:

Not applicable to this Contract.

(7) Miscellaneous:

All charges for payroll taxes and insurance were checked against the postings to the Plant Ledger and the supporting Journal Vouchers. Computations were spot-checked. The following rates were in effect and being charged, in accordance with instructions from the Company's Central Accounting Office, to both Company and DMEA exploration projects:

(a) Public Liability Insurance, effective with June, 1952, was $.05072 per $100 of insurable payroll (exclusive of overtime). Prior to June, 1952, the rate was $.05142.

(b) Workmen's Compensation Insurance, was $.73 per $100 of insurable payroll (exclusive of overtime).

(c) Unemployment Insurance:

Federal	$.30
Vermont State	.80
Total per $100 of payroll	$1.10

(d) Social Security Tax, $1.50 per $100 of payroll.

An audited summary of charges for payroll taxes and insurance follows:

Payroll Taxes (Social Security and Unemployment)	$212.47
Liability Insurance (and Compensation)	57.09

IV CONCLUSIONS AND RECOMMENDATIONS

This audit has disclosed that all costs, as charged to this project, are reasonable and proper under the terms of the contract, including Exhibit "A".

It is recommended, however, that Exhibit "A" of the contract be amended to indicate under the title "(2) Labor, Supervision, Consultants" the company's labor classifications shown in the 2nd paragraph of Sec. III (2) above. This will eliminate the unnecessary maintenance by the Company of time sheets, distribution records and cost accounts under the several fictitious classifications.

The audit disclosed that, while the total costs charged to the project are acceptable, certain adjustments between "Items of Costs" were necessary, in order to properly state the MF-104, as follows:

Items Of Cost	Total through July 31 July MF-104	Total through July 31 As Amended
(1) Independent Contracts:		
Drilling	$ 7,781.25	$ 7,781.25

Items of Costs	Total through July 31 July MF-104	Total through July 31 As Amended
(2) Labor and Supervision:		
Labor	$ 3,446.09	$ 7,404.27
Supervision	1,129.73	
Technical Services	3,958.18	1,129.73
(3) Operating Materials & Supplies:		
Core Bits		2,640.02
Core Boxes		250.00
Gasoline		347.03
Other	4,057.62	820.57
(4) Operating Equipment:		
Rental (Transportation)	56.46	
Depreciation	820.14	820.14
(7) Miscellaneous:		
Payroll Taxes	123.26	212.47
Liability Insurance	3.51	57.09
Workman's Compensation	53.58	
Other Insurance	89.21	
Transportation		56.46
Totals	$21,519.03	$21,519.03

The audit also disclosed that the status, as of July 31, 1952, of the "allowable maximums" under this contract was as follows:

Item	Allowable Maximum	Total Costs	Balance
Sub-contract Drilling	$24,000.00	$7,781.25	$16,218.75
Assistant Geologist	2,400.00	589.73	1,810.27
Mine Geologist	960.00	240.00	720.00
Consulting Geologist	1,200.00	300.00	900.00
Depreciation, Drill Rig, etc.	2,200.00	791.64	1,408.36
Depreciation, Tractor	300.00	28.50	271.50
Transportation	300.00	56.46	243.54

Since approximately 39% (2073' of 6000') of the sub-contracted drilling and 61½% (3686' of 6000') of the company drilling or 48% of the total work under the contract had been completed as of July 31, 1952, it is evident that the costs are being maintained well within the "allowable maximums".

At the conclusion of the audit, the findings were discussed with the General Superintendent (M. J. Messel) and the Cost Analyst (Price Freeman), and assistance was given the latter in the correct preparation of the August, 1952, MF-104 and the MF-104A, which through a misunderstanding has been prepared incorrectly in the past.

E. D. Talbert
E. D. TALBERT
Auditor

September 13, 1952

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

AUG 28 1952

Mr. Michael J. Messel
General Superintendent
The Ruberoid Company
Hyde Park, Vermont

Dear Mr. Messel:

Under the terms of Exploration Project Contracts Idm-123 and Idm-236, Docket Nos. 1210 and 2080, respectively, it is provided that you "keep suitable records and accounts of operations, which the Government may inspect and audit at any time."

It is anticipated that Mr. E. D. Talbert, an auditor representative of this Division, will visit your office on or about September 10, 1952, for the purpose of certifying the validity and propriety of the Government's payments.

If for any reason the timing of this visit is unappropriate, please advise.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration and
Audit Division

EDTalbert/wb
August 27, 1952

Copy to: Mails & Files
Admr. Reading File
Mr. Mosier
Mr. Talbert

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 July, 1952 Docket No. DMEA 2000 Contract No. 286
Operator's Name The Ruberoid Company - Vermont Asbestos Mines Minerals Asbestos
Address Hyde Park, Vermont
Contract Amount, $ 62,500.00 Government Participation: 90 % Amount, $ 56,250.00

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	3071.25	4,720.00	7,791.25			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1392.23	2,053.86	3,446.09			
Supervision Geologist	276.57	852.16	1,129.73			
Technical Services	1005.19	2,952.99	3,958.18			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	931.57	3,126.05	4,057.62			
(4) Operating Equipment:						
Rental Transportation	20.22	36.24	56.46			
Purchase						
Depreciation	209.24	610.90	820.14			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Social Security Expenses	43.64	79.62	123.26			
Liability Insurance	1.14	2.37	3.51			
Workmen Compensation	17.54	36.04	53.58			
Other Insurance	31.56	57.65	89.21			
(8) Contingencies (specify):						
TOTALS	7000.55	14,518.48	21,519.03	7000.55	14,518.48	21,519.03

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 8-12-52 *Payee
Per J. M. Cotter Title Asst Gen Supt

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 6,300.50

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person signing, 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.

Signature
(Authorized Certifying Officer)

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)

Date
Vou. No.
(See other side)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 18 1952

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm. E 286 in accordance with the terms of the contract.

Signature [illegible] Title Min. Engr. Date 8/27/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature McHenry Ulosier Title Executive Officer Date 8-27-52

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 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 July 1952 Docket No. DMEA 2000 Contract No. 286
Operator's Name The Ruberoid Company, Vermont Asbestos Mines Minerals Asbestos
Address Hyde Park, Vermont

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
[redacted] Geologists		276.97		1,189.73				
[redacted] Labor		1398.23		3,446.09				
[redacted] Supplies		931.57		4,057.48				
[redacted] Transportation		20.22		56.46				
[redacted] Depreciation		869.24		880.24				
Drilling: Core Contract	Ft.	3072.25	* 817	7,781.25	2073	3.75	6000	4.00
Labor [redacted] Company	Ft.	1005.19	886	3,958.18	3686	2.48*	6000	3.49
Auger								
[redacted] Inst. & Tools		93.68		869.56				
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		7000.55	1703	21,519.08				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		7000.55	1703	21,519.08				

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 8-12-52 Operator The Ruberoid Company Vermont Asbestos Mines

Per L. M. Cotter Title Asst Gen Supt

Remarks: (*) Includes Company labor, depreciation and operating material and supplies
* $7.50 Included For Aerial Survey

→ 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

August 15, 1952

Mr. Anthony Kohler, Executive Officer
U. S. Dept. of the Interior,
Bureau Survey Field Team
Defense Minerals Administration,
College Park, Maryland

Contract [illegible] - [illegible] - July Report

Dear Mr. Kohler:

Attached please find report for the month of July which includes cost of $7,000.53.

I trust that this report will be found in order.

Yours very truly,

The RUBEROID Co.

T. Morgan Potter
Asst. Genl. Supt.

TMP/[illegible]

cc: Mr. W. S. Gaunt
Mr. T. H. Dorsey
Mr. H. J. Mansel

D.M.E.A. - 2080
JULY - 1952

		Rate	Straight Time Hours	Straight Time Pay	Prorated share of Overtime	Total	Social Security	Company Paid Unemployment Insurance
N. Duba	102	$1.36	168	$ 228.48	$ 13.60	$ 242.08	$4.17	$ 3.05
A. Klausberg	102	1.19	184	218.96	14.28	233.24	4.02	2.94
B. Mason	103	1.12	88	98.56	4.48	103.04	1.77	1.30
W. Smith	103	1.12	112	125.44	8.96	134.40	2.31	1.69
A. Potter	103	1.12	72	80.64	5.97	86.61	1.49	1.09
A. Ives	103	1.19	56	66.64	5.55	72.19	1.24	.91
A. Soule	103	1.12	32	35.84	2.99	38.83	.67	.49
N. Shufelt	104	1.36	176	239.36	16.32	255.68	4.40	3.22
R. Hodgett	104	1.19	96	114.24	7.14	121.38	2.09	1.53
C. Phelps	104 & 105	1.19	208	247.52	14.75	262.27	4.46	3.40
		.05 *	152	7.60				
A. Soule	104	1.12	96	107.52	5.40	112.92	2.01	1.47
		.05 *	80	4.00				
B. Mason	104	1.12	96	107.52	9.36	116.88	2.07	1.52
		.05 *	72	3.60				
C. Dolan	104	1.12	104	116.48	4.48	120.96	2.08	1.52
E. Westover	106	1.12	24	26.88	2.32	29.20	.50	.37
M. Despota	106	1.12	4	4.72	.68	5.40	.09	.07
W. Dinell	107	1.12	[illegible]	[illegible]	16.72	123.75	2.13	1.56
		.05 *	[illegible]	[illegible]				
		[illegible]	[illegible]	[illegible]				
G. Hall	107	1.12	[illegible]	[illegible]	6.27	84.47	1.49	1.09
		.05 *	[illegible]	[illegible]				
		.10	4	.80				
F. Tahse	109	1.19	32	38.08	.79	38.87	.67	.49
W. Smith	109	1.12	72	80.64	4.48	85.12	1.47	1.07
A. Potter	109	1.12	56	62.72	5.22	67.94	1.17	.85
A. Ives	109	1.19	8	9.52	.79	10.31	.18	.12
R. Matthews	109	1.12	8	8.96	.75	9.71	.17	.12
A. Soule	109	1.12	8	8.96	.75	9.71	.17	.12
B. Mason	109	1.12	4	4.48	-	4.48	.08	.06
N. Duba		1.36	8	10.88	-	10.88	.19	.14
L. Jordan - Geologist			95.2	196.97	-	196.97	1.68	.98
J.K. Gilmore - Mine Geologist			27.2	80.00	-	80.00	.68	.39
Totals				[illegible]	[illegible]	[illegible]	$43.64	$31.56

(*) Shift Differential - $.05 4PM - 12PM - $.10 12AM - 8AM

102 - Surveyor
103 - Surveyor Helpers
104)
105)- Drill Operators and Helpers
106 - Truck Driver
107 - Core Tester
109 - Laborer

The RUBEROID Company

J. K. Gilmore
Agent

NARRATIVE REPORT
DMA 2000 CONTRACT [illegible]
MONTH OF JULY 1952

One diamond drill was operated by a contractor on this project during July. One drill hole, [illegible], Progress Map 6, was completed. This hole was drilled to a depth of 1000 ft. below the old quarry floor. The hole was generally very poor showing only a few very widely scattered short sections containing an appreciable amount of fiber. The drill has been moved to [illegible] where a 45° angle hole is being drilled under the amphibolite schist. The hole is at present down 152 feet and drilling has stopped temporarily due to a lack of water.

Another diamond drill was operated by The Ruberoid Company completing holes 730 and 731, Progress Map 1 and hole 72-1, Progress Map 7. Hole 730 was drilled vertical to a depth of [illegible] feet. Overburden was 12 feet deep. The hole was poor at the top but showed improvement at the bottom; however, it would not average gem grade. Hole 731 was drilled to a depth of 590' to see if there was any definite improvement in depth. Overburden was 15 feet deep. The core showed fiber scattered throughout but the bottom was definitely not as good as the top. The hole would average below gem grade.

The drill was moved from Area No. 4, "T" Area to Area No. 3, Tower 2 Area where hole No. 7[illegible] was completed. This hole was drilled vertically to a depth of 800 feet. Overburden was [illegible] feet deep. This hole was located near the foot of a steep slope and it was expected it would be in serpentine or would pass thru a northeasterly dipping contact into serpentine. The hole remained in amphibolite schist to 805'. The hole was stopped and another started (72-2) from the same location drilling at a 45° angle to the southwest. The serpentine was encountered at 47' and the hole is still in progress.

One field party was engaged all month laying out a grid for drill control in the Tower 2 Area. A second party worked part of the month mapping the contact and geology northwest of the old Edna Quarry in Area #2.

DIAMOND DRILL FOOTAGE
MONTH OF JULY, 1952
CONTRACT EQ84 BUDGET 2080

Company Drilled Holes:

Hole No.	From Ft.	To Ft.	Feet Drilled this Period
T31	176	590	414
T30	0	302	302
T2-1	0	170	170
Total			886

Contract Drilled Holes:

Hole No.	From Ft.	To Ft.	Feet Drilled this Period
EQ2	335	1000	665
EQ3	0	152	152
Total			817

Note: Hole T2-1 was completed at a depth of 209' on Aug. 1st and a description of the results was included in the narrative report.

Contract drill hole EQ3 is being paned @ $3.75 per ft. assuming it will be a 1000 ft. hole.

W.V.S.

Nine drill holes were milled in the core testing laboratory and are tabulated below with results:

Hole No.		Recoverable Fluor	Value per ton of ore
719		3.39%	$2.80
720		1.13%	0.97
722		2.88%	2.76
723		3.04%	2.64
724		3.31%	3.02
726	(45'-826')	1.68%	1.54
727		2.77%	2.16
728		3.27%	3.07
729		1.92%	1.64

Drill logs and progress maps are attached.

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 June, 1952 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co., Vermont Asbestos Mines Minerals Asbestos
Address Hyde Park, Vt.
Contract Amount, $ 62,500.00 Government Participation: 90 % Amount, $ 56,250.00

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 Contracts:						
Drilling	4710.00		4710.00			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	895.07	1158.79 ✓	2053.86			
Supervision Geologist	581.22	271.54 ✓	852.76			
Labor-Company Drilling	1029.94	1923.05 ✓	2952.99			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	967.60	2158.45 ✓	3126.05			
(4) Operating Equipment:						
Transportation	26.76	9.48 ✓	36.24			
Purchase						
Depreciation	226.40	384.50 ✓	610.90			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Sec. Sec.	29.77	49.85 ✓	79.62			
Liability Insurance	.91	1.46 ✓	2.37			
Workmen Compensation	14.38	21.66 ✓	36.04			
Other Insurance	21.47	36.18 ✓	57.65			
(8) Contingencies (specify):						
TOTALS	8503.52	6014.96	14518.48			

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

Date 7-28-52 *Payee

Per [signature] Title Gen'l Sup't

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
AUG 1 1952

(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. 286 in accordance with the terms of the contract.

Signature W. T. Miller Title Min. Engr Date Aug. 1, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature McKenry Wilson Title Executive Officer Date 8-1-52

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 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 June 1952 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Ruberoid Co., Vermont Asbestos Mines Minerals Asbestos
Address Hyde Park, Vermont

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 Geologists		581.22		852.76				
Laber		895.07		2053.86				
Supplies		967.60		3126.05				
Transportation		26.76		36.24				
Depreciation		226.40		610.90				
Drilling: Core Contract	Ft.	4710.00	1256'	4710.00	1256'	3.75	6000	4.00
Laber Company	Ft.	1029.94	990'	2952.99	2800'	2.39*	6000	actual costs
Auger								
Ins. - Taxes		66.53		175.68				
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		8503.52	2246	14518.48				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date ..... Operator .....

Per [signature] Title Genl. Supt.

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: * Includes Company laber, depreciation and operating material and supplies.

(Instructions on reverse)

(For Government use only)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 1 1952

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

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

August 1, 1952

Memorandum

To: D. N. Andersen, Finance Officer, Region VIII

From: Executive Officer, DMEA Field Team, Region VIII

Subject: June 1952 Monthly Report of Operator
Docket No. DMEA-2080 - Asbestos
Contract No. Ida-2286

Attached is the original of the Monthly Report of Operator from the Ruberoid Company, Vermont Asbestos Mines, for the month of June 1952, which has been checked by W. T. Miller and approved by me. You will note that the amount approved for payment this month by the Government is $7,653.17.

McHenry Mosier

Enclosures:
Operator's Report
H.Burmeister's Field Inspection Report

rwa

copy for COMittendorf
DMEA Files 2

July 29, 1952

Mr. McHenry Mosier, Executive Officer,
U. S. Department of Interior,
Defense Minerals Exploration Administration, Region VIII,
College Park, Maryland

Subject: Contract R-286
Docket DMEA-2080
June, 1952 - Report

Dear Mr. Mosier:

Further to your letter of July 24th, 1952 -

Refer to Form MF-104 - Item (1) Drilling - $4,710.00. Attached find contract with Joy Manufacturing Company. The signed copies are in the New York Office.

Contract drilling amounted to 1256 ft. Holes No. EQ-1 and EQ-2. Company drilling amounted to 990 ft. Holes T-27, T-28, T-29 and T-31.

Item (2) Labor was shown as $1925.01. This included labor for operating Company owned drill. This is now shown separate on corrected form. Also the months of April and May are corrected for the accumulated total of labor in connection with operating Company owned drill. Form MF-104 is now correct as you will note, on the accumulated totals for three months under Labor and Labor Company drilling.

Item (3) - Other shown as $967.60.

Vendor			
Company Store	11 Core Bits		$722.55
C. Russell Graves	4# 3D Nails	$ .61	
Charles Miller & Son	1 Cold Chisel, 1/2 x 6)		
" "	1 " " 3/4 x 7½)	1.37	
" "	1 Screwdriver	.55	
" "	1 Pliers	.88	
C. Russell Graves	2 Axes w/handles)		
" "	20½# 3D Nails)	15.23	
" "	2# 4D Nails)		
Company Store	Miscellaneous Supplies	196.23	
Bullard Lumber Co.	2 pcs. 8'x8'x14')		
" "	2 " 8'x8'x12')	16.68	
Keuffel & Esser Co.	500 Graph Paper)		
" "	2 Plumb Bobs)	13.50	
" "	" " " Sheaths)		$245.05
			$967.60

Item (k) Depreciation is $226.40.

The equipment included is as follows:

Drilling Machine
2 -Pumps
Rods
Power Wagon
Misc. Equip.
Tractor

We will submit an itemized statement such as the above with each monthly report from hereafter.

Very truly yours,

The RUBEROID Co.

Michael J. Mascal
General Superintendent

MJM:vo

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

July 24, 1952

Mr. Michael J. Messel
General Superintendent
The Ruberoid Company
Hyde Park, Vermont

Subject: Contract E-286
Docket DMEA-2080X
June 1952 Report

Dear Mr. Messel:

In accordance with the allowable maximums specified in Contract E-286 it is impossible to determine how the figures on Form MF-104 and MF-104A for the June Progress Report are obtained.

Refer to Form MF-104 - Item (1) Drilling - $4,710.00.
This contract specifies 6,000 feet under subcontract @ $4.00 per foot, which is the allowable maximum. Also, 6,000 feet of drilling with company owned equipment at actual cost allowing 20 percent depreciation one year on $11,000.00 which is equivalent to $2,200.00 and 10 percent depreciation on $3,000.00 which amounts to $300.00 plus labor, operating material and supplies.

Your narrative for the June Progress Report shows two drills operating under this contract. It is assumed that you operated one contract drill and one company owned drill. If this is the case, it will be necessary to break down the actual operating cost for operating the company owned drill and show the footage by contract drilling and footage by company owned drill, and specify the holes drilled by each.

Item (2) - Labor is shown as $1,925.01.
Does this include labor for operating company owned drill? The allowable maximum for labor to operate the company owned drill is $6,804.00 plus $238.00 for compensation insurance, social security and unemployment insurance. ?

The labor cost for drilling should be separate from the other holes.

Item (3) - Other shown as $967.60.
Such amounts should be substantiated by an itemized statement.

Item (4) - Depreciation is $226.40.
What equipment is included in this item?

Please supply us with a copy of your contract with Joy Manufacturing Company. Kindly make necessary corrections and return to this office.

McHM:HLB:rwa
copy for DMEA Files 2

Enclosures - 4

Yours very truly,

McHenry Mosier, Executive Officer
Defense Minerals Exploration
Administration, Region VIII

[illegible] 1953
[illegible]

	Rate	Straight Time Hrs.	Straight Time Pay	Prorated Share of Overtime	Total	Social Security	Co. Paid Unemployment Insurance
R. Shufelt	$1.36	192	$261.12	$21.76	$282.88	$4.83	$2.95
R. Knight	1.19	200	238.00	22.44	260.44	3.71	2.72
M. Miles *	1.36 .05	168 120	228.48 6.00	19.54	254.02	3.62	2.65
C. Phelps	1.19 .05	176 120	209.44 6.00	17.16	232.60	3.31	2.43
H. Bates	1.36	149.5	203.32	12.69	216.01	3.08	2.26
R. Mason	1.12	166.5	186.48	14.09	200.57	2.86	2.09
A. Boyle	1.12	104	116.48	7.47	123.95	1.77	1.29
A. Blanchard	1.19	72	85.68	6.34	92.02	1.31	.96
E. Westover	1.12	52.1	58.35	5.44	63.79	.91	.67
R. Matthews	1.12	40	44.80	3.73	48.53	.69	.51
W. Smith	1.12	64	72.68	4.48	76.16	1.08	.80
G. Hall *	1.12 .10 .05	18 4 6	20.16 .40 .30	2.39	23.25	.33	.24
W. Simick *	1.12 .10 .05	18 2 14	20.16 .20 .70	.19	21.25	.30	.22
F. Tahan	1.19	16	19.04	.79	19.83	.28	.21
A. Potter	1.12	8	8.96	.75	9.71	.13	.11
J. K. Gilmore	Salary	36.2	80.00		80.08	.67	.39
Louis Jordan	Salary	100	200.22		201.22	1.69	.97
W. B. Miller **	Invoice		300.00		300.00		
Totals			$2366.97	$139.26	$2506.23	$29.77	$21.47

* Shift Differential - $.05 - 4 PM- 12 PM - $.10 - 12PM - 8AM.

** Mr. William B. Miller - Consulting Geologist - paid by the Ruberoid Co., Accounts Payable Dept.

The Ruberoid Co.

J. K. Gilmore
AGENT

NARRATIVE REPORT
DMA 2000 CONTRACT [illegible]
MONTH OF JUNE, [illegible]

Two diamond drills operated two shifts per day during the month of June.

One drill was operated in the "T" area, Progress Map 1, and completed holes T27, T28 and T29. This drill has moved to Hole T31 which will be drilled to a depth of 600'. Holes T27, T28 and T29 were similar to the holes completed previously in this area.

The other drill was operated in the abandoned Eden Quarry, Progress Map 6. One hole EQ1 was completed and a second EQ2 drilled to 335' and still in progress.

The first hole was drilled vertically and encountered the Vermont schist at 745'. It was continued in the schist to 921' to make certain it was not an inclusion. The drill core from the quarry floor to the schist showed nearly barren serpentine with occasional fibre seams in local sections. The serpentine varied from a hard serpentine to quite talcose and near the contact to steatite.

A field party completed topographic mapping in a section north of T19, T21 and T25. The remainder of the month the party was engaged in establishing an extensive grid system in the Tower #3 Area and have completed 50% of this project. Field work for geologic mapping of a section north of the schist-serpentine contact in the "T" area was also completed.

Holes T21 and T25 were milled in the Core Testing Laboratory and results were as follows:

<u>Hole T21</u>	Percent recoverable fibre	2.60%
	Value per ton Ore	$8.34
<u>Hole T25</u>	Percent recoverable fibre	1.09%
	Value per ton of Ore	$ .80

Drill logs and progress maps are attached to this report.

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 286

Name of Operator The Ruberoid Co., Vermont Asbestos Mines
Docket No. DMA 2080 - Asbestos
Total Contract Amount $ 62,500.00
Government Participation: 90 % Amount, $ 56,250.00
Distribution of Expenditures for Month of May, 1952

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

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

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

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

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

Department of the Interior
Defense Minerals Administration
RECEIVED
JUN 25 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.

The Ruberoid Co., Vermont Asbestos Mines By [signature]
(Name of Company) (Signature of Authorized Official)

June 10, 1952 Genl. Supt
(Date) (Title)

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

16—64068-3

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]						
(b) Rented[2]						
(c) Furnished by operator						
Depreciation	236.23	148.27	384.50			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

16—64068-3

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]	1928.70	1153.14	3081.84			
5. Supervision Geologists	271.54	------	271.54			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other	935.24	1223.21	2158.45			
7. Power						
8. Transportation	7.20	2.28	9.48			
9. Insurance						
(a) ~~XXX~~ Soc. Security	33.84	16.01	49.85			
(b) Public Liability	.91	.55	1.46			
(c) Workmen's Compensation	14.17	7.49	21.66			
Other Insurance	24.44	11.74	36.18			
10. Contract Work						
11. Other (specify)						
Total	3452.27	2562.69	6014.96			
Deletions						
Adjusted totals						
Totals previously reported	2562.69					
Totals to date	6014.96		6014.96			

[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 [illegible]
Entered by
Approved by [illegible] 6-24-52
Amount approved for payment $3107.04
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May, 1952

(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										
~~XXXXX~~ Transportation				7.20	7.20					
Winzes										
Drill holes Contract										
Overburden Depreciation		236.23			236.23					
Rehabilitation and preparation										
Geology ~~XXXXXXXXXX~~ Suprv.	271.54				271.54					
~~XXXXXXX~~ Surveyors&Helper	$660.87				660.87					
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Co. Drilling	1267.83		935.24		2203.07		1209'	601'	1810'	
Soc. Sec.,W.C.,All Ins.				73.36	73.36					
Totals	2200.24	236.23	935.24	80.56	3452.27		1209'	601'	1810'	

[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

Soc. Sec. @ 1.6289%	$31.42 - Labor	$33.84
@ .8927%	2.42	
W. Comp.		14.17
Public Liability		.91
Other Insurance		24.44
		$73.36

No Contract Drilling In May, 1952

MAY - 1952

D.M.E.A. DOCKET 2080 - ASBESTOS

	Rate	Straight Time Hours	Straight Time Pay	Prorated Share of Overtime	Total	Social Security	Company Paid Unemployment Insurance
N. Duba **	$1.31 1.36	24 192	$ 31.44 261.12	$ 5.24 21.76	$ 319.56	$ 5.21	$ 3.82
E. Westover	1.12	45.5	50.96	5.08	56.04	.91	.67
A. Soule	1.12	128	143.36	11.95	155.31	2.53	1.86
D. Lumbra	1.19	8	9.52	.79	10.31	.17	.12
B. Mason **	1.07 1.12	22 133	23.54 148.96	4.72 8.78	186.00	3.03	2.22
N. Shufelt **	1.31 1.36	24 192	31.44 261.12	5.24 21.76	319.56	5.21	3.81
R. Mudgett **	1.14 1.19	24 192	27.36 228.48	4.56 19.04	279.44	4.55	3.34
M. Miles **	1.31 1.36 * .05	16 192 208	20.96 261.12 10.40	5.75 22.56	320.79	5.22	3.83
C. Phelps **	1.14 1.19 * .05	16 192 208	18.24 228.48 10.40	4.73 19.84	281.69	4.59	3.37
J. K. Gilmore	Salary	38.8	80.00		80.00	.71	.41
Louis Jordan	Salary	108	191.54		191.54	1.71	.99
			$2038.44	$161.80	$2200.24	$33.84	$24.44

* Shift Differential - 4 PM to 12 PM

** The above men worked May 1st to 3rd inclusive under our old pay rate - Effective the 4th of May under our new rate, which amounted to a $.05 an hour increase. The remaining men did not work on this project under the old pay rate.

The Ruberoid Co.

J. K. Gilmore
Agent

DMEA
Field Inspection Report
June 10, 1952
G. L. Neumann, Engineer

Operator:	Ruberoid Company
Address:	Hyde Park, Vermont
Location of Project:	Eden Mills, Vermont
Docket No.:	DMEA-2080
Contract No.:	Idm-E286
Commodity:	Asbestos (spinning grade)
Total Cost:	$62,500.00
Government Participation:	90% - $56,250.00
Duration of Contract:	15 months from April 1, 1952

On Contract No. Idm-E286 all of the work was in the Tower area. The geological crew mapped the northeast of the Tower area and the adjoining area to the east. Drill holes T-22, T-23, T-24, T-25 and T-26 were put down to the respective depths of 206, 214, 229, 236 and 401. T-26 was on 45° due to a cliff at the grid-point location. This drilling looks very promising. Hole T-22 had good fiber, 2.5 percent, from 33 to 157 feet and 1.0 percent from 157 to the bottom. Hole T-23 had two good zones 82-102 averaged 4.0 percent and 169-189 averaged 5.0 percent. The zone from 6 to 68 feet averaged less than one percent, from 68 to 214 averaged 2.5 percent. Drill hole T-24 showed 5.0 percent short fiber from 38-68 and 2.5 percent fiber from 68-229. Drill hole T-25 showed 1.75 percent fiber from 44 to 236 feet. Drill hole T-26 showed 1.75 percent fiber from 45 to 401 feet. A zone of concentration from 220 to 251 feet showed 3.5 percent.

Hole T-27 located near T-4 and T-6 and hole T-28, near T-1 and T-6, are now drilling. Drilling in the Eden Quarry will start in June.

Many heavy rains hampered the work considerably during May.

G. L. Neumann

G. L. Neumann

DMA 2080 CONTRACT E286

NARRATIVE REPORT MAY, 1952 --

One Diamond Drill operated two shifts per day during May on this project. Holes T22 thru T26 inclusive, Progress Map 1, were completed. Surface indications and previous drilling indicated a possible ore zone paralleling the contact. The holes were spaced 300' to 400' apart and located to test this zone. T26 was drilled at 45° under tallus at the bottom of a high face to test an area which was inaccessible by vertical drilling.

All of the holes are below ore grade but all are fairly consistent in quantity of fibre. It is planned to drill one hole between T4 and T6 and another east of an between T6 and T1, close to the contact. Two or three more holes are planned in the center of the tongue in the vicinity of T5 and T2. It is planned to drill one of these to a depth of 500 or 600 feet to see if the quantity or length of fibre tends to increase with depth. If some high grade ore were found at depth it might possibly carry the low grade material now indicated near the surface.

The last of the month another drill was moved to the Eden Quarry to start a deep hole in the old quarry floor.

The Field Party completed topographic mapping of a small area south of the contact between the tip of the tongue and Hole T22. They also established control for geologic mapping and study in this area. Topographic mapping and control to the north of T19, T21 and T25 is nearly completed. Some control lines for geologic mapping in the vicinity of the Eden Quarry have also been established.

Drill logs and progress maps are attached to this report.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 286

Name of Operator The Ruberoid Co., Vermont Asbestos Mines
Docket No. DMA 2080 - Asbestos
Total Contract Amount $ 62,500.00
Government Participation: 90 % Amount, $ 56,250.00
Distribution of Expenditures for Month of April, 1952

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

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

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

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

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

Department of the Interior
Defense Minerals Administration
RECEIVED
JUN 25 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.

The Ruberoid Co., Vermont Asbestos Mines, By [signature]
(Name of Company) (Signature of Authorized Official)

May 8, 1952 Gen'l Supt
(Date) (Title)

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

16—64068-3

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]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
Depreciation	148.27		148.27			
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

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]	1153.14		1153.14			
5. Supervision Geologists						
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other	1223.21		1223.21			
7. Power						
8. Transportation	2.28		2.28			
9. Insurance						
(a) ~~FW~~ Soc. Security	16.01		16.01			
(b) Public Liability	.55		.55			
(c) Workmen's Compensation	7.49		7.49			
Other Insurance	11.74		11.74			
10. Contract Work						
11. Other (specify)						
Total	2562.69		2562.69			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date	2562.69		2562.69			

[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 H. C. Barnwistes

Entered by

Approved by McKenny Ulozier 6-23-52

Amount approved for payment $2306.42

Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF April, 1952

(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										
Shafts Transportation				2.28	2.28	Miles @ 6¢	38	—	38	5000
Winzes										
Drill holes Contract										
Overburden Depreciation		148.27			148.27					
Rehabilitation and preparation										
Geology ~~xxxxxxxxx~~ Suprv.										
~~xxxxxxx~~ Surveyor & Helper	431.57				431.57					
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Company drill.	721.57		1223.21		1944.78		601'		601'	
Soc.Sec. W.C., all Ins.				35.79	35.79					
Totals	1153.14	148.27	1223.21	38.07	2562.69					

[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

Soc. Sec.	@ 1.388%	$16.01
W. Comp.		7.49
Pub. Liability		.55
Other Insurance		11.74
		$35.79

No Contract Drilling in April, 1952

D M E A

Field Inspection Report
May 8, 1952
W. T. Millar, Engr.

Operator: The Ruberoid Company
Vermont Asbestos Mines Division

Address: Hyde Park, Vermont

Docket; No. DMEA 2080
Contract No. Idm-E286
Commodity: Asbestos
Total Cost: $62,500.00
Govt. Participation: 90% or $56,250.00
Duration of Contract: 15 months from April 1, 1952

Exploratory work under this contract started April 11, in Area I, "T" Area, using the operator's equipment. One diamond core drill is operating at the present time but the sub-contract to the Joy Company is expected to start within a short time,

Although this area was specified in the application, to be drilled by the contracting driller, the operator's equipment is being used because it is best suited for the conditions, also the season opened sooner than anticipated and this area is accessible, thereby saving working time.

The exploratory work is supervised by a full time company geologist and a consulting geologist. Modern testing laboratory facilities supplied by the operator are available, and the work is being conducted in a well-managed and scientific manner.

Details of progress and cost are shown in the monthly progress report. The exploration thus far is encouraging and some good asbestos has been indicated by the drilling.

W. T. Millar

cc sent Ted Nelson 5/16/52

APRIL - - 1952

	Rate	Straight Time Hours	Straight Time Pay	Prorated Share of Overtime	Total	Social Security	Company paid Unemployment Insurance
N. Duba	$1.31	128	$167.68	$11.58	$179.26	$2.49	$1.83
A. Blanchard	1.14	64	72.96	5.04	78.00	1.08	.79
A. Soule	1.07	16	17.12	1.50	18.62	.26	.19
B. Mason	1.07	136	145.52	10.17	155.69	2.16	1.59
N. Shufelt	1.31	136.2	178.42	12.63	191.05	2.65	1.95
R. Mudgett	1.14	136.2	155.27	10.99	166.26	2.31	1.69
M. Miles	1.31 .05*	136.8 72.9*	179.21 3.65	12.06	194.92	2.71	1.98
C. Phelps	1.14 .05*	136.2 72.2*	155.27 3.61	10.46	169.34	2.35	1.72
		889.4	$1078.71	$74.43	$1153.14	$16.01	$11.74

* Shift Differential

D.M.E.A. DOCKET 2080 - ASBESTOS.

The RUBEROID Co.

J. K. G-Lunde
AGENT

DMEA 5080 CONTRACT 1966

NARRATIVE REPORT - APRIL, 1952

During April one drill was operated two shifts daily in AREA No. 1, the so-called "T" area. Three holes were completed (T19-21) and a fourth started (T22). Drill logs of the completed holes accompany this report as does a 1" = 400' map of AREA No. 1 showing their locations. Also plotted on this map is the grid system used both for magnetometer control and to locate drillholes, and the locations of holes previously drilled by The Ruberoid Co. in the course of its exploration work.

One field party was active during the month, their work involving triangulation and laying out some of the grid lines shown on the map.

Drill Results:

The 1952 drilling in the "T" area began at the NE end, the T19-20-21 holes being located to study possible continuation of the ore grade mineralization found in Holes T79 and 280, drilled in 1950. As will be seen from the logs, Holes T19 and T21 showed rather encouraging results while the fibre found in T21 was definitely below ore grade. It is by no means unusual to find low grade holes in a large fibering serpentine mass, even in the middle of an orebody, and it is only by drilling a fair number of holes that an indicative average value can be obtained for a block of ground. Then Holes T22, T23 and those that follow will be located to the SW of T19-20-21 and eventually tie into the area already partially explored by Holes 1A and the T series, 2 to 18.

In connection with these "T" area holes drilled at an earlier date, it can be noted here that encouraging results were found in Holes 1A, T1, T2, T5, T6, T16 and T18, and there is, therefore, reason to hope that a minable area will be developed in the 2600' stretch across the "T" Area from NE to SW.

Field Party:

As there was still 2' to 3' of snow on the ground in the "T" area at the start of the month, the field party began its work by establishing triangulation stations and setting away from them sufficiently to observe the stations already placed for use on the mine property. This work will be the "T" area into the mine coordinate system.

Following the setting of the triangulation stations the field party surveyed and cut some of the many grid lines which give the necessary control within AREA No. 1. This grid system will be extended to cover the DEEA work planned in AREA No. 2 and AREA No. 3 later on in the year.

Magnetometer work in the "y" area during April was limited because of snow conditions to checking the previously established and buried contact between serpentine and schist.

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
7/10		500
		500
		800
		120
		110
		100
		220

Mr. L. M. Richmond
Assistant to Comptroller
The Ruberoid Co.
South Bound Brook, New Jersey

Re: MMM-2000 (Asbestos)
The Ruberoid Company
Vermont Asbestos Mines
Eden and Lowell Townships, Vermont
Contract Lim-6286

Dear Mr. Richmond:

We wish to thank you for your prompt remittance in reply to our letter of June 26, 1962, relating to additional royalty due the Government.

By the terms of the subject Exploration Project Contract, as amended, and the certification of discovery or development, dated April 23, 1954, all minerals mined or produced from April 1, 1952, to April 1, 1962, were subject to the Government's percentage royalty as set forth in said contract.

As the period during which production was subject to royalty has now expired, the Government according to its present records retains no claim or lien against the property subject to the contract or any future production therefrom. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the periods indicated.

Sincerely yours,

Director

Fitzgerald/gla
7-18-62
cc to: Director's Reading File
Region IV (2)
Docket
Code 500

63683

GOVERNMENT COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 600

CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT

To: The Ruberoid Company
Hyde Park, Vermont

Pursuant to the provisions of Exploration Project Contract No. Idm-286, dated April 1, 1952 (Docket No. DMEA-2080), hereinafter called the "contract" between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

The nature of said discovery or development is described broadly or indicated as follows:

Surface diamond drilling in Area 41 encountered near-surface asbestos mineralization in serpentine. Sufficient data were developed to infer reserves of chrysotile asbestos.

THE UNITED STATES OF AMERICA

By O. Mittendorf
Administrator, Defense Minerals
Exploration Administration

Dated: APR 23 1954

Following 4/22/54

Copy to: Mr. Irving Gurbel, [illegible], GSA
Mr. Thayer, 5216 GSA Bldg.
Mr. Hedges, 1604
Admr. R. File
Field Team, Region VIII
Docket File
Operating Committee
Mr. Johnson
Mr. Chambers
Finance Office
Mr. Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 600

APR 2 6 1954

The Ruberoid Company

Hyde Park, Vermont

Re: Docket No. DMEA-2080 - Asbestos
Vermont Asbestos Mines
Eden and Lowell Townships, Vermont
Contract No. Idm-E286

Gentlemen:

Transmitted herewith is a Certification of Discovery or Development on Contract No. Idm-E286 on the Vermont Asbestos Mines, Eden and Lowell Townships, Vermont.

By the terms of the Exploration Project Contract and of the Certification, all production from the property from the date of the Exploration Project Contract, April 1, 1952, is subject to the Government's percentage royalty as set forth in the contract until the sum of $54,812.50 is paid, or until April 1, 1962, whichever occurs first.

Payments should be made to Mr. W. T. Millar, Executive Officer, Defense Minerals Exploration Administration Field Team, Region VIII, Bureau of Mines, Eastern Experiment Station, College Park, Maryland. Checks should be drawn payable to the Treasurer of the United States.

Royalty payments to the Government should be accompanied by suitable evidence, such as copies of settlement sheets showing quantity and grade of ore sold, the name of the purchaser, and the price and charges certified to be correct by the purchaser.

You are requested to notify Mr. Millar of any changes in ownership or production rights that may have any effect on the Government's right to its percentage royalty. Also, if production ceases at any time for any extended period, please notify Mr. Millar at six-month intervals that no production has been made.

Sincerely yours,

C. O. Mittenderf

Administrator

Enclosure

LGHouk:gad 4/23/54

Copy to: Adm.
Docket File
Mr. Johnson
Mr. Hedges
Mr. Chambers
Mr. Houk
Field Team, Region VIII
Mr. Thayer, 5216 GSA Bldg.
Operating Committee

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

600

MAY 10 1954

Mr. Irving Cambel, Acting Director
Materials Division
Emergency Procurement Service
General Services Administration
Washington 25, D. C.

Re: Docket No. [illegible] - Asbestos
The Ruberoid Company
Vermont Asbestos Mines
Eden and Lowell Townships,
Vermont
Contract No. [illegible]

Dear Mr. Cambel:

I am enclosing one copy of a Certification of Discovery or Development relating to the subject contract.

The exploration contract was signed April 1, 1953, with the Government participating to the extent of 90% of $6[illegible],5[illegible] or $56,[illegible].00.

The project work was started on April 11, 1953, and completed September 30, 1953, after the expenditure of $6[illegible].78 which is the total accepted cost and [illegible] to the Audit Certificate. The Government paid 90% of the total accepted cost or $56,[illegible].[illegible].

The work performed on this project consisted of [illegible] six size diamond drill holes for an aggregate of 15,[illegible] feet in three areas. In Area No. 1, [illegible] area, five of the six holes in this area drilled under DMEA Contract encountered asbestos mineralization. Five company holes also intersected asbestos. The cores from the company drilling and the DMEA Contract were mill tested and indicate the average asbestos content is 3.[illegible]% with a value of $[illegible].75 per ton. Approximately 7,9[illegible],[illegible] tons of average 3.5[illegible]% asbestos fiber is estimated above the floor of the adjoining [illegible] area quarry. The average depth of the overburden is 16.[illegible] feet.

The DMEA concurs with the field team evaluation of the work performed and has certified that a discovery or development has resulted from the work under this contract.

Sincerely yours,

C. O. Mittendorf

Administrator

enclosure

Mr. Hook
Operating Committee
Field Team, Region VIII
Mr. Thayer, 5216 Sun Bldg.
Mr. Hodges, 4634

LMCook:jgd 5/3/54
Copy to: Admr. R. File
Docket File
Mr. Johnson
Mr. Chambers

Government Copy

EXPLORATION PROJECT CONTRACT
THE RUBEROID COMPANY
DOCKET NO. DMEA-2080X

AMENDMENT NO. 3

It is agreed this 13th day of May, 1953 between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and The Ruberoid Company, each acting in consideration of the agreement of the other to the terms hereinafter set forth, that Exploration Project Contract Idm-E286 (Docket No. DMEA-2080X) dated April 1, 1952, as amended, is further modified and amended as of March 31, 1953, as follows:

1. Article 6(a) of the contract form is amended to include as allowable costs the following:

> To the extent that costs are set forth in Exhibit "A" as "agreed unit costs," they are in lieu of the actual costs that would otherwise be allowable costs of the project as provided in Article 6(a) of the contract form.

2. In Exhibit "A," under the heading "Statement of the Work," add the following:

> The following "new work" shall be performed:
>
> In Area No. 3, subject to Government approval, Hole T2-2 and Hole JM-11 shall be drilled deeper, and four or five additional holes shall be drilled, the aggregate total of all drilling not to exceed 3000 feet. Not in excess of 1000 feet of drill holes shall be reamed and casing set and pulled, or cemented and drilled out, as required.
>
> The additional holes shall start with Hole T2-6 indicated on the map attached hereto, made a part hereof, and entitled "Diamond Drilling Progress Map 7." The depth, spacing, and inclination of all holes shall be subject to Government approval.

3. In Exhibit "A," under the heading "Estimated Costs of the Project," add the following:

The Government will contribute to the costs of the "new work" not in excess of 3000 feet of drilling, on the basis of an agreed unit cost of $3.493 per foot therefor, and to the reaming and pulling and setting of casing, or cementing and drilling out, not in excess of 1000 feet, on the basis of an agreed unit cost of $2.30 per foot therefor, as they accrue for units of work actually performed, in lieu of actual costs. These agreed unit costs include all costs of the work, and this work may be performed by independent contractor without reference to the provisions relating to independent contracts and contractors in Articles 4(a) and (b), and 6(a)(1) of the contract form.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, nor the amount of any item designated as "allowable maximum."

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By O. Mitchell

Administrator, Defense
Minerals Exploration
Administration

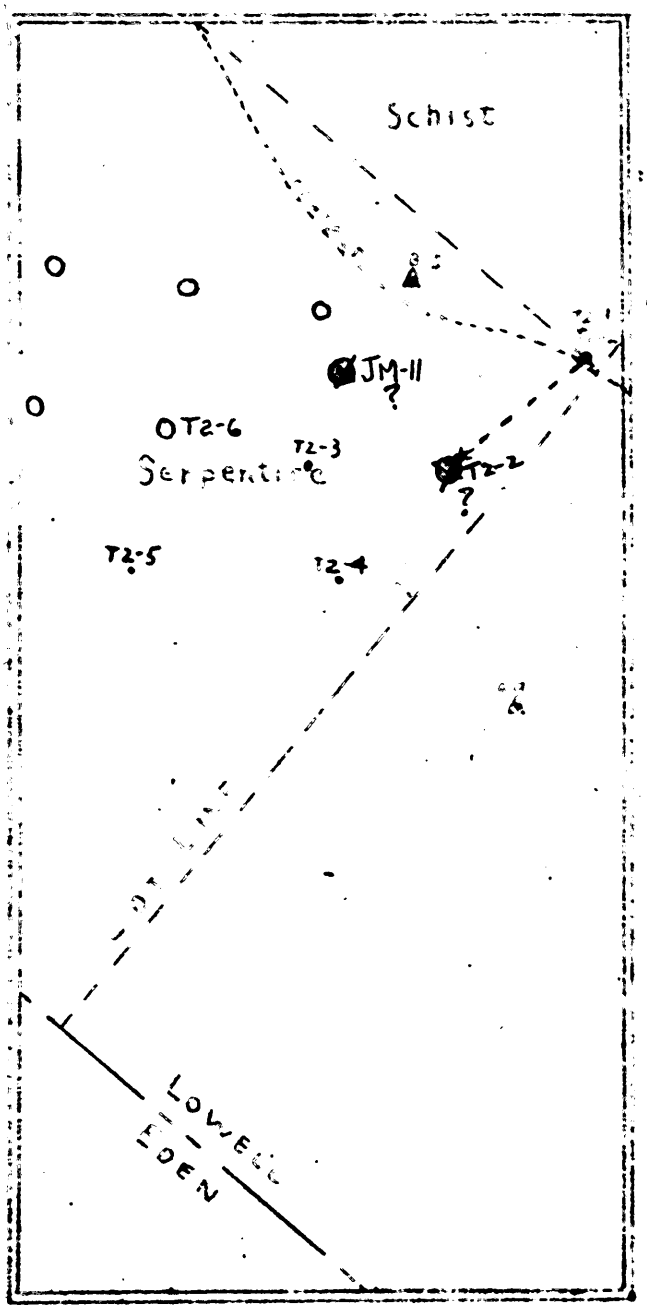
THE RUBEROID COMPANY

By

DMEA 2080 CONTRACT E 286

DIAMOND DRILLING PROGRAM

Scale 1" = 400' DECEMBER 31, 1952



• D.D.H. Completed

O D.D.H. Proposed

D.D.H Deepen ? {JM-11, T2-2}

DMEA-2080
Contract No. Idm-E286
Amendment No. 3

RECEIVED
JUL 2 5 1953

Government's Copy

EXPLORATION PROJECT CONTRACT
THE RUBEROID COMPANY
DOCKET NO. DMEA-2080X

AMENDMENT NO. 2a

It is agreed this 15th day of July, 1953, that Contract No. Idm-E286 (Docket No. DMEA-2080X), dated April 1, 1952, as amended, between the United States of America, acting through the Defense Minerals Exploration Administration, and The Ruberoid Company, is further amended, effective April 1, 1952, as follows:

1. In Exhibit "A", under the heading "Statement of the Work":

a. Delete the third paragraph and substitute the following:

> The drilling may be performed by subcontractor, or by the Operator with a drilling machine furnished by it on a depreciation basis, or by both.

b. In the first line of the fourth paragraph, delete the words "under subcontract"; and in the third line of the fifth full paragraph, delete the words "by the Operator".

c. In the first subparagraph of the fourth paragraph (area 1), delete "3000" and substitute "5611".

d. In the second line of the fifth full paragraph, delete "6,000" and substitute "6,202.7".

e. Delete the first paragraph on page 2.

2. In Exhibit "A", under the heading "Estimated Costs of the Project," subheading "(1) Independent Contracts", delete "6000" and substitute "6,131," and delete "$4.00" and substitute "$3.9145."

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount

which the Government may be required to contribute, nor the amount of any item designated as "allowable maximum" which is not expressly increased by this amendment.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By _____
Administrator, Defense
Minerals Exploration
Administration

THE RUBEROID COMPANY

By _____

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

GOVERNMENT COPY

COPY

June 30, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, Defense Minerals
Exploration Administration
Interior Building
Washington 25, D. C.

Re: Docket No. 2080 (Asbestos)
The Ruberoid Company
Vermont Asbestos Mines
Eden and Lowell Townships, Vermont
Contract No. Idm-E286

Dear Mr. Selfridge:

Reference is made to the subject contract and justification for Amendment No. 2a.

Amendment No. 2a to the subject contract has been prepared to legalize work which had been informally authorized by the Field Team.

Sincerely yours,

/s/ W. T. Millar, Executive Officer
~~Bureau~~-Survey Field Team
Defense Minerals Exploration
Administration, Region VIII

[illegible]

[illegible]

College Park, Maryland

June 20, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, Defense Materials
Mobilization Administration
Interior Building
Washington 25, D. C.

Re: Docket No. 2860 (Supersed)
The Industrial Company
Vermont Address Mines
Mica and Small Tonnages, Vermont
Contract No. DMA-2880

Dear Mr. Selfridge:

Reference is made to the subject contract and justification for Amendment No. 2a.

Amendment No. 2a to the subject contract has been prepared as legislative work action and been informally authorized by the Field Team.

Sincerely yours,

/s/ W. T. Miller, Executive Officer
Mineral-Survey Field Team
Defense Minerals Administration
Administrator, Region VIII

Amendment No. 2A, Item 1 D indicates that 6,202.7' are to be drilled in tower II aria but leaves the description under tower II aria calling for a minimum of 3,000' and a maximum of 4,000'. Actually 2,591' were drilled.

IMPORTANT: We must have a justification for this retroactive amendment to show that the change in work was actually authorized during the force of the project.

Hook says they are still drilling in this area JH

Also Hook is asking Miller for further justification

AMENDMENT NO. 4

Docket No. DMEA-2080 - (Asbestos)
Contract No. Idm-E286 - $62,500.00
The Ruberoid Company
Vermont Asbestos Mines Division
Hyde Park, Vermont

In order that exploratory work under this contract may be conducted to the best advantage of the Government and the Operator, and for the most effective prosecution of the work prescribed in the contract, it is necessary to amend certain specifications in the contract.

Amendments are justified for the following reasons: There are two drilling units operating on this project, one is owned by the sub-contractor and the other is owned by the Operator. Areas in which each drill is to operate are specified in the contract. Due to the rough terrain, drilling conditions, accessibility, source of water and necessary service during operations, it is more advantageous to have both drills operating in the same vicinity instead of operating in different areas, several miles apart.

Also, in order that the knowledge of the geologic structure and interpretations of mineralization gained as drilling progresses, may be used to the best advantage of this exploration, it is necessary to revise the tentative drilling program as specified in the contract, to permit drilling where the indications are most favorable.

This contract is amended, effective as of the date of the contract, as follows:

(1) To authorize the use of the drilling unit best adapted for the conditions in areas where the terrain, drilling conditions, accessibility and source of water are factors regardless of the ownership of the unit; or the use of both drills in the same area when it is to the advantage of the effective prosecution of the exploratory work prescribed in this contract.

(2) To eliminate drilling in Area 4 (the Magnetometer Area) in which 1,500 feet minimum and 3,000 feet maximum are authorized in Exhibit "A" of this contract, because of unfavorable indications based on interpretations of additional data obtained during this exploration.

(3) To authorize 131 feet of drilling by the sub-contractor in excess of the 6,000 feet maximum specified in Exhibit "A" of this contract.

(4) To authorize 202.7 feet of drilling by the Operator, in excess of the 6,000 feet maximum specified in Exhibit "A" of this contract.

(5) To authorize 5,611 feet to be drilled in Area I instead of the 3,000 feet maximum specified in Exhibit "A" of this contract.

This Amendment shall not be construed as authorizing any other change in allowable maximum costs other than those specified, nor shall this Amendment be construed as authorizing any increase in the total estimated allowable maximum cost of the project or the amount of the Government's participation.

THE UNITED STATES OF AMERICA

By _____
C. O. Mittendorf, Administrator
Defense Minerals Exploration
Administration

THE RUBEROID COMPANY

By _____
Michael J. Hessel
General Superintendent

Executed in sextuplicate.

Date: _____

C
O
P
Y

THE RUBEROID CO.

Hyde Park, Vermont

June 29, 1953

Mr. W. T. Millar, Executive Officer
Bureau Survey Field Team Region VIII
Defense Minerals Exploration
College Park, Maryland

DOCKET DMEA - 2080
CONTRACT IDM - E286

Dear Sir:

This will acknowledge your letter of June 24th regarding disallowance of technical services in the amount of $937.54 for the months of Jan., Feb., March and April 1953 due to the maximum drilling footage being reached, even though the maximum set up for technical services was not exceeded. We do not agree with this disallowance for the following reasons:

(a) When we set up the charges for technical services they were set up on a prorated basis per month to cover the life of the contract which is 1/2 time of our geologist.

(b) The core, after drilling is completed, has to be logged, mapped and drawn up to form eventually a part of the final report and this work cannot stop when the drilling is completed, it has to be done afterwards.

(c) Where you mentioned that in our narrative reports we said the geologist was working on future drilling, we meant that the previous work had to be reviewed, mapped and interpreted so that future drilling could be properly mapped out for your approval before asking for the amendment for the additional drilling.

Frankly, our geologist devoted his time to work on this contract which has to be done after drilling is completed and we feel the charges are justified and in no way violate the contract or the maximum set up.

We request these charges be allowed.

Mr. Millar on July 6, 1953 stated that he concurred with this explanation & considered the costs in question as being necessary.

Yours very truly,

THE RUBEROID COMPANY

s/ Michael J. Messel

Michael J. Messel
General Superintendent

College Park, Maryland

June 26, 1953

Mr. Michael J. Nessel
General Superintendent
The Ruberoid Company
Hyde Park, Vermont

Subject: Docket DMEA-2080
Contract Idm-E286

Dear Mr. Nessel

Please refer to our letter of June 24, relative to subject contract.

In the itemized list of suspensions for technical services, the amount listed for March as $219.19 should have been $211.19, which is an error of $8.00. This changes the total from $945.54 to $937.54 and also changes the figure in paragraph 4 line 4 of our letter.

Very truly yours,

W. T. Millar, Executive Officer
Bureau-Survey Field Team
Defense Minerals Exploration
Administration, Region VIII

WTM:rma

copy for GeoCSelfridge 2
FRKantner
DMEA Files 2

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

June 24, 1953

MEMORANDUM FOR FILE:

Re: Idm-E286, DMEA-2080
The Ruberoid Company

Mr. Millar, Executive Officer, DMEA Field Team, Region VIII, telephoned on June 23, 1953 to request an interim audit of the referenced contract, since the work on an actual cost basis had been completed and future work would be on an "agreed unit costs" basis under Amendment No. 3.

I advised Mr. Millar that we would prefer delaying the audit of this contract, if possible, until completion or termination of the Vermont Copper Company contract Idm-E94, DMA-1526, so that all required audits (including the completed Ruberoid contract Idm-E23, DMA-1210) in the area could be made on a single trip. He indicated that some definite word on the future plans of Vermont Copper may be expected within the next few weeks. It was agreed, therefor, to delay this audit pending determination of the status of the Vermont Copper project.

We also discussed the forms MF-104 for January to April 1953, inclusive, in which the Operator has claimed, and been paid for, the salary of an Assistant Geologist, who according to the Operator's narratives was engaged in compiling data and surveying in preparation for the additional work subsequently authorized by Amendment No. 3 dated May 13, 1953, to be performed on an "agreed unit costs" basis. I suggested that these charges may be improper and that a suspension of the total amount involved ($937.54) should be made on the next MF-104 submitted.

A subsequent review of the file disclosed that the work actually performed did not agree with the work authorized by the contract in the following particulars:

(a) The subcontractor drilled 131' in excess of the "allowable maximum" of 6000';

(b) The Operator drilled 202.7' in excess of the "maximum" total footage of 6000' authorized in Exhibit "A";

(c) The Operator drilled only 2,591' in Area No. 3, whereas, Exhibit "A" requires a "minimum" of 3,000';

(d) The Operator did no drilling in Area No. 4, in which a "minimum" of 1,500' is required by Exhibit "A"; and

(e) The Operator drilled 3,611.7' in Area No. 1, whereas, no drilling other than that performed by the subcontractor was authorized by Exhibit "A".

Mr. Millar was again contacted by telephone and advised of these discrepancies. He stated that he believed all deviations had been informally authorized and that he would check into the matter. I suggested that, if he found that the deviations had been informally authorized, confirming amendments should be made as otherwise disallowances would be required during the audit.

E. D. Talbert

E. D. Talbert, Assistant Chief
Contract Administration and
Audit Division

cc: Mr. Johnson
Mr. Millar
Mr. Houk
Mr. Talbert
Docket
Contract File
Admr. Reading File

COPY

College Park, Maryland

March 27, 1953

Mr. J. K. Gilmore
Supervisor of Exploration
The Ruberoid Company
Hyde Park, Vermont

Subject: Docket No. DMEA-2080 - Asbestos
The Ruberoid Company
Vermont Asbestos Mines
Eden & Lowell Townships, Vermont
Contract No. Idm-E286

Dear Mr. Gilmore:

This acknowledges your letter of March 24, confirming our phone conversation relative to your request for additional drilling under contract Idm-E286.

Exploratory work for asbestos under contract Idm-E286 has not been encouraging. Although a balance of approximately $13,000.00 remains in the funds for the estimated cost of contract Idm-E286, the allowable footage to be drilled under this contract has been completed. Further expenditures for drilling an additional 3,000 to 3,500 feet in the Tower Area will require additional information to prove its justification. The area appears to be fairly well explored and the results are negative. At this stage, it is important to determine the size of the geologic target and its possibility of containing an ore body of sufficient size to warrant further exploration.

The following information is required:

1) The elevation at the collars of T2-1, T2-2, T2-3, T2-4 and T2-5.

2) The elevation and drill logs of holes 7, 9 and 11 in the Tower Area No. 2.

3) A map showing the relationship between the geology of the Lowell Quarry and the Tower Area.

Mr. Cady of the Geological Survey at Montpelier, will call at your office early in the week of March 30, for this information.

If favorable action is taken on your request, the time extension is provided for in Amendment No. 2, dated February 5, 1953.

Best regards,
/s/
W. T. Millar, Executive Officer
Bureau-Survey Field Team
Defense Minerals Exploration
Administration, Region VIII

WTM:rwa
copy for GeoCSelfridge, Chrm.
Operating Comm.
JBHanley, USGS
DMEA Files 2

Amendment No. 2 to Contract Idm-E286
Docket No. DMEA-2080X - (Asbestos)
The Ruberoid Company
Hyde Park, Vermont

Due to the severe winter season in the area that the exploratory work specified under Contract Idm-E286 is to be conducted, the DMEA Field Team for Region VIII considers that it is advantageous for the Government to recess work under this contract during the winter months and take advantage of more moderate weather when the exploratory work can be conducted with greater efficiency and economy.

It is mutually agreed between the Field Team and the Operator that work specified under Contract Idm-E286 be recessed from January 1, 1953 to April 30, 1953, at which time work under this contract will be resumed, and that the time for completion of the work specified in this contract be correspondingly extended from 15 months from the date of this contract to 19 months from the date of this contract.

No equipment in which the Government has equity is used on this project.

Core recovered from drilling completed to date is stored in a suitable building and will be preserved for examination until the project is completed and the final report is prepared.

This Amendment shall not be construed as authorizing any other change in allowable maximum costs other than those specified, nor shall this Amendment be construed as authorizing any increase in the total estimated allowable maximum cost of the project or the amount of the Government's participation.

The RUBEROID Company

By Michael J. Messel
Michael J. Messel
General Superintendent

UNITED STATES OF AMERICA

By W. T. Millar
W. T. Millar, Bureau of Mines
Acting Executive Officer
DMEA Field Team, Region VIII

John B. Hanley
John B. Hanley, Geological Survey
DMEA Field Team, Region VIII

Date February 5, 1953

Governmen[illegible]s Copy

THE RUBEROID COMPANY
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-2080

AMENDMENT NO. I

Contract No. Idm-E286, Docket No. DMEA-2080, between the Government and The Ruberoid Company, is amended, effective April 1, 1952, as follows:

In Exhibit "A", under the heading "Estimated Costs of the Project", subheading "(2) Labor, Supervision, Consultants," delete the following labor classifications: "Instrument Man, Survey Helpers, Drill runners, Drill helpers and Tractor-truck driver."

In lieu of the deleted labor classifications, the Operator's labor classifications are substituted as follows: "Drill Operator, Spareman, and General Laborer."

This amendment shall not be construed to increase the estimated total cost of the contract or the maximum amount which the Government will pay as provided in the contract.

Dated September 29, 1952.

THE RUBEROID CO.

By [illegible]
Operator

THE UNITED STATES OF AMERICA

By [illegible]
Administrator-Defense Minerals
Exploration Administration

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1952

College Park, Maryland

September 26, 1952

Mr. Michael J. Hessel
General Superintendent
The Ruberoid Company
Hyde Park, Vermont

Re: Contract Idm-F23, Docket DMEA-1210
Contract Idm-S286, Docket DMEA-2080X

Dear Mr. Hessel:

In reference to my letter to you under date of August 27, 1952 regarding sub-contracts, the approval of the contract for diamond drilling between the Ruberoid Company and the Joy Manufacturing Company, dated December 21, 1951, is hereby amended to apply not only to contract Idm-F23 but also to contract Idm-S286. Also, approval is extended under contract Idm-F23 to include the sub-contract between the Ruberoid Company and the Joy Manufacturing Company for diamond drilling, dated May 15, 1951.

Very truly yours,

McHenry Mosier, Executive Officer
Bureau-Survey Field Team
Defense Minerals Exploration
Administration, Region VIII

McHM:rwa

copy for FEJohnson - 3
JayChambers
DHAnderson
DMEA Files 2

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

800

Sept. 22, 1952

To: Mr. Frank E. Johnson
Deputy Administrator

From: E. D. Talbert, Assistant Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: Suggested Amendments to Contracts E-22 and E-286, Dockets 1210 and 2080, Ruberoid Company — Asbestos

Reference is made to Mr. Mesier's memorandum of September 9, 1952, recommending an amendment to Contract E-23 to permit the payment of prevailing wage rates, including time and one-half for overtime.

During the period of September 9 to 12, 1952, I performed an on-site audit of the records pertaining to Contracts E-23 and E-286 with The Ruberoid Company. This audit disclosed that the following wage classifications and rates were in effect in the Company's Exploration Department, which is concurrently performing work on the DMEA projects and company projects:

Classification	Hourly Rates Effective 11/12/50	Effective 5/4/52
Drill Operator	$1.31	$1.36
Sparesman	1.14	1.19
General Laborer	1.07	1.12

Shift differentials of $.05 and $.10 and overtime rates of time and one-half are paid in addition to the above rates.

Under Contract E-23, which is on the old form of contract (April 1951), the Exhibit "D" specifically limits the rates to "Maximum wages per hour" of $1.07 for laborers and $1.17 for student helpers and rodmen. (The drill operator is not applicable to this contract.) Taken literally this statement would prevent payment not only for the increased rates effective May 4, but also the customary overtime and shift differentials.

Under Contract E-286, which is on the new form (Rev. Feb. 1952), there is no limitation to the rates. Therefore, the prevailing rates including customary overtime and shift differentials are allowable.

Since all Exploration Department employees are used interchangeably on the two DMEA projects, as well as on Company exploratory work, it is definitely incompatible and inequitable not to allow the increased rates, and the overtime and shift differentials, under Contract E-23. Therefore, I concur with Mr. Mesier's recommendation.

It is recommended, however, that the amendment to Contract E-23 include a restatement of the classifications as "Spareman" and "General Laborer" in lieu of the fictitious classifications of "Laborer", "Rodman" and "Student Helper". This would eliminate the unnecessary maintenance by the Company of time sheets, distribution sheets and cost accounts under the several fictitious classifications and also will facilitate future audits.

It is recommended also, for the same reasons, that Contract E-286 be amended to show the estimates for labor in the classifications of "Drill Operator", "Spareman" and "General Laborer" in lieu of the classifications of "Instrument Man", "Survey Helpers", "Drill Runners", "Drill Helpers", and "Tractor-truck Driver".

It is suggested that the amendment to Contract E-23 be expedited since the Audit Report and Certificate are being prepared on the basis that the payment of the increased rates and the customary overtime has the Administration's approval. In this connection it was found that the Company's supervisor of Exploration had notified the DMEA Executive Officer by letter dated May 20, 1952, that new rates were in effect and stated "I understand approval for the wage increase would be granted by approval of the monthly cost statement." The DMEA Executive Officer's letter of reply dated May 23, 1952, did not mention the change in rates nor did he withhold approval of subsequent MF-104's, to which were attached payroll transcripts clearly indicating the increased rates. It should be noted that the Company's wage rates are extremely low in comparison with those in effect under other contracts.

EDTalbert/wb
September 19, 1952

Copy to: Mails & Files
Admr. Reading File
Mr. Mosier
Mr. Houk
Mr. Talbert

Docket No. ~~DMEA 2030~~

Commodity ~~Asbestos~~

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TERMINATED

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration, under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 286

Date of Contract ~~or Amendment~~: April 1, 1952

Name and Address of Operator:

The Ruberoid Company
Hyde Park, Vermont

Amount of Government participation $ 56,250.00

Percent of Government participation 90 %

Region: VIII State: Vermont

NOTE: Please release $1,437.50; Advice Contract Administration and Audit Division

Jay L. Chambers
(Name)

J. L. Chambers,
Chief, Contract Administration and Audit Division
(Title)

Date Delivered to Bureau of Mines, Washington. 12/18/53

13908

Docket No. ~~2080~~

Commodity ~~Asbestos~~

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration, under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 286

Date of Contract or Amendment April 1, 1952

Name and Address of Operator:

The Ruberoid Company
Hyde Park, Vermont

Amount of Government participation $ 56,250.00

Percent of Government participation 90 %

Region: VIII State: Vermont

J.L. (Name) Chambers
Chief, Contract Administration and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. April 1, 1952 13908

MF-200
(June 1951)
(Revised Feb. 1952)

Docket No. DMEA-2080
Commodity Asbestos

GOVERNMENT'S COPY

Idm-E286

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT 1/

It is agreed this 1st day of April, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and 2/ The Ruberoid Company, A corporation Hyde Park, Vermont hereinafter called the "Operator," as follows:

ARTICLE 1. Authority for contract. This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Regulations for Government Aid in Defense Exploration Projects."

ARTICLE 2. Operator's property rights. With respect to that certain land situated in the State of Vermont, County of Lamoille, described as follows:

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/ In Eden and Lowell Townships, more fully described by metes and bounds in Annex 1, which is attached to and made a part of this contract.

the Operator represents and undertakes:4/

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

None

(b) ~~That the Operator is an lessee, in possession and entitled to possession, and the Owner's consent to lease is attached.~~

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.

ARTICLE 3. Exploration project. The Operator, within ninety (90) days from the date of this contract shall commence

3/ Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.

4/ Strike out the provision not applicable.

on a project of exploration for[5] asbestos

in or upon the described land; and shall bring the project to completion within a period of fifteen (15) months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided.

ARTICLE 4. Performance of the work. (a) Operator's responsibility. The work shall be performed efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmens' compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. To the extent specified in Exhibit "A" , attached hereto, the work may be performed by independent contractor or contractors; and work not specified in Exhibit "A" for performance by independent contractor may nevertheless be so performed upon amendment of Exhibit "A", as agreed to by the parties, to state the work to be so performed and the estimated unit costs thereof, as provided hereafter.

(b) Independent contracts. Any independent contract for the performance of work shall be on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved), or on some basis that will indicate the amount due for work performed at any stage of the work to be performed

5/ Name of mineral or minerals.

under such independent contract. The Government shall not be nor be considered to be a party to any such independent contract, and the Government's right to terminate the exploration project contract under any of its provisions shall not in any manner be affected by reason of any such independent contract. If the reference in Exhibit "A" to any such independent contract states that the Government's approval thereof is required, the Government may refuse to participate in the cost thereof unless and until it has given its written approval of the independent contract.

(c) Government may inspect. 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.

ARTICLE 5. Estimated costs of the project. A statement of the estimated cost of the project is set forth in Exhibit "A", attached hereto. Except insofar as any item of requirement or the estimated cost thereof set forth in Exhibit "A" is there or elsewhere designated as an "allowable maximum," such items of requirement and of related cost are estimates only, and may be exceeded to the extent that the Government may from time to time approve for the most economic and beneficial performance of the work within the limitation of the total aggregate estimate of costs. The Government's approval of any such excess over the estimate for an item of requirement or related cost will be signified by its approval and payment of any invoice or voucher for payment which expressly calls attention to such excess. Items expressly designated in Exhibit "A" or

elsewhere as "allowable maximum," and the total aggregate estimated cost are limitations, and any excess therein will be for the sole account of the Operator in which the Government will not participate.

ARTICLE 6. Allowable costs of the project. (a) The costs of the project in which the Government will participate are limited to the following:

(1) Independent contracts. Payments to independent contractors under independent contracts listed in Exhibit "A". The estimated cost of any work to be performed under an independent contract is or shall be included in the estimate of costs in Exhibit "A" in terms of the estimated numbers of units of work to be performed, the estimated amount to be paid per unit, and the estimated total amount to be paid to the independent contractor, and such estimates shall be allowable maximums above which the Government will not contribute. Regardless of the provisions of any such independent contract, the Government will participate in the payments to the independent contractor only on account of work actually performed and that conforms with the provisions of the exploration project contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable and necessary. No such independent contract shall have the effect of increasing the estimated total cost of the exploration project contract nor the maximum amount which the Government will pay as provided in the exploration project contract.

(2) Labor, supervision, consultants. Labor, supervision and technical services (including engineering and geological consultants),

a schedule of which is included in the estimate of costs set forth in Exhibit "A". The requirements and related estimated costs for supervision and technical services are allowable maximums.

(3) Operating materials and supplies. Necessary materials and supplies including expendable items of equipment costing less than $50.00 each, and power, water, and fuel, a schedule of which is included in the estimate of costs in Exhibit "A".

(4) Operating equipment. Any operating equipment to be rented or purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or the allowable depreciation, as the case may be, a schedule of which is included in Exhibit "A". Any items listed for purchase or as owned and to be furnished by the Operator, and related purchase price and allowable depreciation, are allowable maximums.

(5) Rehabilitation and repairs. Any necessary rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and to be devoted to the purposes of the exploration contract, a schedule of which is included in the estimate of costs set forth in Exhibit "A". These items are allowable maximums.

(6) New buildings, improvements, installations. Any necessary buildings, fixed improvements, or installations to be purchased, installed, or constructed for the purposes of the exploration work, with the estimated cost of each, a schedule of which is included in the estimate of costs in Exhibit "A". All of these items are allowable maximums.

(7) Miscellaneous. Repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmens' compensation and employers' liability insurance and payroll and sales taxes.

(8) Unforeseen. Such other necessary, reasonable direct costs of performing the exploration work, within the limit of the total aggregate estimate of costs, whether or not included in any schedule of costs in Exhibit "A", as may be approved by the Government in the course of the work, as indicated by its approval and payment of invoices and vouchers.

(b) The Government's payments in all cases will be based on actual, necessary costs (including contract unit prices) incurred not in excess of any "allowable maximum," and not in excess of the fixed percentage of the total aggregate estimated cost. Costs will be considered to be incurred only as they are or become due and payable.

(c) No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes) or any other indirect costs, 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.

ARTICLE 7. Reports, accounts, audits. (a) Progress reports. The Operator shall provide the Government with monthly reports of work performed and costs (including contract unit prices) incurred under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator,

and shall constitute both the Operator's invoice of costs incurred on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

(b) Final report. Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(c) Compliance with requirements. If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(d) 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. Upon the completion of the project or termination of the contract the Operator shall render a final account as provided in Article 12.

ARTICLE 8. Payments by the Government. (a) The Government will pay 90 per cent of the allowable costs incurred, as they accrue, in an aggregate total amount not in excess of $56,250.00, which is 90 per cent of $62,500.00, the agreed, estimated total cost of the project in which the Government will participate; Provided, that until the Operator's final report and final accounting have been rendered to the Government, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) per cent of the maximum total which the Government might have been called upon to pay under the terms of the contract.

(b) The Government may make any payment or payments direct to independent contractors and to suppliers, for the account of the Operator, rather than to the Operator.

ARTICLE 9. Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within ten years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which

the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said ten years have elapsed, whichever occurs first, as follows:

(1) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts not in excess of eight dollars ($8.00) per tons

(2) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts, plus one-half ($\frac{1}{2}$) per cent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) percent.)

(b) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales; or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 10. Assignment, transfer, or loss of Operator's interest. Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; Provided, that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of ten years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any

reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 11. Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

ARTICLE 12. 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 dispose of any remaining materials, supplies, facilities, buildings, fixtures, and equipment in which the Government has an interest, for the joint account of the Operator and the Government in the proportion of their respective interests; shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; and shall pay to the Government its prorata share of any money remaining.

ARTICLE 13. Changes and added provisions. _____

_____

_____

_____

_____

_____

_____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

The Ruberoid Company
Operator

By C O Mittendorf
Acting Administrator, Defense
Minerals Exploration Administration

By W. E. Cowan Vice President

I, S. F. Bahus, certify that I am the secretary of the corporation named as operator herein; that W. E. Cowan who signed this contract on behalf of the operator, was then Vice President of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

S. F. Bahus [Corporate Seal]

16042

ANNEX I

The area of this project includes all land within the following boundaries; excepting the Lowell Quarry area and the "C" area which are bounded as follows:

"Lowell Quarry" area, beginning at corner marked V, which is approximately 720 feet north and 3,890 feet west of Base Line point B-1 and at the common corner of Lots 1 and 2, Range 13, and Lots 1 and 2, Range 14, thence N 25° 30' E., 1,000 feet to corner W, thence S 52° E 2,720 feet to corner X, thence S 25° 30' W 1,000 feet to corner Y, thence N 52° W 2,720 feet to corner V the point of beginning. This area is in Lots 1 and 2, Range 13.

"C" area, beginning at corner marked D, which is approximately 40 feet north and 2,280 feet west of Base Line point B-1, thence S 52° E, 1,500 feet to corner E, thence S 25° W, 2,250 feet to corner F, thence N 60° 14' W, 1,000 feet to corner G, thence N 12° 30' E, 2,540 feet to corner D, the point of beginning. This area is in Lot 20, Range 12, and Lot 1, Range 13.

Beginning at a stone bound marked 1, which is the northwest corner of the Brown Lot, which is approximately 755 feet north and 8,100 feet west of Base Line point B-1, thence S. 30° 51' W, 5,020 feet, to corner 2, which is the southwest corner of the Brown Lot, thence S 61° E, 6,785 feet to corner 3, which is the southwest corner of Lot 18, Range 12, thence N 25° E, 3,570 feet to corner 4 which is the southwest corner of Lot 20, Range 11, thence S 65° 30' E, 2,840 feet to corner 5, which is the southeast corner of Lot 20, Range 11, thence N 25° E, 1,805 feet to corner 6, which is the northeast corner of Lot 20, Range 11, thence N. 64° 30' W, 90 feet to corner 7, which is the southeast corner of Lot 1, Range 12, thence N 25° 30' E, 5,210 feet to corner 8, which is the northeast corner of Lot 2, Range 12, thence N 64° 30' W, 2,610 feet to corner 9, which is the northwest corner of Lot 3, Range 12, thence S 25° 30' W, 480 feet to corner 10, which is the northeast corner of Lot 3, Range 13, thence N 65° W, 2,660 feet to corner 11, which is the northwest corner of Lot 3, Range 13, thence S 25° 30' W, 1,070 feet to corner 12, which is the northeast corner of Lot 2, Range 14, thence N 61° 30' W, 2,640 feet to corner 13, which is the northwest corner of Lot 2, Range 14, thence S 23° W, 1,630 feet to corner 14, which is on the west end line of Lot 2, Range 14, thence S 19° W, 2,145 feet to corner 15 which is the northeast corner of the Brown Lot, thence S 66° 09' E, 1,430 feet to corner 1, the point of beginning.

EXPLORATION PROJECT CONTRACT
THE RUBEROID COMPANY
DOCKET NO. DMEA-2080

EXHIBIT "A"

Statement of the Work

The work on this project is to be done in the four areas designated as Areas Nos. 1-4 on the Operator's drawing No. F2-12, which is attached hereto, on the property owned by the Ruberoid Company, near Hyde Park, Vermont, described in Annex 1. Asbestos ore is being mined in the vicinity of these areas at the present time.

The Operator's drawing No. F2-12 shows the approximate location of the proposed drill holes. The actual points of drilling will be dependent on geological study, geophysical work and results from previous holes drilled, as agreed to in advance by the Government.

About one-half of the holes will be drilled by a subcontractor, and the balance will be drilled by the Operator with a machine owned by it and furnished on a depreciation basis.

The following areas will be drilled under subcontract:

The "T" Area, in Eden Township (Area No. 1). This drilling will consist of 8 to 12 holes averaging between 200 to 300 feet in depth per hole. The minimum drilling for all holes shall be 2,000 feet and the maximum shall be 3,000 feet.

The Brown Lot or Eden Quarry Area in Eden and Lowell Townships (Area No. 2). This drilling will consist of 4 to 8 holes, averaging from 500 to 1,000 feet in depth per hole, to be drilled in or near the Eden Quarry. The minimum drilling for all holes shall be 3,000 feet and the maximum shall be 5,000 feet.

The balance of drilling, consisting of approximately 22 holes, with a maximum drilling for all holes of 6,000 feet, will be drilled by the Operator, in the following areas:

The Tower 2 Area, Eden and Lowell Townships (Area No. 3). This drilling will consist of 12 to 16 holes, averaging 100 to 300 feet in depth per hole. The minimum drilling for all holes shall be 3,000 feet and the maximum shall be 4,000 feet.

steel drilling

The Magnetometer Area, Eden and Lowell Townships (Area No. 4). The drilling will consist of 9 to 12 holes averaging 100 to 300 feet in depth per hole. The minimum drilling for all holes shall be 1,500 feet and the maximum shall be 3,000 feet.

Estimated Costs of the Project

(Wherever an * appears after an item below, it indicates the allowable maximum above which the Government will not contribute)

(1) Independent Contracts

Diamond drilling on subcontract. 6,000 feet @ $4.00 per foot		$24,000.00*

(2) Labor, Supervision, Consultants

Survey Party (6 months in the field)

1 - Instrument man (12 months field and office) 2,400 hours @ $1.74 per hour	$ 4,176.00	
3 - Survey helpers, 3,600 hours, (6 months) at $1.16 per hour	4,176.00	
2 - Drill runners (using operators drill), 2,400 hours @ $1.42 per hour	3,408.00	
2 - Drill helpers, 2,400 hours @ $1.24 per hour	2,976.00	
1 - Tractor-truck driver, 240 hours @ $1.75 per hour	420.00	
1 - Core tester, 920 hours @ $1.87 per hour	1,720.00	
1 - Assistant Geologist (half time) @ $400.00 per month, 6 months	2,400.00*	
1 - Laborer, 1,200 hours @ $1.16 per hour	1,392.00	

1 - Mine geologist, part time, 12 months @ $80.00 per month	$ 960.00*	
1 - Clerk, part time, 12 months, @ $60.00 per month	720.00	
Comp. Ins., Soc. Sec., Unemployment Ins.	782.00	
Consulting geologist	1,200.00*	$24,330.00

(3) Operating Materials and Supplies

70 diamond drill bits supplied by Operator at cost less recoverable value	5,250.00	
Core barrels, liners, etc.	1,220.00	
Pipe, casing, power and maintenance supplies, tools, core-boxes, office and drafting supplies, miscellaneous	4,900.00	11,370.00

(4) Operating Equipment

To be rented:

None

To be purchased:

None

To be furnished by Operator:

Drilling machine, replacement value	$3,200.00
2 - Pumps, replacement value	2,000.00
Rods, replacement value	1,500.00
1 - Power wagon, replacement value	3,000.00

Miscellaneous, replacement value	$ 1,300.00		
Total replacement value -	$11,000.00		
Depreciation, 1 yr., 20%		$ 2,200.00*	
1 - Tractor, replacement value	$ 3,000.00		
Depreciation, 10%		300.00*	$ 2,500.00*

(5) Rehabilitation and Repairs

None

(6) New Buildings, Improvements & Installations

None

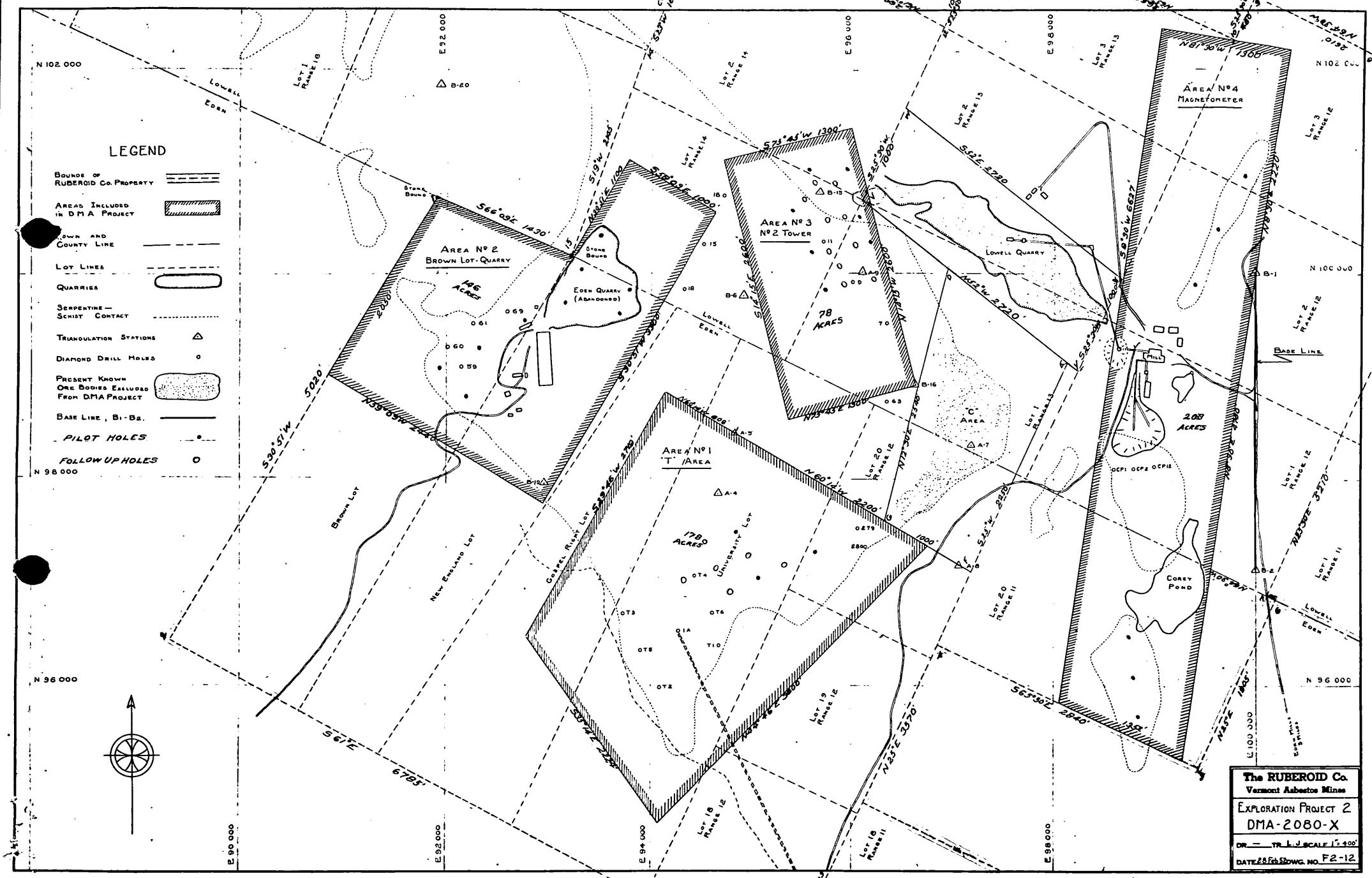
(7) Transportation

Vehicles to be furnished by Operator for transportation of geologists and survey parties at 6 cents per mile, including gas, oil, maintenance, driver, and all other costs. Estimated 5,000 miles @ 6 cents per mile	300.00*
Total estimated cost of the project	$62,500.00

Estimated Cost of Drilling with Operator's Equipment

Labor	$ 6,804.00
Comp. Ins., Soc. Sec., Unemployment Ins.	238.00
Depreciation	2,500.00
Operating Materials and Supplies	11,400.00
Total	$20,942.00

6,000 feet @ $3.49 per foot


LEGEND
Bounds of Ruberoid Co. Property
Areas Included in DMA Project
Town and County Line
Lot Lines
Quarries
Serpentine — Schist Contact
Triangulation Stations
Diamond Drill Holes
Present Known Ore Bodies Excluded From DMA Project
Base Line, B1-B2.
PILOT HOLES
FOLLOW UP HOLES
Area No 2
Brown Lot-Quarry
146 Acres
Eden Quarry (Abandoned)
Area No 3
No 2 Tower
78 Acres
Area No 1
"T" Area
1780 Acres
Area No 4
Magnetometer
208 Acres
Lowell Quarry
"C" Area
Mill
Corey Pond
Brown Lot
New England Lot
Cornell Right Lot
University Lot
Base Line
Lowell
Eden
N 102 000
N 100 000
N 98 000
N 96 000
E 90 000
E 92 000
E 94 000
E 96 000
E 98 000
E 100 000
The RUBEROID Co.
Vermont Asbestos Mines
Exploration Project 2
DMA-2080-X
DR — TR L.J. SCALE 1"=400'
DATE 28 Feb 52 DWG. NO. F2-12