SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period June 30 to Dec. 31, 1957 **Date of Examination** None

Operator The Ruberoid Company

Mine Name Vermont Asbestos Mines

County and State Lamoille County, Vermont

Docket No. and Commodity — DMEA - 2080 (Asbestos)

Contract No. — Idm-E 286

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 9 1958

DATE	INITIALS	CODE
1-9	C	220
1/8	Com	100

Date of Contract April 1, 1952

Date of Certification April 23, 1954

Expiration Date of Royalty Payments April 1, 1962

Total Amount of Contract $62,500.00

Total Expenditures under Contract $60,902.75

Amount of Government Participation at 90 % $54,812.50

Royalty Payments this Period None

Previous Royalty Payments None

Total Royalty Payments to Date None

Precent Government Participation Repaid Zero

Royalty Due on Production to Date None

Royalty Remarks No work toward operating in the certified area has been done.

	Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines ☐ Survey ☐ Joint ☒	9,750,000	3.52% fiber
Revised Estimate of DMEA Reserves (Field Team) Mines ☐ Survey ☐ Joint ☐	None	
Increase of Reserves by work performed subsequent to DMEA project work	11,560,000	2.03% fiber
Production DMEA ore (This period)	None	
(Previous)	"	
(To date)	"	
" Operator's ore (This period)	"	
found subsequent (Previous)	"	
to DMEA work (To date)	"	

Percent Revised Reserves mined None

(For Uranium Ores Only)

Initial Production Bonus:

Status of Operator: Ineligible ☐ Applied for ☐ Rec'ing pmt ☐ Pd up ☐

Pounds U_3O_8 produced this period eligible for Bonus

Amount of Bonus paid to Operator this period $

Total pounds U_3O_8 produced to date eligible for Bonus

Total amount of Bonus paid to Operator to date

Bonus Royalty Paid $

Bonus Royalty Due $

Investment Data

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost

Raises Size	Raises Feet	Raises Cost	Drilling Type & Size	Drilling Feet	Drilling Cost	Rehabilitation Description	Rehabilitation Cost
			Diamond (AX)	9,300	$36,000		

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost

REMARKS: No additional exploration work has been done this period. The total reserves in the DMEA area remain as 9,750,000 tons containing 3.52% fiber, or 21,310,000 tons containing 2.71% fiber, the latter valued at approximately $2.53 per ton.

Signed H. L. Burmeister
Engineer

7446

Semi-Annual Reports of Certified Projects

Reporting Period Jan. 1 to June 30, 1957 Date of Examination None

Operator The Ruberiod Company

Mine Name Vermont Asbestos Mines

County and State Lamoille County, Vermont

Docket No. and Commodity --- DMTA- 2080 (asbestos)

Contract No. --- Idm-E 286

Date of Contract April 1, 1952

Date of Certification April 23, 1954

Expiration Date of Royalty Payments 10 years (to April 1, 1962)

Total Amount of Contract $62,500.00

Total Expenditures under Contract $60,902.78

Amount of Government Participation at 90% $54,812.50

Royalty Payments this Period None

Previous Royalty Payments None

Total Royalty Payments to Date None

Percent Government Participation Repaid None

Royalty Due on Production to Date None

Royalty Remarks: It is possible that little or no ore will be mined from the certified area within the 10 year royalty period unless production from the main operating quarry fails or is seriously curtailed.

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DMEA
RECEIVED JUL 8 1957

DATE	INITIALS	CODE
7/8	C	220
"	Com	100

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 3 1957

DATE	INITIALS	CODE

	Tons	Analysis
Original Estimate of DMEA:		
Reserves (Field Team Final Report)	9,750,000	3.52% fiber
Mines / ___ / Survey / ___ / Joint / X /		
Revised Estimate of DMEA		
Reserves (Field Team)	None	
Mines / ___ / Survey / ___ / Joint / ___ /		
Increase of Reserves by work performed subsequent to DMEA project work	11,560,000	2.03% fiber
Production DMEA ore (This period)	None	
(Previous)	"	
(To date)	"	
" Operator's ore (This period)	None	
found subsequent (Previous)	"	
to DMEA work (To date)	"	

Percent Revised Reserves mined None

(FOR URANIUM ORES ONLY)

Initial Production Bonus:

Status of Operator: Ineligible ( ) Applied for ( ) Receiving payment ( ) Paid up ( )

Pounds U_3O_8 produced this period eligible for Bonus ___

Amount of Bonus paid to Operator this period $ ___

Total pounds U_3O_8 produced to date eligible for Bonus ___

Total amount of Bonus paid to Operator to date $ ___

Bonus Royalty Paid $ ___ Bonus Royalty Due $ ___

INVESTMENT DATA

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost

Raises Size	Raises Feet	Raises Cost	DRILLING Type & Size	DRILLING Feet	DRILLING Cost	Rehabilitation Description	Rehabilitation Cost
			Diamond (AX)	9,300	$36,000		

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost

Remarks: No additional exploration work has been done in this report period. The total reserves in the DMEA area remain as 9,750,000 tons containing 3.52% fiber, or 21,310,000 tons containing 2.71% fiber, the latter valued at $2.53 per ton.

Signed R. L. Burmeister
Engineer

Semi-Annual Reports of Certified Projects

Reporting Period July 1 to Dec.31, 1956 Date of Examination March 1956

Operator The Ruberoid Company

Mine Name Vermont Asbestos Mines

County and State Lamoille County, Vt.

Docket No. and Commodity --- DMEA- 2080 (asbestos)

Contract No. --- Idm-E 286

RECEIVED JAN 10 1957 D.M.E.A.

Date of Contract April 1, 1952

Date of Certification April 23, 1954

Expiration Date of Royalty Payments 10 yrs. (to April 1, 1962)

Total Amount of Contract $62,500.00

Total Expenditures under Contract $60,902.78

Amount of Government Participation at 90 % $54,812.50

Royalty Payments this Period None

Previous Royalty Payments None

Total Royalty Payments to Date None

Percent Government Participation Repaid Zero

Royalty Due on Production to Date None

Royalty Remarks : It is possible that little or no ore will be mined in the certified area before the time limit on royalty payments unless production from the main operating quarry is seriously curtailed.

	Tons	Analysis
Original Estimate of DMEA: Reserves (Field Team Final Report) Mines / / Survey / / Joint / X /	9,750,000	3.52% fiber
Revised Estimate of DMEA Reserves (Field Team) Mines / / Survey / / Joint / /	none	
Increase of Reserves by work performed subsequent to DMEA project work	11,560,000	2.03 % fiber
Production DMEA ore (This period)	None	
(Previous)	"	
(To date)	"	
" Operator's ore found subsequent to DMEA work (This period)	"	
(Previous)	"	
(To date)	"	

Percent Revised Reserves mined None

(FOR URANIUM ORES ONLY)

Initial Production Bonus:

Status of Operator: Ineligible ( ) Applied for ( ) Receiving payment ( ) Paid up ( )

Pounds U_3O_8 produced this period eligible for Bonus
Amount of Bonus paid to Operator this period $
Total pounds U_3O_8 produced to date eligible for Bonus
Total amount of Bonus paid to Operator to date $
Bonus Royalty Paid $ _____ Bonus Royalty Due $

INVESTMENT DATA

Shafts Size	Feet	Cost	Winzes Size	Feet	Cost	Drifts & Crosscuts Size	Feet	Cost

Raises Size	Feet	Cost	DRILLING Type & Size	Feet	Cost	Rehabilitation Description	Cost
			Diamond AX	Approx. 9300'	Approx. $36,000		

Facilities

Mine Plant Description	Cost	Mill Description	Cost	Roads Description	Cost

Remarks: After certification the company diamond drilled 42 holes in the certified area, increasing the Field Team's estimate by 11,560,000 tons. The 9,750,000 ton Field Team estimate was calculated to have an average fiber content of 3.52% by mill tests of drill core and to be valued at $2.95 per ton. The Ruberoid Company calculates from mill tests of core from DMEA & subsequent drilling, that the combined total of 21,310,000 tons of reserve will have an average value of $2.53 per ton.

Signed H. L. BURMEISTER
Engineer

2080

Date 3-12

Referred to:

1. ~~[illegible]~~
2. ~~[illegible]~~
3. ~~[illegible] Chambers~~
4. ~~Docket Control Mails and Files~~
5. Non-[illegible] Division
6. Docket Control Mails and Files

Note comments in report regarding:

1. New ore reserve data
2.
3.
4.

and take appropriate action.

Action taken by Division:

Semi-Annual Report of Certified Project

RECEIVED
MAR 12 1956

This project was visited by Bureau of Mines personnel on February 28, 1956.

Reporting Period: To February 1956)County & State: Orleans & Lamoille
Operator : The Ruberoid Company (Counties, Vermont
Mine Name : Mine near Eden, Vermont)Docket: DMEA 2080X - Asbestos
Contract No.: Idm-E286

Date of Contract: April 1, 1952
Date of Certification: April 24, 1954
Expiration Date of Royalty Payments: April 1, 1962

Total Amount of Contract:	$62,500.00
Total Expenditure under Contract:	$60,902.78
Amount of Govt.Participation @ 90%	$54,812.50
Royalty Payments this Period:	None
Previous Royalty Payments:	None
Total Royalty Payments to date:	None
Percent Govt. Participation Repaid:	None
Royalty Due on Production to Date:	None

Royalty Remarks:
If unexpected interruption of production does not occur in the main working quarry, it is doubtful that production will start in the certified area before April 1, 1962, the expiration date of Royalty Payments. ✓

Original Estimate of Reserves from Field Team's Final Report: (9,750,000 tons indicated and inferred (of 3.52% asbestos with value of ($2.95 per ton.

Increase of Reserves by work performed subsequent to original and last Field Team estimate (11,562,000 tons indicated ((and inferred ore.

Revised Estimate of Reserves:
The Ruberoid Company estimates that the total of 21,312,000 tons of indicated and inferred ore in the "T" Area of the certified DMEA contract will average 2.71 percent asbestos fiber and be valued at $2.53 per ton. X

Remarks: 42 holes were diamond drilled by the Company subsequent to certification of Contract Idm-E286. The total footage drilled is not known. ? ? ?

March 7, 1956

2/17/55

Interim Inspection Report
on Certified Contract
by
H. L. Burmeister, Engineer

Operator:	The Ruberoid Co., Vermont Asbestos Mines Division, Hyde Park, Vermont
Location:	Eden & Lowell Townships, Lamoille and Orleans Counties, Vermont
Docket No.:	DMEA-2080
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.00
Government Participation:	$56,250.00 - 90%
Duration of Contract:	April 1, 1952 to November 1, 1953

The Ruberoid Company operation at Eden was visited today.

No production has been made from the area certified under this contract.

A small amount of ore is being taken from the "C" area quarry, but it will probably be a matter of years before the certified area is put into production.

Mr. I. E. Mathews who is now General Superintendent of all operations at Eden was interviewed as Mr. Messel was in Chicago attending an AIME convention.

Mr. Jim Gilmore took me to the mine and supplied the information that the company is still doing a small amount of diamond drilling in the "C" area, which is one of the areas explored under DMEA Contract No. Idm-E286.

H. L. Burmeister

H. L. Burmeister

College Park, Md.

DMEA
Summary Report
December 31, 1954

Operator:	The Ruberoid Co., Vermont Asbestos Mines Division, Hyde Park, Vt.
Location:	Eden & Lowell Townships, Lamoille and Orleans Counties, Vt.
Docket No.:	DMEA-2080
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.00
Government Participation:	$56,250.00 - 90%
Duration of Contract:	April 1, 1952 to November 1, 1953

The purpose of this contract was to explore by diamond core drilling for strategic asbestos in a sheared area favorable for deposition.

The original contract authorized 12,000 feet of diamond core drilling in 4 areas at a cost of $62,500.00. The contract was amended to delete one of the areas and use that footage to concentrate the drilling to follow favorable indications in the other areas, and to authorize an additional 3,000 feet of drilling on the strongest lead, without increasing the total cost of the contract. This was possible because of the reduced operating cost due to the efficiency with which the exploration program has been conducted.

During the exploration 29 holes were drilled for a total of 15,333.7 feet at a cost of $60,902.78. The Government participation at 90 percent is $54,812.50. The cores from 25 of these holes contained asbestos varying from a fraction of one percent to 3.82 percent. The work was completed in October 1953.

Final audit was completed December 10, 1953. The Field Team's final report was submitted on April 5, 1954, recommending certification. A Certificate of Discovery or Development was issued April 23, 1954.

The cores from the company drilling and DMEA contract drilling were mill tested and indicated the average asbestos content to be 3.52 percent with a value of $2.95 per ton. Approximately 7,940,000 tons containing an average of 3.52 percent asbestos fibre is estimated to lie above the floor of the adjoining "C" Area quarry.

No production is being made under this contract.

Since certification, the Ruberoid Company has drilled many holes in this area for their own account. There is evidence that results obtained bear out the justification for certification.

DMEA
Summary Report
June 30, 1954

Operator:	The Ruberoid Co., Vermont Asbestos Mines Division, Hyde Park, Vt.
Location:	Eden & Lowell Townships, Lamoille and Orleans Counties, Vt.
Docket No.:	DMEA-2080
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.00
Government Participation:	$56,250.00 - 90%
Duration of Contract:	April 1, 1952 to November 1, 1953

The purpose of this contract was to explore by diamond core drilling for strategic asbestos in a sheared area favorable for deposition.

The original contract authorized 12,000 feet of diamond core drilling in 4 areas at a cost of $62,500.00. The contract was amended to delete one of the areas and use that footage to concentrate the drilling to follow favorable indications in the other areas, and to authorize an additional 3,000 feet of drilling on the strongest lead, without increasing the total cost of the contract. This was possible because of the reduced operating cost due to the efficiency with which the exploration program has been conducted.

During the exploration 29 holes were drilled for a total of 15,333.7 feet at a cost of $60,902.78. The Government participation at 90 percent is $54,812.50. The cores from 25 of these holes contained asbestos varying from a fraction of one percent to 3.82 percent. The work was completed in October 1953.

Final audit was completed December 10, 1953. The Field Team's final report was submitted on April 5, 1954, recommending certification. A Certificate of Discovery or Development was issued April 23, 1954.

The cores from the company drilling and the DMEA contract drilling were mill tested and indicated the average asbestos content to be 3.52 percent with a value of $2.95 per ton. Approximately 7,940,000 tons containing an average of 3.52 percent asbestos fibre is estimated to lie above the floor of the adjoining "C" Area quarry.

No production is being made under this contract.

Operator:	The Ruberoid Co., Vermont Asbestos Mines Division, Hyde Park, Vermont
Location:	Eden & Lowell Townships, Lamoille and Orleans Counties, Vermont
Docket No.:	IMEA-2080
Contract No.:	Idm-E286
Commodity:	Asbestos
Date of Certification:	April 23, 1954

Additional exploratory work is being considered. Production has not started, therefore, no royalty payments have been received.

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

DEPARTMENT OF THE INTERIOR
Bureau of Land Management
RECEIVED
OCT 20 1953

October 19, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-2080X - (Asbestos)
The Ruberoid Company, Vermont Asbestos Mines Division, Hyde Park, Vermont
Contract No. Idm-E286

Transmitted herewith in quadruplicate is H. L. Burmeister's Field Inspection Report of October 16, 1953, on subject contract.

W. T. Millar

W. T. Millar

Enclosures - 4

DMEA
Field Inspection Report
by
H. L. Burmeister, Engineer
October 16, 1953

DEPARTMENT OF THE INTERIOR
Bureau of Mines Publication
RECEIVED
OCT 26 1953

Operator:	The Ruberoid Co., Vermont Asbestos Mines Division, Hyde Park, Vermont
Location:	Orleans and Lamoille Counties, Vermont
Docket No.:	DMEA-2080X
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.00
Government Participation:	90% - $56,250.00
Duration of Contract:	April 1, 1952 to November 1, 1953

This project was visited on October 16, 1953. Mr. Gilmore, in direct charge of the project, and Mr. W. B. Millar, consulting geologist, were interviewed.

Drill hole T2-8 was completed the middle of September at a depth of 1210 feet. The only values in asbestos encountered were 20 feet from 980 to 1000 feet, logging 2.0 percent; 18 feet from 1000 to 1018 feet, logging 1½ percent; and 25 feet from 1018 to 1043 feet, logging 1 percent. The hole entered schist at 1201 feet.

The total of 3000 feet of drilling allowed under Amendment No. 3, as "New Work" was completely drilled out.

This contract has been completed with an expenditure of $60,902.78 out of the contract amount of $62,500.00. The Operator's Final Report is being prepared and is expected to be submitted by October 31.

As collar elevations of holes in the "T" area were not submitted with Monthly Reports, they have been procured and are listed below as accurate plus or minus 5 feet. The elevations are in agreement with those on company maps but not with Government surveys.

Hole No.	Collar Elevation Feet	Bottom Elevation Feet
T-19	1342	1144
T-20	1339	1131
T-21	1362	1160
T-22	1350	1144
T-23	1405	1191
T-24	1433	1201
T-25	1520	1284
T-26	1444	1160
T-27	1488	1256
T-28	1462	1174
T-29	1432	1110
T-30	1445	1143
T-31	1467	877

The present floor of the "C" area quarry is 1230 feet.

It seems entirely possible that by advancing "C" quarry the asbestos encountered in the above holes could be mined.

Mr. Cady of the USGS is in the field, therefore, it was not possible to contact him yesterday. Mr. Chidester was contacted regarding the position of the USGS as he saw it regarding the possibility of the Government issuing a Certificate of Discovery on this project. Mr. Chidester stated that in his opinion it was very doubtful that the T-2 area could support mining operations. The "T" area results were reviewed with the result that he expressed an opinion that the areas covered by holes T2-19 to T2-29 might be mined separately or in conjunction with the "C" area quarry.

H. L. Burmeister

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
DEC 31 1953

December 30, 1953

Memorandum

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

From: G. L. Neumann for Executive Officer, DMEA Field Team, Region VIII

Subject: Docket DMEA-2080 - (Asbestos)
The Ruberoid Company
Hyde Park, Vermont
Contract No. Idm-E286

Attached are two copies of the September 1953 progress report from The Ruberoid Company, Hyde Park, Vermont, contract Idm-E286, which has been certified for payment by the Finance Officer, DMEA, Region VIII.

This is the Operator's final report on form MF-104 for this project. The Operator's final narrative report was transmitted to you on December 14, 1953.

G. L. Neumann

Enclosures 2

GLN:rwa

copy for Mr. Selfridge ✓
DMEA Files 2

October 13, 1953

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

Contract IDM-5 Docket 2080 - September 1953 Report

Dear Mr. Millar:

Attached please find report for September which includes cost of $2504.82.

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. Massal
General Superintendent

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

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

Final Contract [illegible]

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
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				+ $090.14		
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	701.60		
(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	63.55		
(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 Genl 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:

$ 2,326.34

Signature F. 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 [illegible] Title Mining Eng. Date 10/28/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature N. A. Ellertsen for W. T. MILLAR 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 MF-104A
(April 1952)

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							6,131, ~~6000~~	
Drilling: Core Contract	Ft.	2584.82	740	38,908.28	9131	4.261	3000	5.463 3.493
Core~~xxxx~~ Company	Ft.	---	---	21,994.50	6202.7	3.546	~~6000~~	4.953
Auger							6,202.7	
Stripping								
Trenching								
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.

Per [signature] Title [signature]

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

[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.

GPO 83-38475

NARRATIVE REPORT

DMEA 2080 CONTRACT M286

MONTH OF SEPT. 1953

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 980 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.

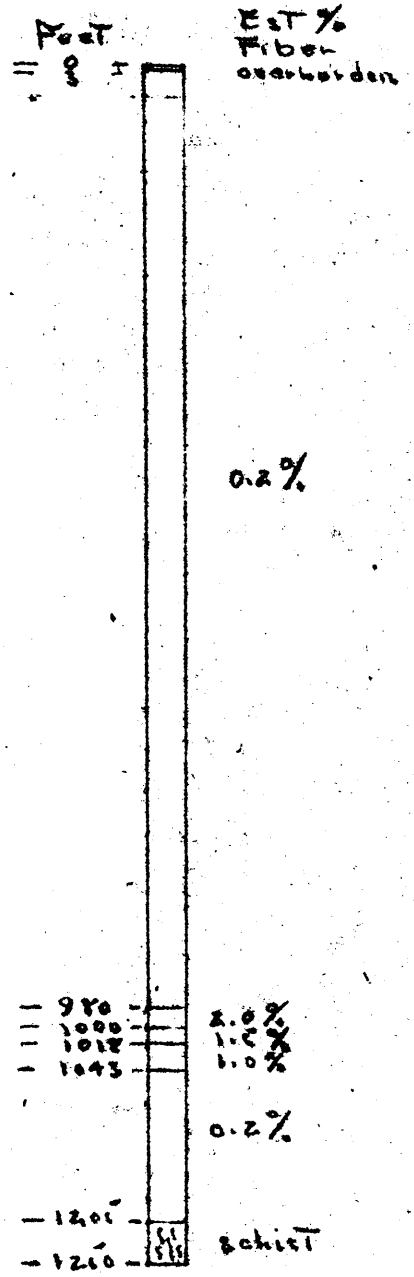
A final report covering this project is being prepared and we expect to forward it by the end of the month.

MEA 2080 CONTRACT 286

LOG OF DRILL HOLE Nº T2-8

LOCATION AREA Nº 3 PROPERTY RUBEROID

ANGLE OF HOLE 90° DEPTH 1250' SCALE 1" = 200'



Remarks

Nearly barren serpentine to 980 feet. Four sections from 5 to 8 feet long would run 1.0%. Most of core would run 0.2% to 0.8% with some sections completely barren. The only consistently mineralized section is from 980' to 1043'. From 1043 to 1205' no 5' section would yield over 0.5%. The Vermont schist was encountered at 1205', and continued to bottom of hole at 1250.

September 1[illegible], 1953

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

Contract [illegible]-233 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]0 feet of casing and [illegible]0 feet of cementing as per amendment [illegible].

We trust that this report will be found in order.

Very truly yours,

[illegible]

Michael J. Kessel
General Superintendent

cc: Mr. [illegible] Kennedy
Mr. [illegible] Emerick

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]	[illegible]			
Supervision						
Technical Services	[illegible]	[illegible]	[illegible]			
(3) Operating Mat'ls. and Supplies:						
[redacted]	[illegible]	[illegible]	[illegible]			
[redacted]	[illegible]	[illegible]	[illegible]			
[redacted]	[illegible]	[illegible]	[illegible]			
Track						
[illegible]	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	[illegible]	[illegible]	[illegible]			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	[illegible]	[illegible]	[illegible]			
Liability Insurance	[illegible]	[illegible]	[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. IDM-E-286 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. T. Mellar 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]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
								TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS		[illegible]		[illegible]				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[illegible]		[illegible]				62,500

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]

→ 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)

REMARKS: [illegible]

1,072 ft. @ 3.493 = 3,744.50
170 ft @ 2.30 = 391.00
Total = 4,135.50

(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
AMEA 2080 CONTRACT E286
MONTH OF AUGUST, 1953

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

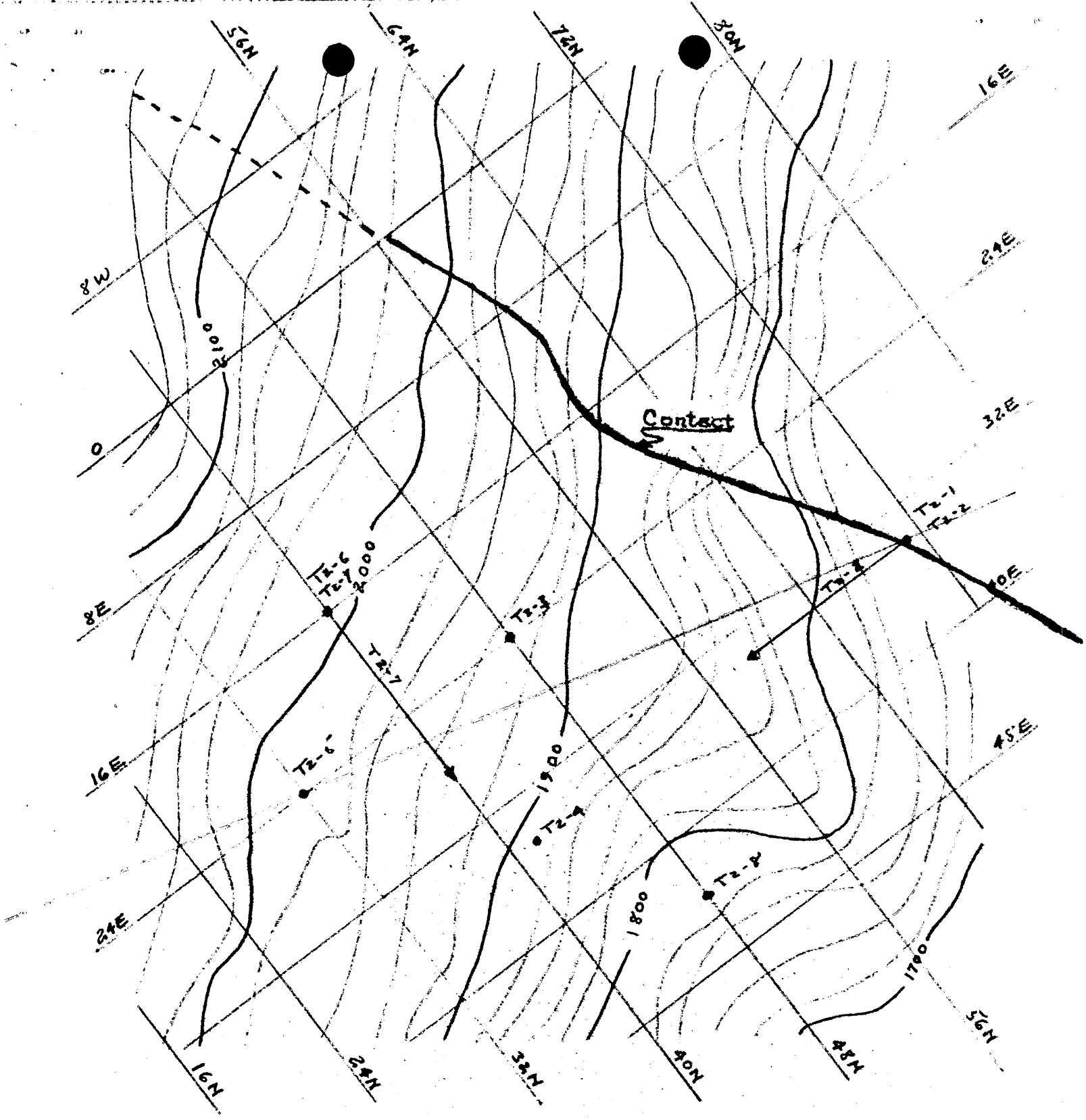
Hole No.	From	To	Feet Drilled
T2-7	438	1000	562
T2-8	0	510	510
	Total feet this month		1072
	Previously drilled		1188
	Total feet to date		2260

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.



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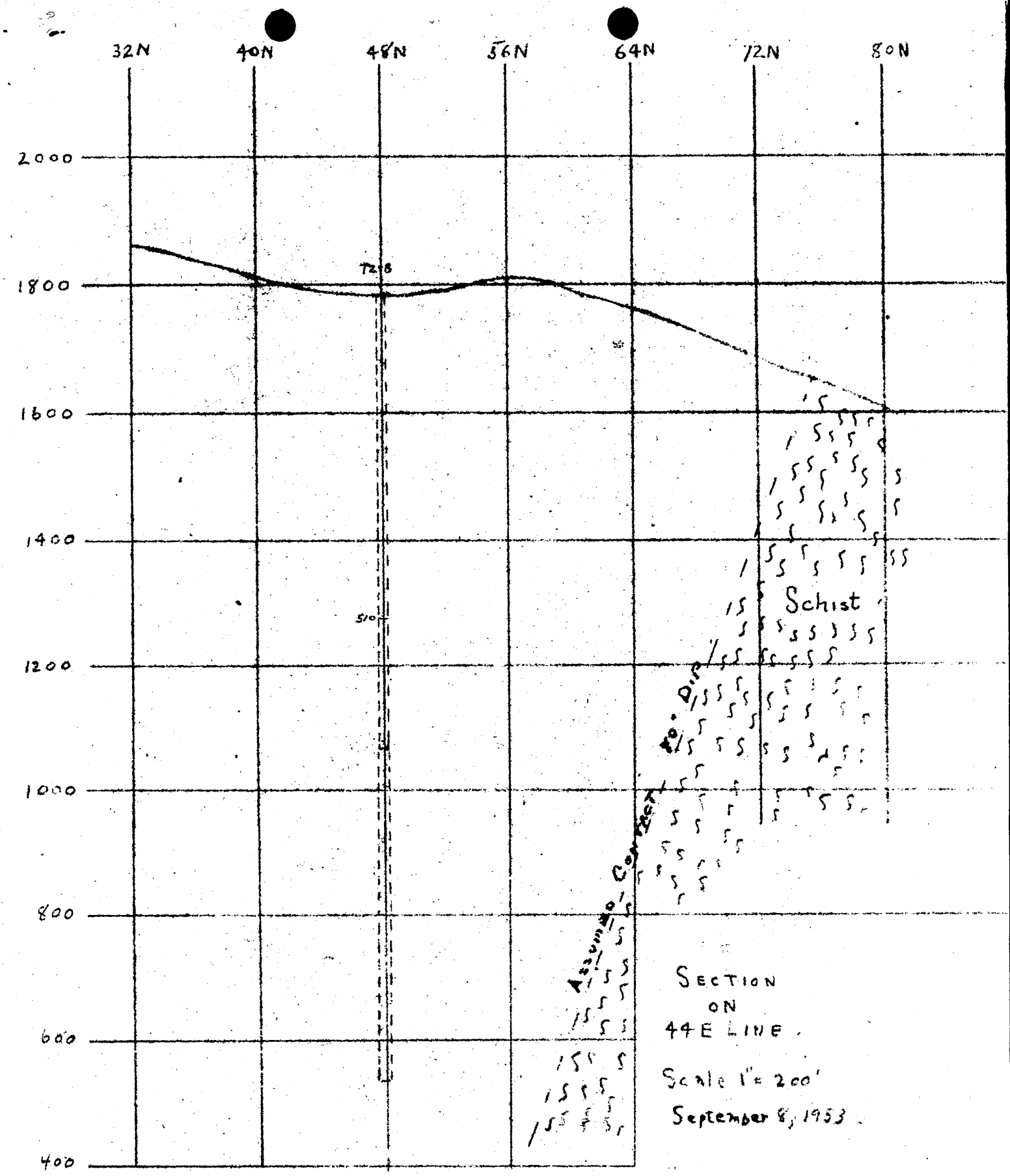
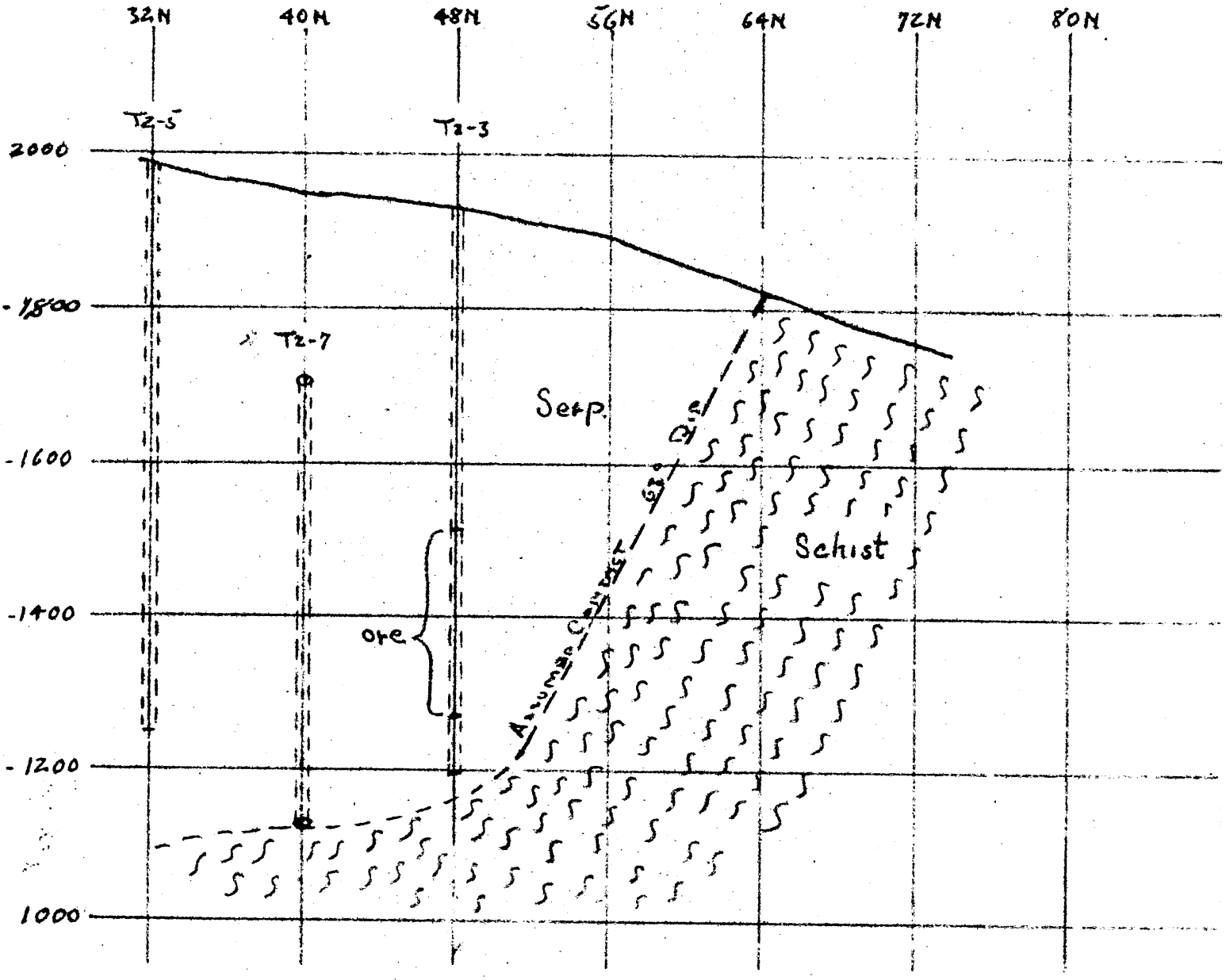
DMEA 2080 CONTRACT E 286

DIAMOND DRILLING PROGRESS MAP 7A

Scale 1" = 200' Contour Interval 20'

Aug 10, 1953


32N
40N
48N
56N
64N
72N
80N
2000
1800
1600
1400
1200
1000
800
600
400
72+8
510
Schist
Dip 40°
Assumed Contact
SECTION
ON
44E LINE.
Scale 1" = 200'
September 8, 1953.



SECTION
ON
24E LINE

Scale 1" = 200'
Sept. 8, 1953

MEA 2080 CONTRACT 286

LOG OF DRILL HOLE № T2-6

LOCATION AREA № 3 PROPERTY RUBEROID

ANGLE OF HOLE 90° DEPTH 750' SCALE 1"=100'

Feet	Est % Fiber	Remarks
0 – 24	Overburden	
24 – 654	less than 0.5%	Nearly barren serpentine to 654'. One 10' section might yield 1% and 2 or 3 10' sections might yield 0.5% but most of the hole is not over 0.2 or 0.3%. Fiber is all short slip. 204 to 224 serpentine is graphitic. 654 to 750 sericite schist.
654 – 750	Schist	

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE No T2-7

LOCATION AREA No 3

PROPERTY RUBEROID

ANGLE OF HOLE -71°

DRILLED LENGTH 1000 FT.

Scale 1" = 100 FT.

Feet	Est % Fibre
0	
26	Overburden
222	less than 0.5%
302	0%
438	less than 0.5%
497	0%
556	less than 0.5%
573	2%
861	less than 0.5% one 5' section est at 2½% and one 10' section est at 1½%
928	0%
1000	schist 8' of serp at 940'

REMARKS

Practically barren serpentine with occasional short slip fiber. Some carbonate and some talcose serpentine and talc qzit. Serpentine is graphitic from 846' to 913'. QT_3 - sericite schist 990 to 1000 ft.

LOGGED BY L. J.

August 1953

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

Defense Minerals Administration
RECEIVED
AUG 26 1953

August 25, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA 2080X - (Asbestos)
The Ruberoid Co. Hyde Park, Vermont
Lamoille & Orleans Counties, Vermont
Contract No. Idm-E286

Transmitted herewith in quadruplicate is W.T. Millar's Field Inspection Report of August 21, for Contract Idm-286.

H. L. Burmeister

H. L. Burmeister, for
W. T. Millar

Enclosures 4

AB

DMEA
Field Inspection Report
W. T. Millar, Exec.Officer
August 21, 1953

Operator:	The Ruberoid Co. Vermont Asbestos Mines Division, Hyde Park, Vermont
Location:	Orleans & Lamoille Counties, Vermont
Docket No.:	DMEA - 2080X
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500
Government Participation:	90% - $56,250
Duration of Contract:	From April 1, 1952 to Nov. 1, 1953

A field inspection of this project was made on August 20. Mr. Messel, General Superintendent, and Mr. J. M. Gilmore, Geologist in Charge of Exploration, were interviewed.

Exploratory work on this project continues to be negative. Drill hole T2-7 is barren. The conductor pipe for DDH T2-8 was being driven at the time of this visit. This is the last hole to be drilled under this contract and it is expected to be completed by September 10, 1953 at a depth of 1,000 feet or 1,250 feet if justified.

The operator expects to obtain a structural geologist to make further studies of the drilling results for possible additional interpretations.

H. L. Burmeister

H. L. Burmeister, for
W. T. Millar

m 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 2039 Contract No. 236
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 Form~~ Contracts:						
Drilling	3506.97	23,658.26	27,165.23			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	----	14,095.66	14,095.66			
Supervision						
Technical Services	----	4,084.46	4,084.46			
(3) Operating Mat'ls. and Supplies:						
~~Timber~~ Core Bits	----	3,729.26	3,729.26			
~~Explosives~~ Core Boxes	----	631.25	631.25			
~~Pipe~~ 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	----	1,533.96	1,533.96			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	----	339.31	339.31			
Liability Insurance	----	113.74	113.74			
Transportation	----	133.50	133.50			
(8) Contingencies (specify):						
TOTALS	3506.97	50,675.49	54,172.46			

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 [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:

$ 3,156.27

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

Date 8/28/53 Vou. No. DMEA-58
(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. Burmester Title Mining Eng. Date 8/18/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. L. Burmester, 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 [illegible]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 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	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract	ft.	3506.97	1004	32,137.96	7319	4.398	6000	5.453
Core [illegible] Company	ft.	—	—	21,994.50	6232.7	3.546	3000	3.493
Auger							6000	4.953
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		3506.97		54,132.46				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		3506.97		54,132.46				62,509.00

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 8-7-53 Operator The Ruberoid Co.

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

The RUBEROID Co.

HYDE PARK, VERMONT

For Attention

Date August 12, 1953

Copy to

Reference

Subject

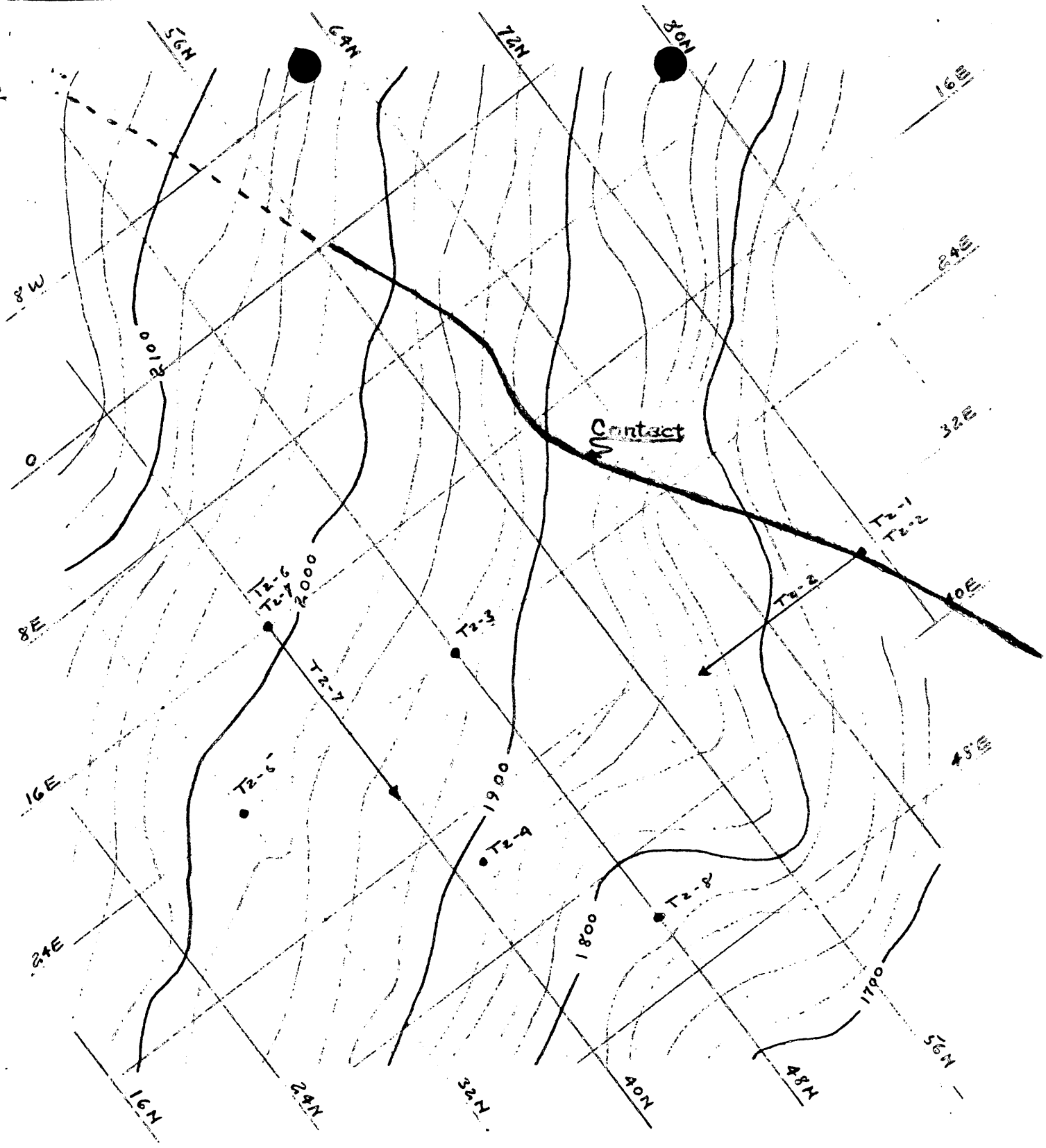
NARRATIVE REPORT
AMSA 8080 CONTRACT 8286
MONTH OF JULY 1953

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 684 feet. The hole was continued to 750 feet to make certain the schist encountered was not an inclusion. The entire 684' 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 484/444 and drilled to a depth of 1000 to 1250 feet should intersect the ore. Mr. W. T. Miller 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.



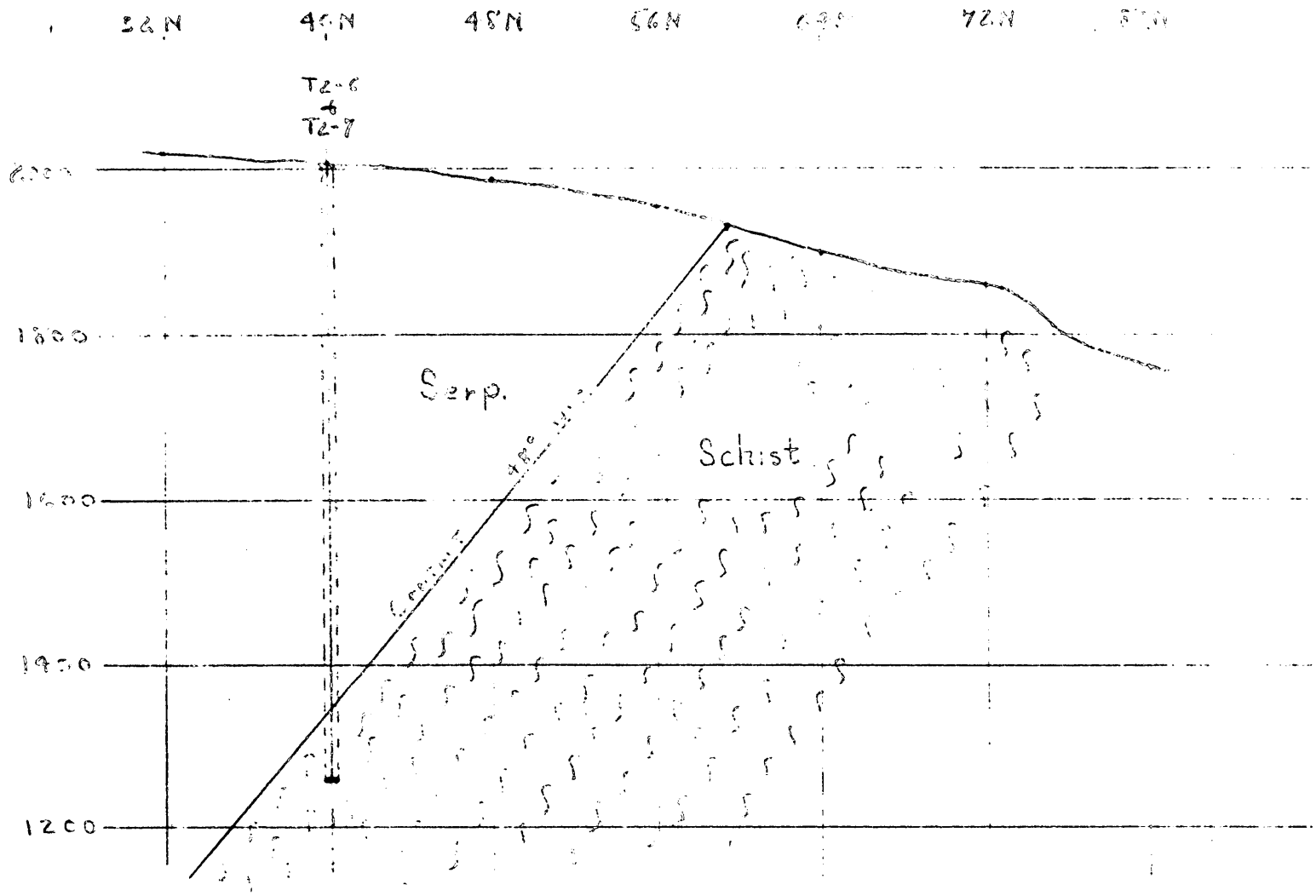
N

DMEA 2080 CONTRACT E 286

DIAMOND DRILLING PROGRESS MAP 7A

Scale 1" = 200' Contour Interval 20'

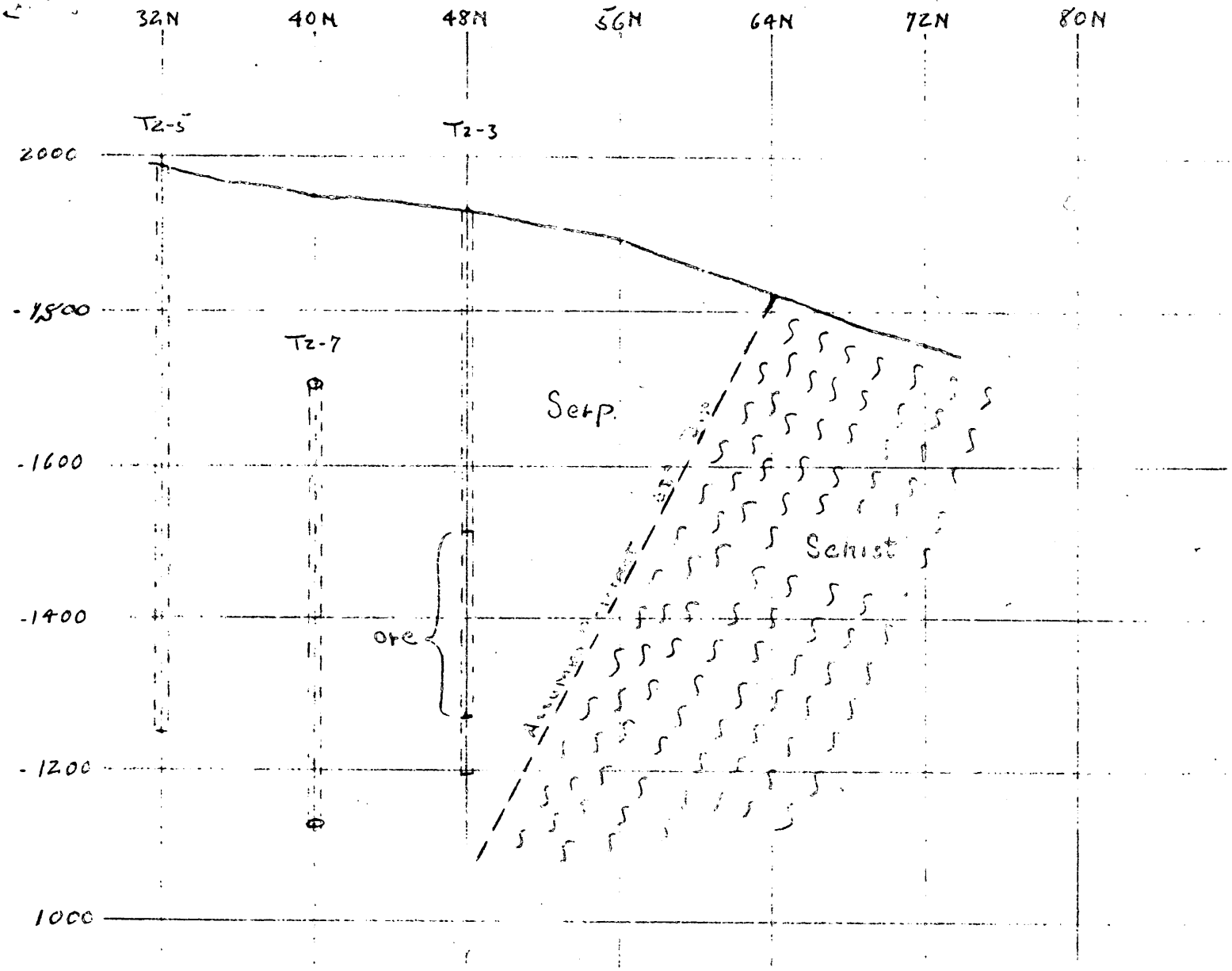
Aug 10, 1953



SECTION
ON
16E LINE

Scale 1" = 200'

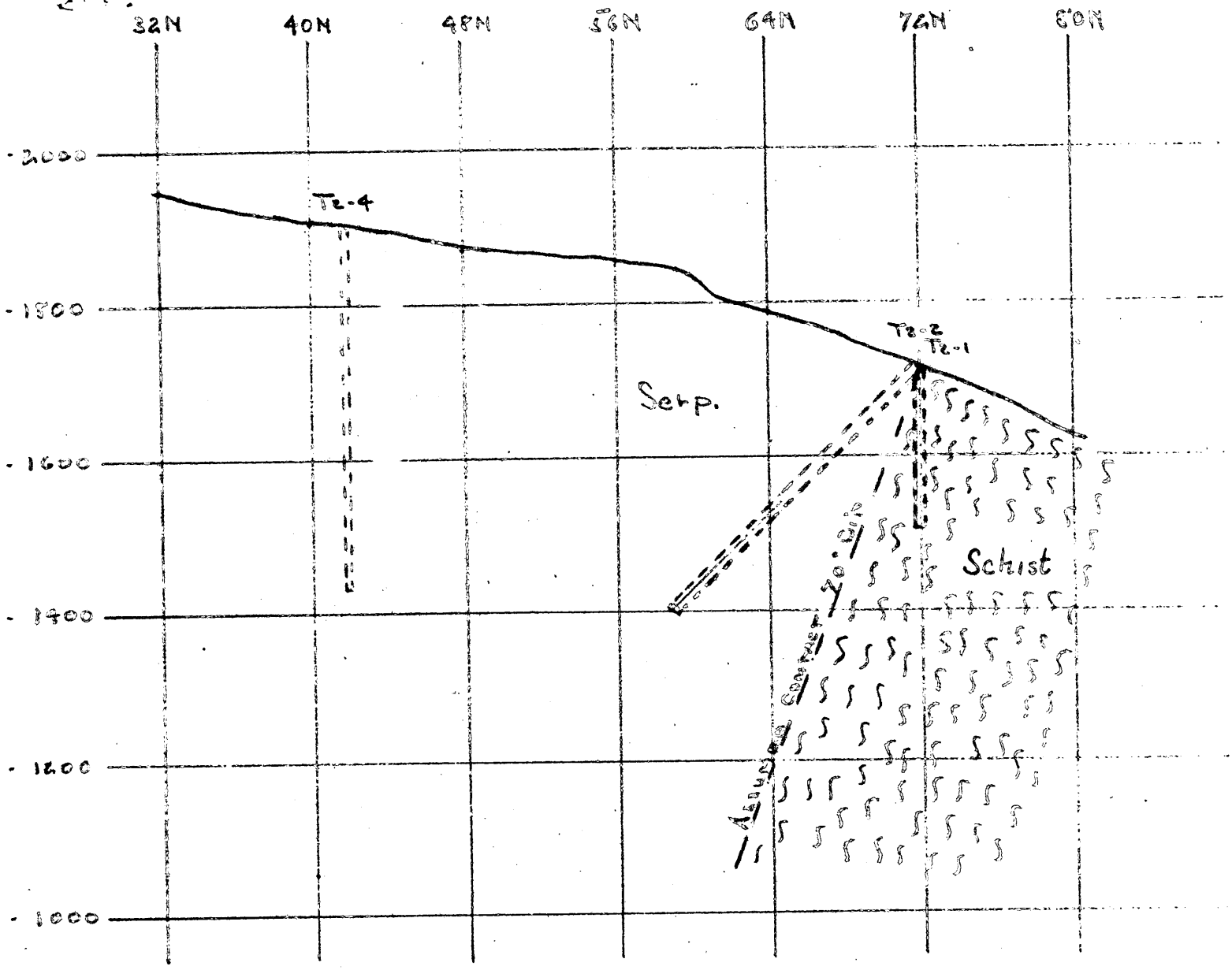
Aug. 10, 1973



Section
on
29E line

Scale 1" = 200'

Aug. 12, 1953



SECTION
ON
32E LINE

Scale 1" = 200'
Aug. 10, 1953

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 20 1953

July 17, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-2080X - (Asbestos)
The Ruberoid Company, Hyde Park, Vermont
Lamoille & Orleans Cos., Vermont
Contract No. Idm-E286

Transmitted herewith in quadruplicate is H. L. Burmeister's Field Inspection Report of July 15, for contract Idm-E286.

W. T. Millar

W. T. Millar

Enclosures 4

Defense Minerals Administration

JUL 20 1953

DMEA
Field Inspection Report
by
H. L. Burmeister, Engineer
July 15, 1953

Operator:	The Ruberoid Co., Vermont Asbestos Mines Division, Hyde Park, Vermont
Location:	Orleans and Lamoille Counties, Vermont
Docket No.:	DMEA-2080X
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.00
Government Participation:	90% - $56,250.00
Duration of Contract:	April 1, 1952 to November 1, 1953

This property was visited July 14, 1953. Mr. Gilmore who is in direct charge of exploration and Mr. Freeman the accountant were contacted.

The monthly progress report for June was completed and awaiting signature. The amount of $937.54 for technical services from January 1953 to April 1953, which has been disallowed by the Government, has again been submitted in the June report. Mr. Freeman stated that/it is disallowed, corrections will be made in the July report.

One diamond drill is operating under this contract. Drill hole T2-6 in Areas No. 3 was completed July 14, at a depth of 750 feet. The serpentine-schist contact was encountered at 654 feet and the core was practically barren of asbestos fibre. In elevation the serpentine-schist contact is 150 feet above the bottom of drill hole T2-3. This indicates that the elevation of the serpentine-schist contact increases sharply from T2-3 to T2-6.

The tentative location of T2-7 as previously reported, is now abandoned and this hole which is starting this date will be drilled from the same setup as T2-6. T2-7 will be drilled on an inclination of 71 degrees and pointing southeast on the 40 N gride line. It is planned to drill to 1,000 feet and it is doubtful if the schist-serpentine contact will be encountered.

From information available at this time, it is probable that drill hole T2-8 will not be drilled at the intersection of lines 16E and 56N as previously planned. If the results obtained in drilling hole T2-7 are not more encouraging than those of T2-6, the company may wish to terminate the contract.

H. L. Burmeister
Mining Engineer

College Park, Md.
July 17, 1953

JUL 30 1953

College Park, Maryland

July 29, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Operator's Monthly Report - June 1953
Docket No. DMEA-2080 - (Asbestos)
The Ruberoid Company, Hyde Park, Vermont
Contract No. Idm-E286

Transmitted herewith are two copies of the June progress report from the Ruberoid Company for contract No. Idm-E286, which has been certified for payment by the Finance Officer, DMEA, Region VIII.

W. T. Millar

Enclosures 2

WTM:rwa

copy for DMEA Files 2
GeoCSelfridge

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.

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-Term~~ 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:						
~~Bit~~ Core Bits	----	3,720.26	3,720.26			
~~Extra~~ Core ~~Bits~~	----	611.25	611.25			
~~Bit~~ 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 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:

$ 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. IdnE286 in accordance with the terms of the contract.

Signature Heumann Title Mining Eng Date 7/20/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. T. Mullar 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 MF-104A
(April 1952)

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

Department of the Interior
Defense Minerals Administration
RECEIVED
JUL 30 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR

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	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Contract	Ft.	642.71	184	28,680.99	6315	4.542	6000	3.163
Core ~~Other~~ Company	Ft.	----	----	21,994.50	6202.7	3.546	3000	3.493
							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 C

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.

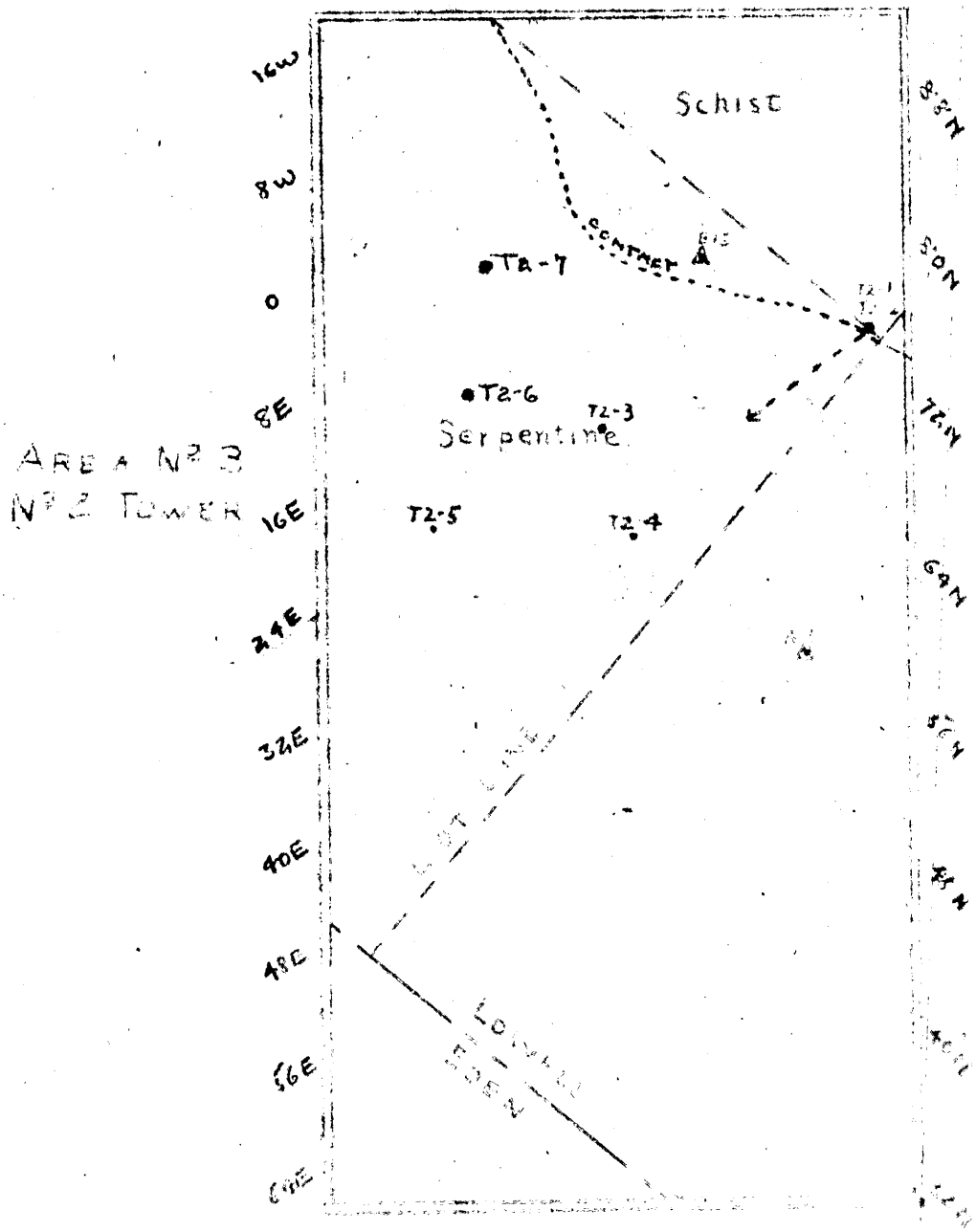
J. K. Gilmore

JKG/cl

DI[illegible] 2080 [illegible]

DIAMOND [illegible]

Scale 1" = [illegible] July [illegible]



98

DMEA
Summary Report
June 30, 1953

Operator:	The Ruberoid Company, Vermont Asbestos Mines Division, Hyde Park, Vermont
Location:	Eden & Lowell Townships, Lamoille and Orleans Counties, Vermont
Docket No.:	DMEA-2080
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.00
Government Participation:	90% - $56,250.00
Duration of Contract:	April 1, 1952 to November 1, 1953

This project was authorized for the purpose of exploring for asbestos in a sheared area favorable to deposition, by diamond core drilling.

The original contract authorized a maximum of 12,000 feet of diamond core drilling in four areas totaling 600 acres. The maximum allowable footage was completed and the operator requested authority for additional drilling in one locality of the area where the results of core drilling are more favorable for greater concentration of asbestos.

During this exploration 25 holes were drilled and the cores from 23 of these holes contained asbestos varying from a fraction of one percent to 3.82 percent. A study of the results of the exploration indicated that the additional drilling is justified and that it is possible a deposit of economic importance may be discovered.

The contract was amended to permit an additional 3,000 feet of drilling in the locality which is considered the most favorable for a greater concentration of asbestos, without increasing the total cost of the project. This was possible because the efficiency with which the exploration is being conducted reduced the operating cost.

Approximately $50,000.00 of funds allotted for this contract have been expended.

College Park, Maryland

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. Miller

Enclosures 2

WTM:rwa

cc for LGHouk
DMEA Files 2

C
O
P
Y

Mr. Hewes file

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.

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 May, 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	-	23015.55	23015.55			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	-	14085.66	14085.66			
Supervision						
Technical Services	80.00	3924.46	4004.46			
(3) Operating Mat'ls. and Supplies:						
Timber Core Bits	-	3720.26	3720.26			
Explosives Core Holes	-	611.25	611.25			
Pipe Core Materials	-	271.67	271.67			
Track						
Gasoline	-	626.79	626.79			
Other	-	1471.63	1471.63			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	-	1508.96	1508.96			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	1.18	388.13	389.31			
Liability Insurance	.59	113.15	113.74			
Transportation	-	133.50	133.50			
(8) Contingencies (specify):						
TOTALS	81.77	49951.01	50032.78			

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

Date June 4, 1953 *Payee The Ruberoid Co.

Per [signature] Title Real Est.

*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-49
(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. E286 in accordance with the terms of the contract.

Signature R. L. Burmester Title Mining Engr. 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 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 May 1953 Docket No. DMEA 2080 Contract No. 286
Operator's Name The Roberold 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 Cambrect	Ft.	-	-	28039.28	6131	4.573	6000	5.463
Core Chem Company	Ft.	81.77		21994.50	6202.7	3.546	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				62500.00

Corr.??
L.E.N.

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 Roberold 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)

Remarks:

(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.

#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
Assistand 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
		5,726.92	1433.08

NARRATIVE REPORT

DMEA 2080 Contract N286

Month of May 1953

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

Drilling is expected to start on hole TE-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.

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.

Yours very truly,
THE RUBEROID COMPANY

/s/ Michael J. Messel
General Superintendent

MJMsp

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

June 1, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VIII

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

Transmitted herewith in quadruplicate is H. L. Burmeister's Field Inspection report of May 26, on subject contract.

W. T. Millar

W. T. Millar

Attachments - 4

DMEA
Field Inspection Report
by
H. L. Burmeister, Engineer
May 26, 1953

Operator:	The Ruberoid Co., Vt. Asbestos Mines Hyde Park, Vermont
Location:	Orleans & Lamoille Counties, Vermont
Docket No.:	DMEA-2080X
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.00
Government Participation:	90% - $56,250.00
Duration of Contract:	April 1, 1952 to November 1, 1953

This property was visited May 26, 1953; Mr. J. K. Gilmore, geologist, and Mr. W. B. Millar, consulting geologist, were contacted.

Amendment No. 3, to the contract, has been sent to the company offices in New York, but has not yet been returned to the mine. The Executive Officer's letter to the Ruberoid Company under date of May 22, has apparently cleared up the belief that stand-by time might be incurred in notifying the Executive Officer regarding the location of holes next to be drilled and the reasons for this location. It is understood and agreed that telephone notification substantiated by confirming letters are in order.

Both Mr. Gilmore and Mr. Millar state that hole JM-11 was drilled a number of years past and the casing pulled, the casing was also pulled on hole T2-2, and that neither hole can be opened and advanced. It is planned to start drilling with hole T2-6 and as tentatively planned, followed by T2-7 and T2-8, the locations of which are shown on the accompanying map. The collar elevation and depth of these holes are listed below:

Hole	Collar Elevation	Depth of Hole
T2-6	2005'	700'
T2-7	2018'	700'
T2-8	1950'	700'

A map of the T2 or No. 2 area is enclosed on which is indicated the location of hole T2-6 and the tentative locations of T2-7 and T2-8. The coordinates which will apply in the company reports of hole locations have been added for guidance.

Drilling will probably be done by a contractor as the company does not wish to disturb their plans for the operation of company owned drills. Both Mr. Gilmore and Mr. Millar estimate that drilling can begin not later than one month after the company signs Amendment No. 3.

Also, both Mr. Gilmore and Millar agree that in underground mining the ore would have to be of a minimum value of $4.50 per ton.

H. L. Burmeister
Mining Engineer

College Park, Md.
May 29, 1953

College Park, Maryland

May 20, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-2080 - (Asbestos)
The Ruberoid Company, Vermont Asbestos Mines
Hyde Park, Vermont - Contract No. Idm-E286
Operator's Monthly Report for April 1953

Attached hereto are two copies of the April progress report from the Ruberoid Company, for contract Idm-E286, which has been certified for payment by the Finance Officer, Region VIII.

W. T. Millar

Enclosures - 2

copy for DMEA Files - 2
GeoCSelfridge

Form M[illegible]-104 (Rev.)
(Apr[illegible] 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERI[illegible]
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 [illegible] Contracts:						
Drilling	[illegible]	[illegible]	[illegible]			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	[illegible]	[illegible]	[illegible]			
Supervision						
Technical Services	[illegible]	[illegible]	[illegible]			
(3) Operating Mat'ls. and Supplies:						
[illegible]	[illegible]	372.26	372.26			
[illegible]	[illegible]	611.25	611.25			
[illegible]	[illegible]	271.67	271.67			
Track						
[illegible]	[illegible]	[illegible]	[illegible]			
Other	[illegible]	1,471.63	1,471.63			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	[illegible]	[illegible]	[illegible]			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	[illegible]	[illegible]	[illegible]			
Liability Insurance	1.72	[illegible]	[illegible]			
[illegible]	[illegible]	133.50	[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 May 8, 1953 *Payee The Ruberoid Co.

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:

$ 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. E286 in accordance with the terms of the contract.

Signature W. W. 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:

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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".

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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 F-104A
(April [illegible])

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
[illegible]
MAY 8 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	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Drilling: Core	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Churn								
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 [illegible] Title [illegible]

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.

2080

April 1953

Status of Allowable Maximum

	Contract Amount	Used thru April 30, 1953	Balance Available
Sub. Contract Drilling	$[illegible],000.00	$[illegible]085.35	$[illegible].65
Assistant Geologist	2400.00	2364.46	35.54
Mine Geologist	960.00	640.00	320.00
Consulting Geologist	1200.00	900.00	300.00
Depreciation - Drill Rig etc.	2000.00	1453.96	546.04
" Trucks	300.00	35.00	265.00
Transportation	300.00	133.50	166.50

MONTHLY REPORT

D R S A - [illegible] Contract [illegible]

Month of April 1973

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 Louisiana Geological Survey has been engaged in surveying for the location of the proposed drill hole in area No. 3 (Group 2), in preparation for this additional work.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAY 19 1953

May 19, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-2080 - (Asbestos)
Contract No. Idm-E286
The Ruberoid Co., Hyde Park, Vermont (2nd application)

Attached hereto in quadruplicate is H. L. Burmeister's report on operations during April, for subject contract.

W. T. Millar

W. T. Millar

Attachments - 4

Defense Minerals Administration
MAY 19 1953

DMEA
Report on Operation during April 1953
by
H. L. Burmeister, Engineer
May 18, 1953

Operator:	The Ruberoid Company, Vermont Asbestos Mines, Hyde Park, Vermont
Location:	Orleans and Lamoille Counties, Vermont
Docket No.:	DMEA-2080
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.00
Government Participation:	90% or $56,250.
Duration of Contract:	April 1, 1952 to November 1, 1953

Amendment No. 3 to this contract was mailed to the Ruberoid Company on May 15, 1953 for signature but has not been returned as of May 19, 1953.

The allowable footage for drilling under this contract was completed during December of 1952 with a balance of approximately $13,000.00 to the credit of the estimated cost for this project. The Operator requested permission for more detailed drilling in an area that core drilling, during this project, indicated to be the most favorable for concentration of asbestos in a minable quantity. Amendment No. 3, authorizing approximately 3,000 feet of drilling, was prepared. The cost of the additional drilling is on a unit basis which is to be paid from the balance to the credit of this contract, without increasing funds.

H. L. Burmeister
Mining Engineer

April 6, 1953

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

Contract XDM-2-256 Budget 2080 - March - 1953 Report

Dear Mr. Miller:

Attached please find report for March which includes cost of $811.39.

We trust that this report will be found in order.

Very truly yours,

The [illegible] Co.

[illegible] J. Burrell
General Superintendent

MJB/kl

cc: Mr. T. E. Kennedy
Mr. S. T. Mazurkiak

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 17 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]	[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]	[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:

$ 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. Eng. 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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 17 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]	[redacted]	—	—	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Core [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 [redacted] Title [redacted]

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)

62500.00
49716.98
12783.02

3659.6 × 3.493
= $12,783

6131 × 4.573 = 28037.063
6202.7 × 3.493 = 21666.031

$62500.00
49,716.98
12,783.02

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

MONTHLY REPORT
[illegible]
MONTH OF March 1953

No drilling was done and no field parties 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 Hampshire and we are forwarding a letter summarizing our justification for this additional work to the Executive Officer.

E. E. E. A.
2050

March - 1953

Status of Allowable Maximum

	Contract Amount	Cost Thru March 31, 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 Bus	[illegible]	[illegible]	[illegible]
" - Trucks	[illegible]	[illegible]	[illegible]
Transportation	[illegible]	[illegible]	[illegible]
	31160.00	28433.53	2726.47

March 6, 1953

Mr. V. T. Miller, Acting Executive Officer,
U. S. Department of Interior
Bureau Mineral Exploration Administration,
Region VIII
College Park, Maryland.

<u>Contract [illegible] Project [illegible] - February - 1953 Report</u>

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. Hassel
General Superintendent

[illegible]/ml

cc: Mr. T. H. Kennedy
Mr. C. T. [illegible]

Form MF-1[redacted] (Rev.)
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 2 1953

UNITED STATES
[redacted]PARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
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: 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 [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]	[redacted]	[redacted]			
Track						
[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:

$ 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. 7dm E286 in accordance with the terms of the contract.

Signature N G Eilertsen Title Mining Engineer Date March 20 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. 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
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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]

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

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

D. M. E. A.
2080

February 1953

Status of Allowable Maximum

	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]
	[illegible]	[illegible]	[illegible]

NARRATIVE REPORT

D. M. E. A. 2080 Contract 186

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 T-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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 20 1953

College Park, Maryland

February 20, 1953

Memorandum

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

From: Acting Executive Officer, DMEA Field Team, Region VIII

Subject: Report of Operations under DMEA Contracts during January, 1953

Transmitted herewith in quadruplicate are reports by M. L. Burmeister, on the following contracts:

Idm-E23	The Ruberoid Co. (1st application)
Idm-E94	Vermont Copper Co., Inc.
Idm-E256	Richard N. Berry (Atwood Mine)
Idm-E286	The Ruberoid Co. (2nd application)
Idm-E441	Alstead Mica Miners, Inc.

Omer 2080

. T. Millar

Enclosures

WTM:rwa

copy for GeoCSelfridge
DMEA Files 2

DMEA
Report of Operation during January, 1953
by
H. L. Burmeister
February 19, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 20 1953

Operator:	The Ruberoid Company, Vermont Asbestos Mines, Hyde Park, Vermont
Location:	Orleans and Lamoille Counties, Vermont
Docket No.:	DMEA-2080
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.00
Government Participation:	90% or $56,250.00
Duration of Contract:	From April 1, 1952 to July 1, 1953

Due to the severe weather conditions no field parties operated during the month of January. The 12,000 feet of drilling estimated under the contract was completed during December 1952.

The company has submitted a request to drill an additional 3,000 to 4,000 feet as there remains unspent funds sufficient for this purpose. This request is now being considered by the Field Team and recommendations will be made.

H. L. Burmeister
Mining Engineer

College Park, Md.
February 19, 1953

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
FEB 26 1953

February 25, 1953

Memorandum

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

From: Acting Executive Officer, DMEA Field Team, Region VIII

Subject: Operator's Monthly Report - January 1953
The Ruberoid Company, Vermont Asbestos Mines Division,
Orleans and Lamoille Counties, Vermont
Contract Idm-E286, Docket DMEA-2080 - (Asbestos)

Attached are two copies of the Progress Report for January 1953 from the Ruberoid Company, Contract Idm-E286, which has been certified for payment.

W. T. Millar

W. T. Millar

Enclosures - 2

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

Budget Bureau No. 42-R1036.3.
Approval Expires 10-31-53.

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 January, 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: Short Form						
Drilling		23015.55	23015.55			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor		14085.66	14085.66			
Supervision						
Technical Services	275.35	3007.09	3282.44			
(3) Operating Mat'ls. and Supplies:						
Timber Core Bits		3720.26	3720.26			
Explosive Core Boxes		611.25	611.25			
Fuse Core Barrels		271.67	271.67			
Track						
Gasoline		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	3.76	374.81	378.57			
Liability Insurance	2.85	106.30	108.35			
Transportation		133.50	133.50			
(8) Contingencies (specify):						
TOTALS	281.36	4913.47	4929.63			

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

Date 2-11-53 *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:

$ 253.04

Signature F. R. Rantnor, 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. Burmeister Title Mining Eng. Date 2/18/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. G. Millar 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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 26 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1953 Docket No. DMEA 2000 Contract No. 226
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.			28038.28	6131	4.573	6000	5.463
Core Drill Company	Ft.	281.16		21256.35	6202.7	3.427	6000	4.953
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
								TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS		281.16		49294.63				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		281.16		49294.63				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 2-23-53 Operator The RUBEROID Co.

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.

2880

Status of Allowable Maximum

	Contract Amount	Cost thru Jan. 31, 1951	Balance Available
Sub-Contract Drilling	$[illegible]	$[illegible]	$[illegible]
Assistant Geologist	2400.00	1742.44	657.56
Mine Geologist	960.00	640.00	320.00
Depreciation-Drill Rig, etc.	2000.00	1553.96	446.04
" Tractor	300.00	35.00	265.00
Transportation	300.00	133.50	166.50
Consulting Geologist	1200.00	900.00	300.00

NARRATIVE REPORT
D. M. E. A. 2080 Contract E286

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.

DMEA
Summary Report
January 28, 1953

Operator:	The Ruberoid Company, Vermont Asbestos Mines, Hyde Park, Vermont
Location:	Eden and Lowell Townships, Lamoille and Orleans Cos., Vermont
Docket No.:	DMEA-2080
Contract No.:	Idm-E286
Commodity:	Asbestos
Total Cost:	$62,500.
Government Participation:	90% - $56,250.
Duration of Contract:	From April 1, 1952 to July 1, 1953

This project was authorized for the purpose of finding additional reserves of asbestos in a sheared area favorable to deposition. Exploration is being done by diamond drilling.

It is estimated that a total of 12,000 feet of diamond drilling can be done under the authorized total cost.

As of January 1, 1953, a total of 12,334 feet of drilling has been completed in 28 drill holes. Three of four plots covered by the contract have been drilled. Asbestos has been encountered in some of the drill holes, but the results to date are not particularly encouraging. Work on this project has been recessed for the winter.

Total cost to date is $49,013.47, of which Government participation is $44,112.12.

A request was made by the Ruberoid Company for permission to revise the remainder of the drilling program authorized under this contract. Justification of this request is being studied by the Field Team.

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copy for:
GeoCSelfridge
Room 4624-Interior

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The RUBEROID Co.
Hyde Park, Vermont

R

January 17, 1953

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

Contract DMEA - E286 - Docket 2080 - December Report

Dear Mr. Mosier:-

Attached please find report for December which includes a cost of $4,552.23. 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.

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

MJM:vv

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

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 December, 195 2 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 Contractors:						
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 E. 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 W. L. Burmeister Title Min. Engr. Date 1/21/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. T. 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 3 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	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]
Auger								
Stripping					12,333T			
Trenching								
Test Pits								
Roads and Trails								
								TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS		[redacted]		[redacted]				
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]

By [signature] Title [signature]

REMARKS: [redacted]

→ 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 M A
2080

Status of Allowable Maximum

	Contract Amount	Cost thru Dec. 31, 1952	Balance Available
Sub-Contract Drilling	24,000.00	[illegible]	[illegible]
Assistant Geologist	2,400.00	1,547.87	852.13
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
NMSA [illegible] CONTRACT [illegible]
MONTH OF DECEMBER 1963

Only one drill, operated by a contractor, was active on this project during the month. Hole [illegible] was completed to a depth of [illegible] feet. The core showed only a few scattered veins of silt fibre. No 10 foot section would yield over 0.[illegible]. 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 [illegible] to [illegible] feet. The additional footage will not increase the total cost of the project.

DMEA 2080 CONTRACT E 286

LOG OF DRILL HOLE Nº T 33

LOCATION: AREA Nº 1 PROPERTY: RUBEROID

ANGLE OF HOLE: 90° DEPTH: 1002' SCALE: 1" = 100'

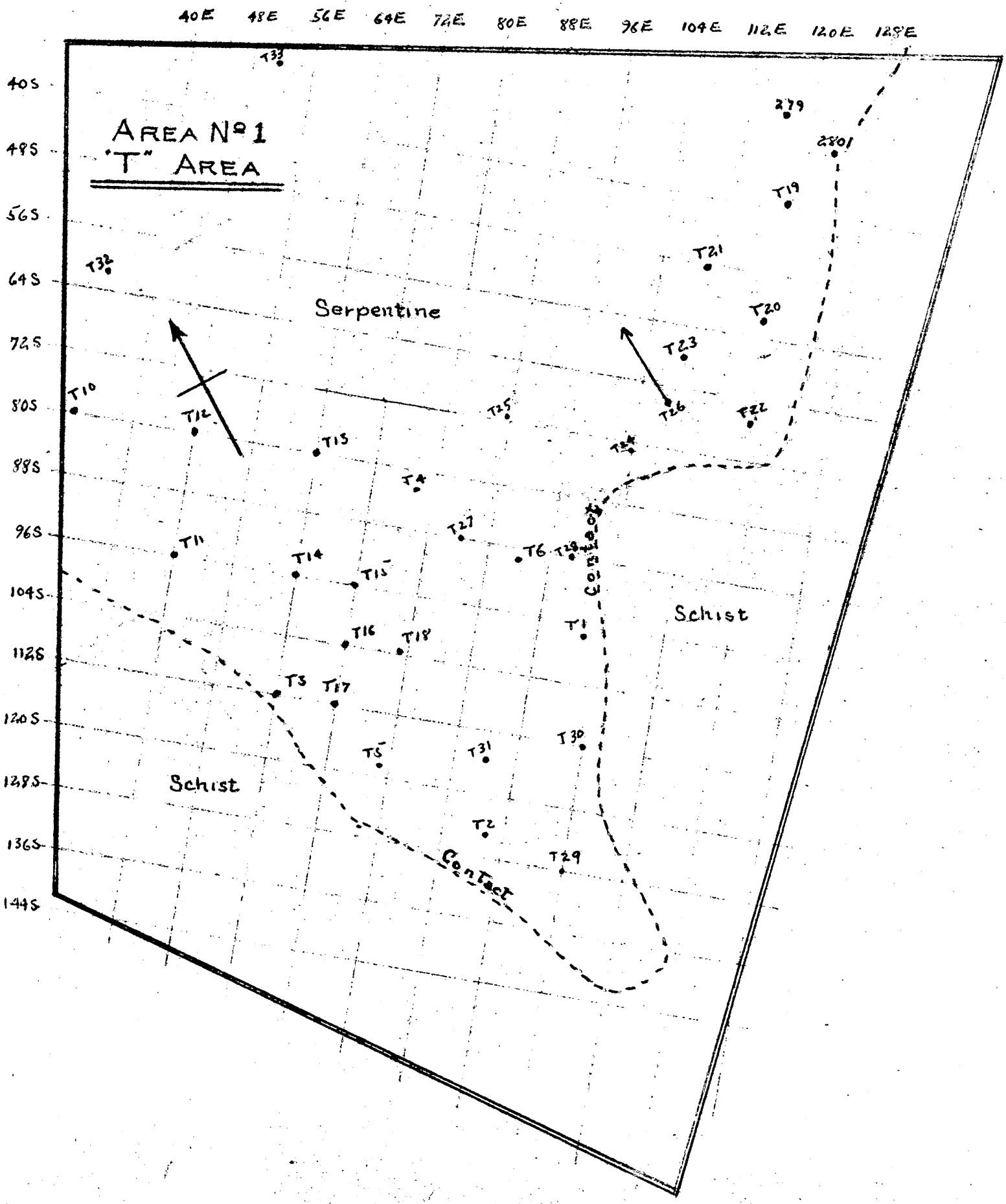
FEET	EST. % FIBER	DESCRIPTION
0		
10	OVERBURDEN	
	0.2 %	This hole was drilled in serpentine at an angle of 90° to a depth of 1002 feet. Overburden was 10 feet deep. In general the serpentine is very poorly mineralized and not well sheared.
100		
	0.5 %	
175		The first section down to 100 ft. was practically barren serpentine.
	0 %	From 100 to 175 ft, the core shows some shearing with small amounts of very short slip fiber some of which was of good quality.
300		
	0.3 %	The next section down to 300 ft. was barren serpentine.
400		From 300 to 400 ft, the rock contained short slip fiber which was released.
		From 400 to 690 ft. the core was a green to grey colored serpentine with less than ½% short slip fiber. Talc occurs in the fiber seams.
750		
	0.2%	The following section down to 750 feet showed some slip fiber of good quality.
	0.3%	The last section from 750 to 1002 feet was green colored serpentine with less than ½% short slip fiber.
690		
	0.5%	
750	1002	

LOGGED BY, L.J.
JAN. 14, 1953

DMEA 2080 CONTRACT E286

DIAMOND DRILLING PROGRESS MAP 1.

Scale 1" = 400' Date: JANUARY 1953



SUMMARY REPORT OF PROGRESS & RECOMMENDATIONS
DMEA 5[illegible] - CONTRACT [illegible] - JAN. 15, 1[illegible]

To date a total of 12,111.7 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,[illegible].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 wide 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 Eden Quarry where 6,[illegible] 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 4,131 feet were drilled. These holes were drilled to look for extensions in depth of the mineralized area of the abandoned Eden Quarry. The serpentine in all 5 holes was nearly barren. Three of the holes bottomed in sericite schist indicating the serpentine zone was thining out in this area. Contacts were mapped in more detail to the southwest 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 viable ore body.

In Area No. 3, the Tower #2 Area, 5 holes were drilled, totaling 2,591 feet. One hole, T2-3, intersected an ore section of 239 feet, averaging $4.[illegible]/ton of ore. Holes T2-4 and T2-5 were drilled to see if this zone extended southeast or southwest. 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 asbestos 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 acre of which have been indicated by the magnetometer and one 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 Dec. 31st, 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

Progress 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	5592 to 6092	ft.
No. 4	Magnetometer Area	None	
	Totals	15333 to 15833	ft.

	Original Estimate	Approximate amount expended thru Dec. 31/52	Amount Remaining Dec. 31/52	Estimated requirements for additional 3000' - 3500' Drilling
	Dollars	Dollars	Dollars	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
Surveyors	5,836	4,467	1,369	2,721
General Laborers	5,568	8,117	3,451	988
Assistant Geologist	2,400	1,547	853	853
Mine Geologist	960	540	420	420
Compensation Ins., Soc. Security, Unemployment Ins.	782	485	297	168
Consulting Geologist	1,200	900	300	300
(3) Operating Materials & Supplies:				
Drill Bits	5,050	3,479	1,571	2,039
Core Barrels, Liners, etc.	1,280	871	968	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.	2,000	1,554	911	800
" Tractor	300	35		
(5) Transportation:	300	133	167	67
Totals	62,500	49,014	13,485	13,485

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 DMA-R266 - Docket 3080 - 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 re-allocation of funds for further drilling next spring when the weather conditions permit.

Total of this contract was for $62,500 and a total of $44,461.24 has been spent to the end of November.

Very truly yours,

The RUBEROID Co.

Michael J. Mansel
General Superintendent

MJM:vv

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

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 November, 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: 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	1770.00	17,495.55	19,265.55			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1002.04	12,944.33	13,946.37			
Supervision						
Technical Services	274.31	2,248.63	2,522.94			
(3) Operating Mat'ls. and Supplies:						
Core Bits	48.89	3,671.37	3,720.26			
Core Boxes	—	611.25	611.25			
Core Barrels	—	106.37	106.37			
Track						
Gasoline	74.54	552.25	626.79			
Other	202.18	1,266.90	1,469.08			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	107.62	1,481.34	1,588.96			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	22.84	347.33	370.17			
Liability Insurance	8.70	95.26	103.96			
Transportation	21.00	108.54	129.54			
(8) Contingencies (specify):						
TOTALS	3532.12	40,929.12	44,461.24			

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

Date 12-9-52 *Payee The Ruberoid Co.

Per Manuel Jurmond Title Treas. 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:

$ 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 K. L. Burmeister Title Min. Eng. Date 12/12/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. T. Miller Title Acting Exec. Officer Date 12/12/52

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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.

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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".

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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.

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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 November, 1952 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.	2369.08	472'	23,486.05	5331	4.577	6000	5.463
Core Company	Ft.	1161.04	107'	20,975.19	6200.7	3.382	6000	4.953
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		3532.12		44,461.24				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		3532.12		44,461.24				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 12-9-52 Operator The Ruberoid Co.

Per [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

D. M. E. A. [illegible]

STATUS OF ALLOWABLE MAXIMUM

	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	1,362.94	1,037.06
Mine Geologist	960.00	560.00	400.00
Consulting Geologist	1,200.00	600.00	600.00
Depreciation - Drill Rig, etc.	2,000.00	1,553.96	446.04
" Trucks	300.00	35.00	265.00
Transportation	300.00	129.54	170.46

NARRATIVE REPORT
DMEA 2060 CONTRACT E286
MONTH OF NOVEMBER, 1958

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, 300' to the northwest. 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 2060 CONTRACT E286
MONTH OF NOVEMBER, 1958

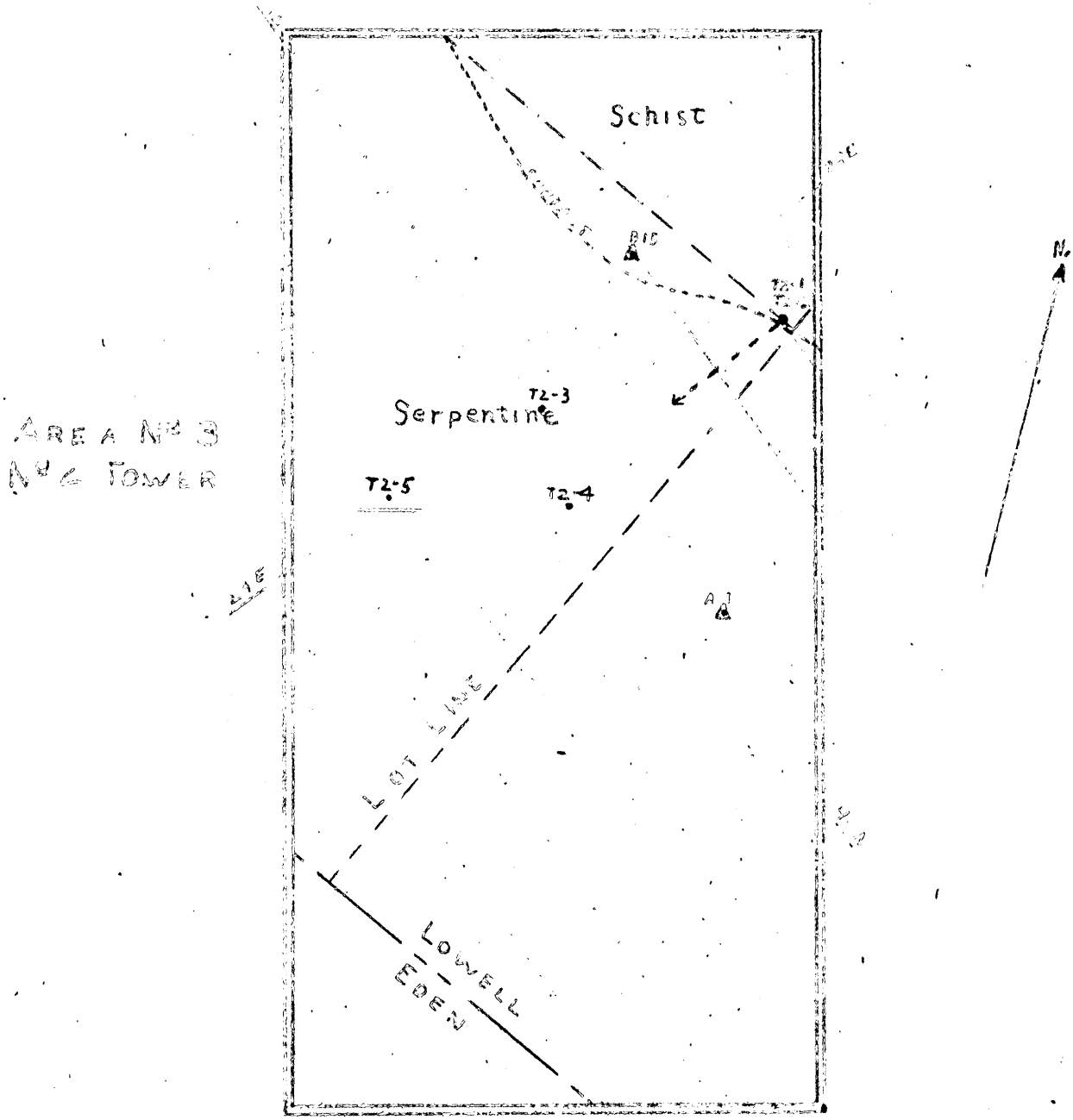
Hole No.	From Ft.	To Ft.	Feet Drilled This Month	Unit Price	Total Cost
Contract Drilled Holes:					
T-32	528	1,000	472	$3.75	$1,770.00
Company Drilled Holes:					
T2-5	627	734	107		

Total Feet This Month	579	
Total Previously Drilled	[illegible]	10754.7
Total to Date	[illegible]	11333.7

DMEA 2080 CONTRACT E 286

DIAMOND DRILLING PROGRESS MAP 7.

Scale 1" = 400' DECEMBER 1952.

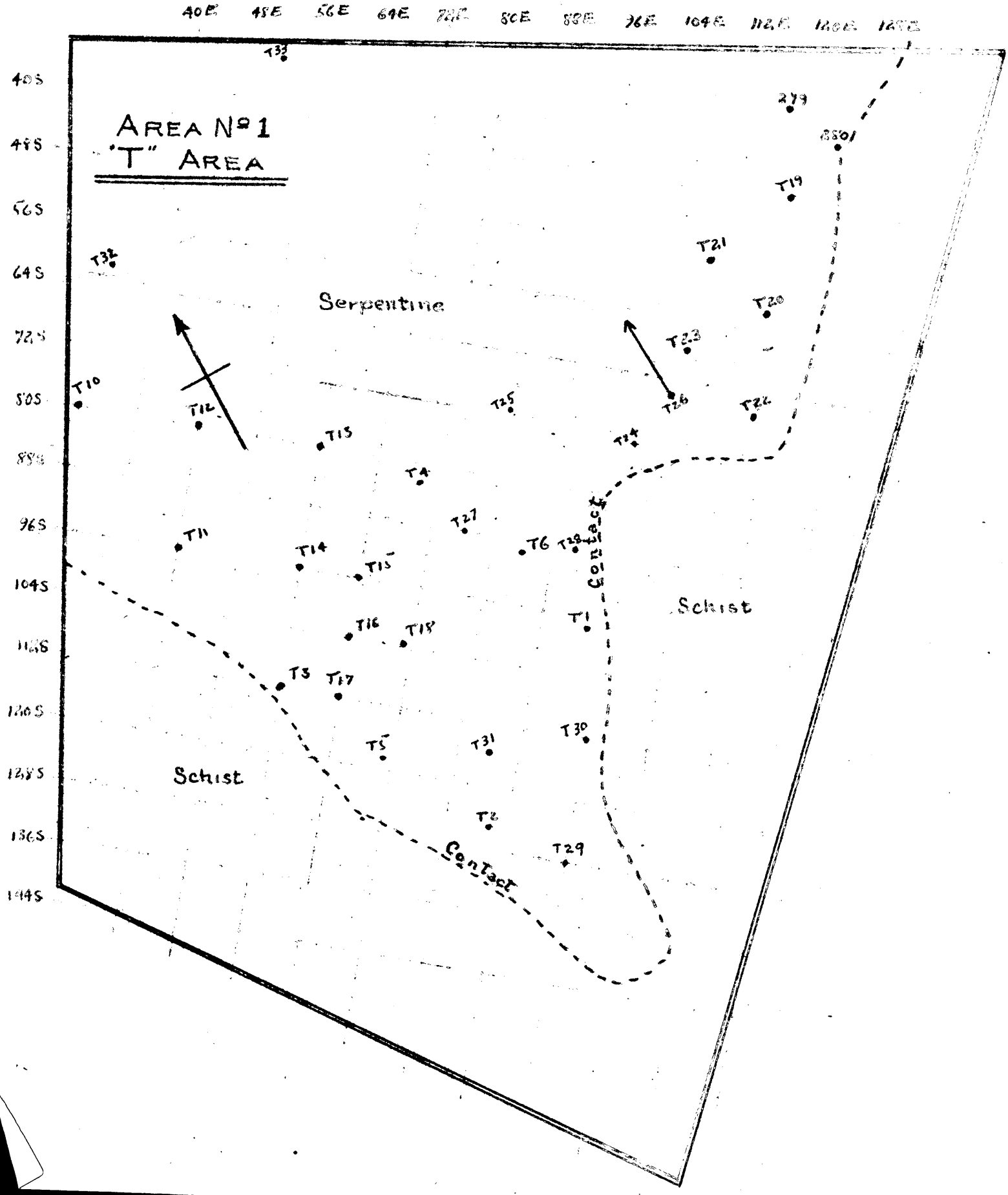


DMEA 2050 CONTRACT F286

DIAMOND DRILLING PROGRESS MAP 1.

Scale 1" = 400'

Date: DECEMBER 11, 1958



DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº T2-5

LOCATION: AREA Nº3 PROPERTY: RUBEROID

ANGLE OF HOLE: 90° DEPTH: 734' SCALE: 1" = 100'

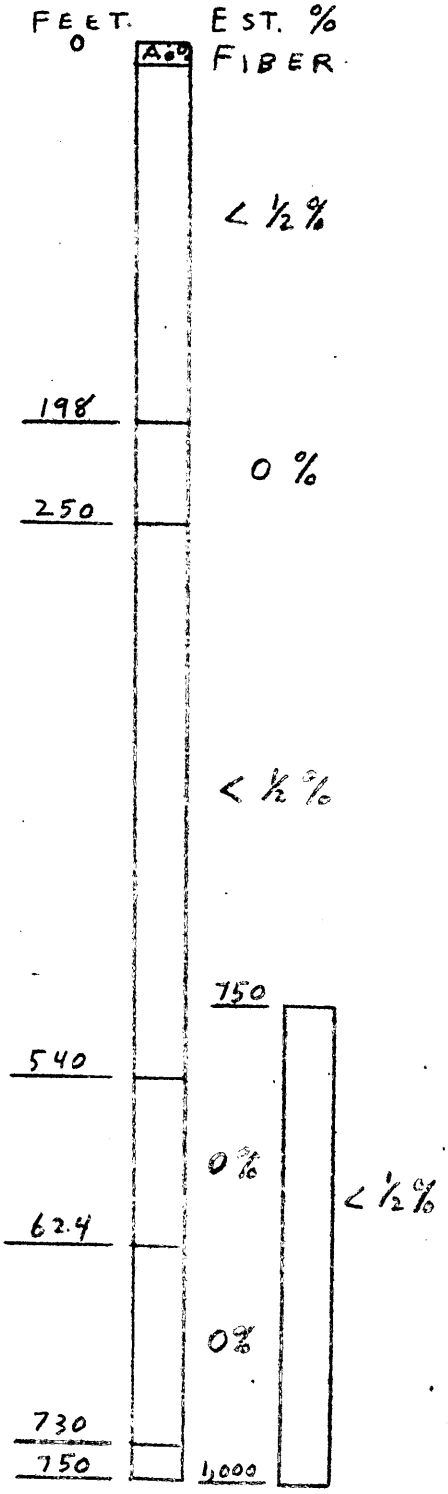
FEET	EST % FIBER	DESCRIPTION
0		
10		
	1½ %	This hole was drilled to a vertical depth of 734 feet at an angle of 90°. Overburden was 10 feet.
120		The first section from 10 to 120 ft. was a light to dark grey colored serpentine. The rock was well sheared and showed slip fiber of both good and poor quality (brittle and talcose). 1½ % fiber content.
	1 %	
295		The next section down to 295 feet is dark grey serpentine. It is poorly sheared and mineralized. The slip fiber is of good length and quality. 1 %
	½ %	The rest of the hole from 295 to 734 feet is also dark grey serpentine which is poorly sheared and mineralized. There is some short slip fiber in the section. ½ %
734		The core was graphitic at 540, 670 and 720 feet.

Logged by L. J.
DECEMBER 4, 1952

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº T32

LOCATION: AREA Nº 1 PROPERTY RUBEROID
ANGLE OF HOLE 90° DEPTH 1,000' SCALE 1" = 100'



DESCRIPTION

This hole was drilled verticle to a depth of 1,000 feet. Overburden was 7½ feet deep.

The first section from 7½ to 198 feet is a grey colored serpentine irregularly mineralized with some very short slip fiber. < ½%

The next 50 foot section down to 250 ft. is barren serpentine.

From 250 ft. to 540 ft. the core is light to dark grey serpentine which is poorly sheared and mineralized. This section has less than ½% of short slip fiber

The section from 540 to 624 ft. is a transition type of rock (serpentine to talc). No fiber

The next section down to 730 ft. is a greenish-white talc grit. No fiber.

From 730 ft. to the bottom at 1000 ft. the rock is a grey colored serpentine with some short slip fiber < ½%

The hole is not ore grade.

LOGGED BY, L. J.
DECEMBER, 5, 1952

Mr. Heaney

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

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
NOV 20 1952
Mr. Monroe

November 19, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA

From: Acting Executive Officer, DMEA Field Team, Region VIII

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

Attached are the original and three copies of the October Field Inspection Report by H. L. Burmeister, on subject contract.

W. T. Millar

W. T. Millar

Attachments - 4

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 20 1952

DMEA
Field Inspection Report
November 12, 1952
by
H. L. Burmeister, Engineer

Operator:	The Ruberoid Co., Vt. 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

(Reported by dictaphone memo belt)

During October the sub-contract operated drills worked part time on Holes EQ-4 and EQ-5. Hole EQ-5 bottomed at 480 feet and was in schist for the entire footage.

One sub-contract drill is operating on Hole T-32 in area No. 1 and will continue to 1,000 feet. The core has not been logged. This drill will probably move to Hole T-33 if snow conditions allow.

During October one company-operated rig drilled Hole T2-4 to completion at 460 feet, the log showing less than ½ percent asbestos. This drill then moved to Hole T2-5.

Mr. Jordan, Geologist, was requested to ask Mr. Gilmore, Project Supervisor, who was away at time of my visit, to draw up a schedule of plans for further drilling and to notify the Executive Officer of any revision of the contract which in his belief is necessary to insure continued drilling in the ensuing months. This must be done very shortly or the company equipment cannot operate, because they have drilled the 6,000 feet specified in the contract. The October Operator's report will be completed November 13.

H. L. Burmeister
Mining Engineer

College Park, Md.
November 18, 1952

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.

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

IMP:vv

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

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.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1952 Docket No. DMEA 2080 Contract No. 206
Operator's Name The Emerald Co. Minerals [illegible]
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 [illegible] Contracts:						
Drilling	834.30	10,661.25	17,495.55			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1791.62	11,152.72	12,944.33			
Supervision						
Technical Services	281.32	1,960.31	2,243.63			
(3) Operating Mat'ls. and Supplies:						
[illegible] ore [illegible]	245.51	3,425.86	3,671.37			
[illegible] ore [illegible]	187.50	423.75	611.25			
[illegible] ore [illegible]	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			
[illegible]	40.40	64.14	104.54			
(8) Contingencies (specify):						
TOTALS	3,812.33	32,017.79	49,929.12			

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

Date 11-26-52 *Payee The Emerald 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. Idm E-286 in accordance with the terms of the contract.

Signature H. Gilentsen Title Mining Engr. Date Nov. 18, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. T. Miller Title Acting 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
Denver
NOV 21 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. DMEA 2000 Contract No. 216
Operator's Name The Federal 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.	7,211.49	1520'	21,211.43	1,669'	4.553	6000	5.143
Core Own Company	Ft.	2324.64	768'	19,717.69 + 6,195.?'	3,235	4.953	6000	4.953
Minus + Correction to total units to date as per statement of correction in monthly report.								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
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				42,500.00

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 11-20-52 Operator The Federal Co.

Per J. M. Cotter Title Asst Gen Supt.

REMARKS: Survey Labor, Technical Services and Transportation have 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

D. M. E. A. 2080

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 3000 CONTRACT [illegible]
MONTH OF OCTOBER, 1[illegible]

One Diamond Drill was operated by the Ruberoid Co. two shifts per day during the month. Hole TS-4 was completed and Hole TS-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 TS-3 could be extended to these locations. TS-4 showed practically no fibre consensus and TS-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 TS-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 2 or two shifts during most of the month. Holes EQ-4 and EQ-5 were completed, Progress Map 6. Hole T-38, Progress Map 1, was drilled to a depth of 528'. Total footage drilled by contract was 1850'.

Holes EQ-4 and EQ-5 were drilled to see if an extension of the old Eden Quarry could be found at depth. EQ-4 showed scatter ed 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-1, EQ-3 and EQ-5 indicate a relatively narrow thickness of serpentine in the vicinity of the old Eden Quarry. However EQ-5 could be an irregularity in the contact or a minor fold in the schist.

Surface exploration on east 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-38 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 Mica Quarry.

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

HOLE NO.	FEET FROM	FEET TO	% RECOVERABLE FINES	VALUE PER TON OF ORE
9-30	12'	150'	0.475	$0.38
	150'	302'	2.175	2.05
9-31	15'	300'	1.625	$1.56
	300'	590'	0.825	0.73
22-3	3'	28'	0.375	$——
	28'	103'	3.725	3.96
	103'	217'	1.825	0.96
	217'	313'	0.725	0.56
	313'	358'	1.625	1.52
	358'	368'	5.125	3.16
	368'	415'	0.825	0.78
	415'	507'	5.525	5.27
	507'	654'	3.525	4.13
	654'	724'	0.725	0.58

DIAMOND DRILL FOOTAGE - BUREAU OF MINES CONTRACT 8886 - MONTH OF OCT. 1958

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	
9-32	0	588	588	3.75	
		Total	1880		$6,825.00
Company Drilled Holes					
22-~~3~~ 4	324	459	135		
22-~~4~~ 5	0	627	627		
		Total	762		$2,329.64

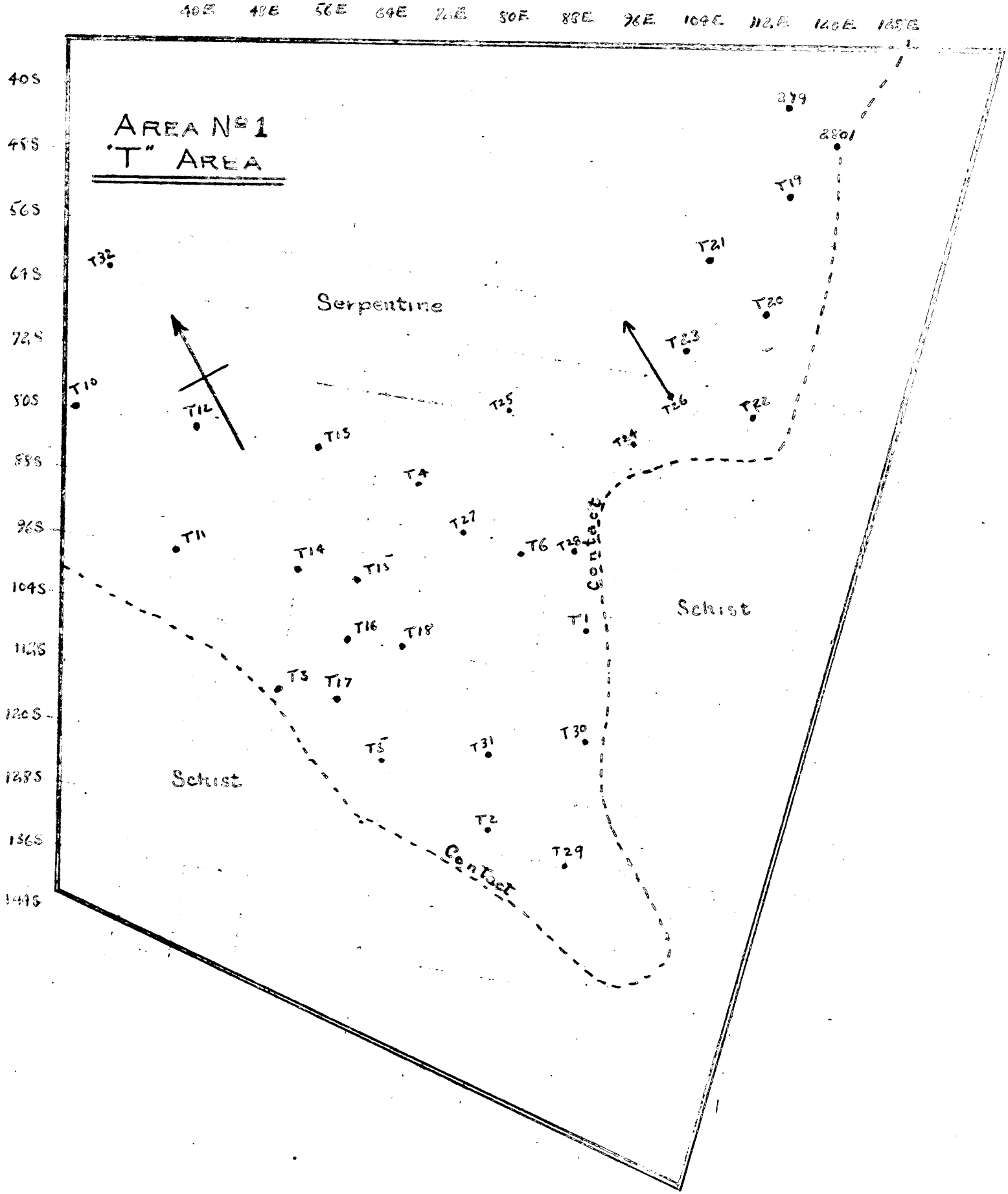
NAE

Total Feet This Month	2582
Total Previously Drilled	8077
Total to Date	10,659

DMEA 3280 - CONTRACT 3286

DIAMOND DRILLING PROGRESS MAP 1.

Scale 1" = 400' Date: NOVEMBER 11, 1944

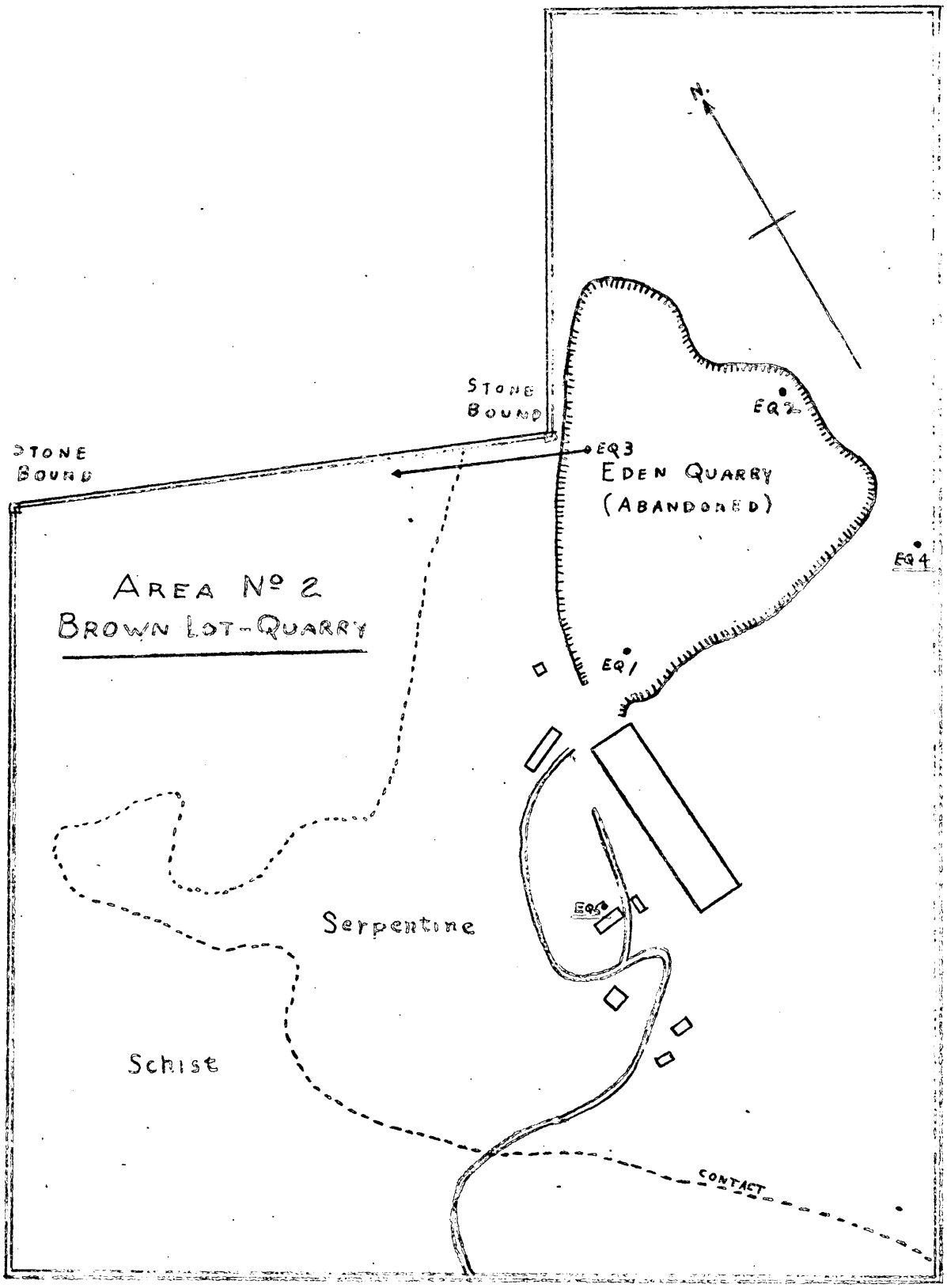


DMEA 2080 : CONTRACT E 286

DIAMOND DRILLING PROGRESS MAP 6

Scale 1" = 400'

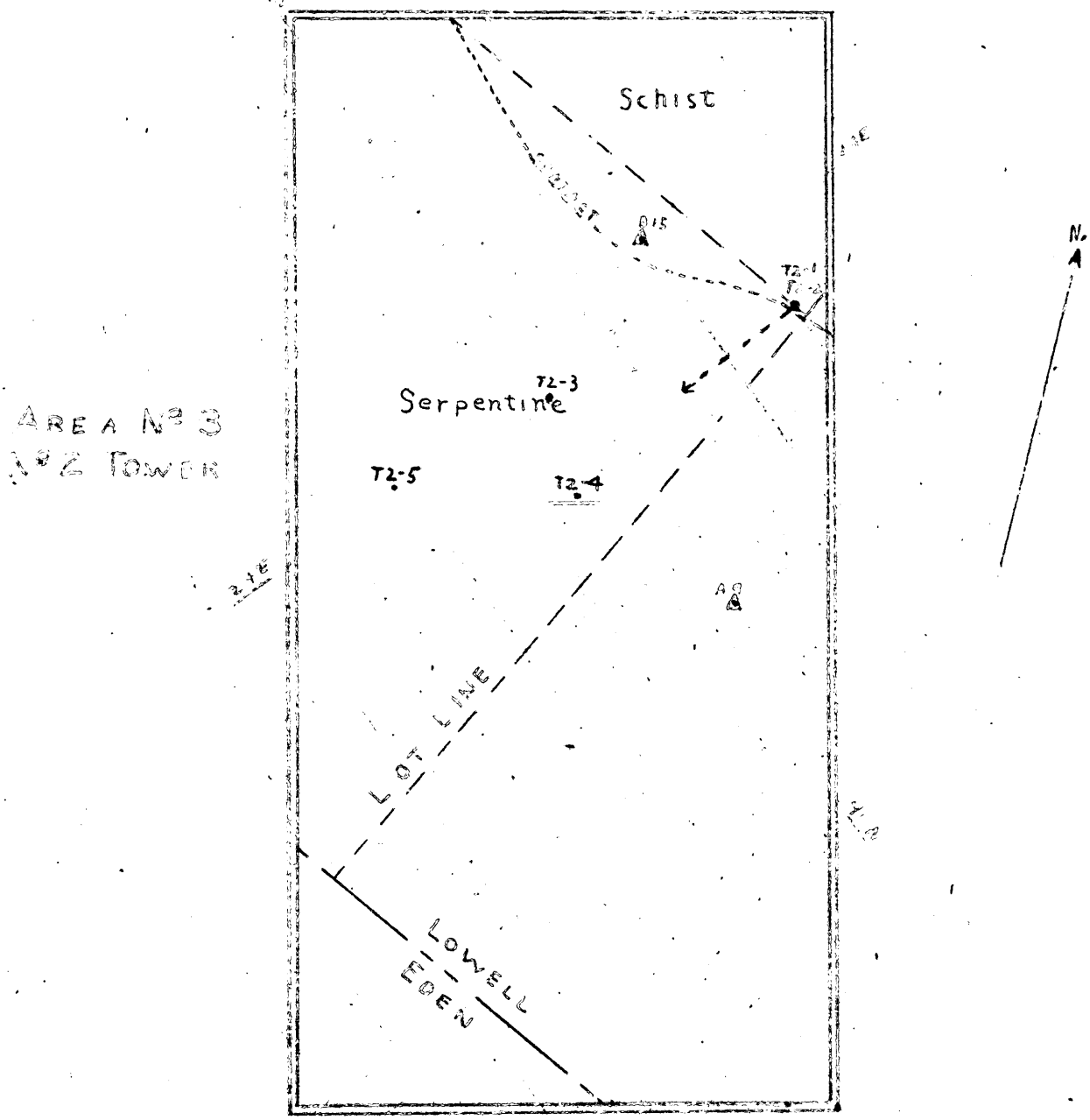
DATE: NOVEMBER 11, [illegible]



DMEA 2080 CONTRACT 6-286

DIAMOND DRILLING PROGRESS MAP.

Scale 1" = 400' Date NOVEMBER 11, 1952.



DMEA 2080 CONTRACT 6253

LOG OF DRILL HOLE Nº EQ-4

LOCATION: AREA Nº 2 PROPERTY RUBEROID
ANGLE OF HOLE 90° DEPTH 1,000.' SCALE: 1" = 100'

FEET	EST % FIBER
0	
24	< ½ %
95	1½ %
393	½ %
458	0 %
791	½ %
826	1%
1,000	½%

DESCRIPTION

This hole was drilled to a depth of 1,000 feet at an angle of 90°. No overburden was encountered

From 0 to 24 ft. the serpentine showed some short slip fiber < ½%

The next section down to 95 ft. was a well sheared rock with about 1½% of short slip fiber of good quality.

From 95 to 393 the core was a light to dark grey colored serpentine which was poorly sheared and mineralized. There was about ½% of short slip fiber in hairline veins.

The next section down to 458 was barren serpentine

The section from 458 to 791 ft. was serpentine with short slip fiber of poor quality. ½%

The next section down to 826 feet showed about 1% of short slip fiber in a well sheared serpentine.

The last section from 826 to 1,000 ft. would average ½% short slip fiber.

Logged By L.J.
Nov. 7, 1952

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº EQ-5

LOCATION: AREA Nº 2 PROPERTY RUBEROID

ANGLE OF HOLE 90° DEPTH 480'. SCALE: 1" = 60'

FEET	EST % FIBER
11	
64	
95	
420	
480	

DESCRIPTION

This hole was drilled at an angle of 90° to a depth of 480 ft. The overburden was 11 feet thick. The hole encountered schist at 11 feet and remained in schist to the bottom at 480 feet.

The section from 11 to 64 ft. was a sericite schist with small amounts of talc.

The next section down to 95 feet was the same type of schist, but with a larger amount of talc in the rock.

The core from 95 feet to 420 feet was a light green to a dark grey colored schist with a few veins of calcite.

The sericite schist from 420 to 480 feet was micaceous.

LOGGED BY L. J.
NOV. 6, 1952

DMEA 2080 CONTRACT E 286

LOG OF DRILL HOLE Nº T2-4

LOCATION: AREA Nº3 PROPERTY: RUBEROID

ANGLE OF HOLE: 90° DEPTH: 460' SCALE: 1" = 60'

FEET	EST. % FIBER	DESCRIPTION
0		
10		This hole was drilled at an angle of 90° to a depth of 460 feet. The hole passes through 10 feet of overburden.
		The section from 10 feet to 382 was a light to dark grey colored serpentine. The core was poorly sheared and mineralized. There
	<1½%	was no indication of cross or spinning fiber. There was some slip fiber of good quality, but this was very short. The fiber was observed in the first 100 ft. Less than ½%
		The next and last section from 382 to 460 feet was a dark grey colored serpentine. The core was very poorly sheared and mineralized. No indication of any fiber
382		
	0%	
460		

LOGGED BY L. J.
NOV. 7, 1952

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

October 8, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

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

Attached are the original and three copies of H. L. Burmeister's September Field Inspection Report on subject contract.

McHenry Mosier

Attachments - 4

DMEA
Field Inspection Report
by
H. L. Burmeister, Engineer
October 1 and 2, 1952

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

The field areas covered by this contract were visited.

Drilling under this contract will continue throughout the winter in so far as the weather will allow. Most of the drilling will be done with the company owned drill and company labor. Company drilling is less expensive and far more steady. The contract drilling has not gone well more or less due to a large turnover of drillers and helpers. The personality of the boss driller is probably a factor.

Two contract drills worked during September. The log of drill hole EQ-3 will be in the September report. Hole EQ-4 is at this date 300 feet deep and will probably go to 1,000 feet. Hole EQ-5 is 233 feet deep and will probably be drilled to 1,000 feet. One company operated drill worked during September in the Tower II area. Drill hole T2-3 was completed and T2-4 was started.

Mr. Cady, USGS, was contacted and states that his report will be submitted approximately October 15th. He will make the report on contract Idm-E23 first.

H. L. Burmeister
Mining Engineer

College Park, Md.
October 6, 1952

C
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THE RUBEROID CO.
Hyde Park, Vermont

C
O
P
Y

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 23 1952

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 [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]			
Explosives						
Pipe						
Track [redacted]	[redacted]	[redacted]	[redacted]			
[redacted]	[redacted]	[redacted]	[redacted]			
(4) Operating Equipment:						
Rental						
Purchase	[redacted]	[redacted]	[redacted]			
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	[redacted]	[redacted]	[redacted]			
Payroll Taxes	[redacted]	[redacted]	[redacted]			
[redacted]	[redacted]	[redacted]	[redacted]			
(8) Contingencies (specify):						
TOTALS	[redacted]	[redacted]	[redacted]	6,086.08	24,931.91	31,017.99

I certify that the above bill is correct and just and that payment therefor has not been [redacted]

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:

$ 5,477.47

Signature [redacted]
~~(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 H. L. Burmeister Title Mining Engineer Date 10/20/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. L. Burmeister 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 28 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 [illegible] Contract No. [illegible]
Operator's Name The [illegible] Co. 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 Contract	Ft.	3149.29	676'	23,501.68	2839'	4.685	6000'	5.363
[illegible] Company	Ft.	2926.79	718'	17,726.57	5836'	3.388	6000'	4.353
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		[illegible]		31,017.99				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[illegible]		31,017.99				[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 10-30-52 Operator The [illegible] Co.

Per [signature] Title [signature]

REMARKS: Survey Laser, 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

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 Edna Quarry. In this area the amphibolite has a very flat dip and hole EQ-3 was drilled to see if the ore in the Edna 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. Serpentine schist was encountered at a drilled length of 693'.

Surface examination has not shown an area that seemed to justify shallow drilling (100 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 Edna 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 Edna Quarry.

DIAMOND DRILL FOOTAGE - DMPA 2080 CONTRACT E286
MONTH OF SEPTEMBER, 1968

Hole No.	From Ft.	To Ft.	Feet Drilled This Month	Unit Price	Total Cost
CONTRACT DRILLED HOLES					
EQ 3	262	730	468	3.75	
EQ 4	0	208	208	3.75	
		Total	676		$2,535.00
COMPANY DRILLED HOLES					
TT-3	346	734	388		
TT-4	0	324	324		
		Total	712	4.10	$2,916.79

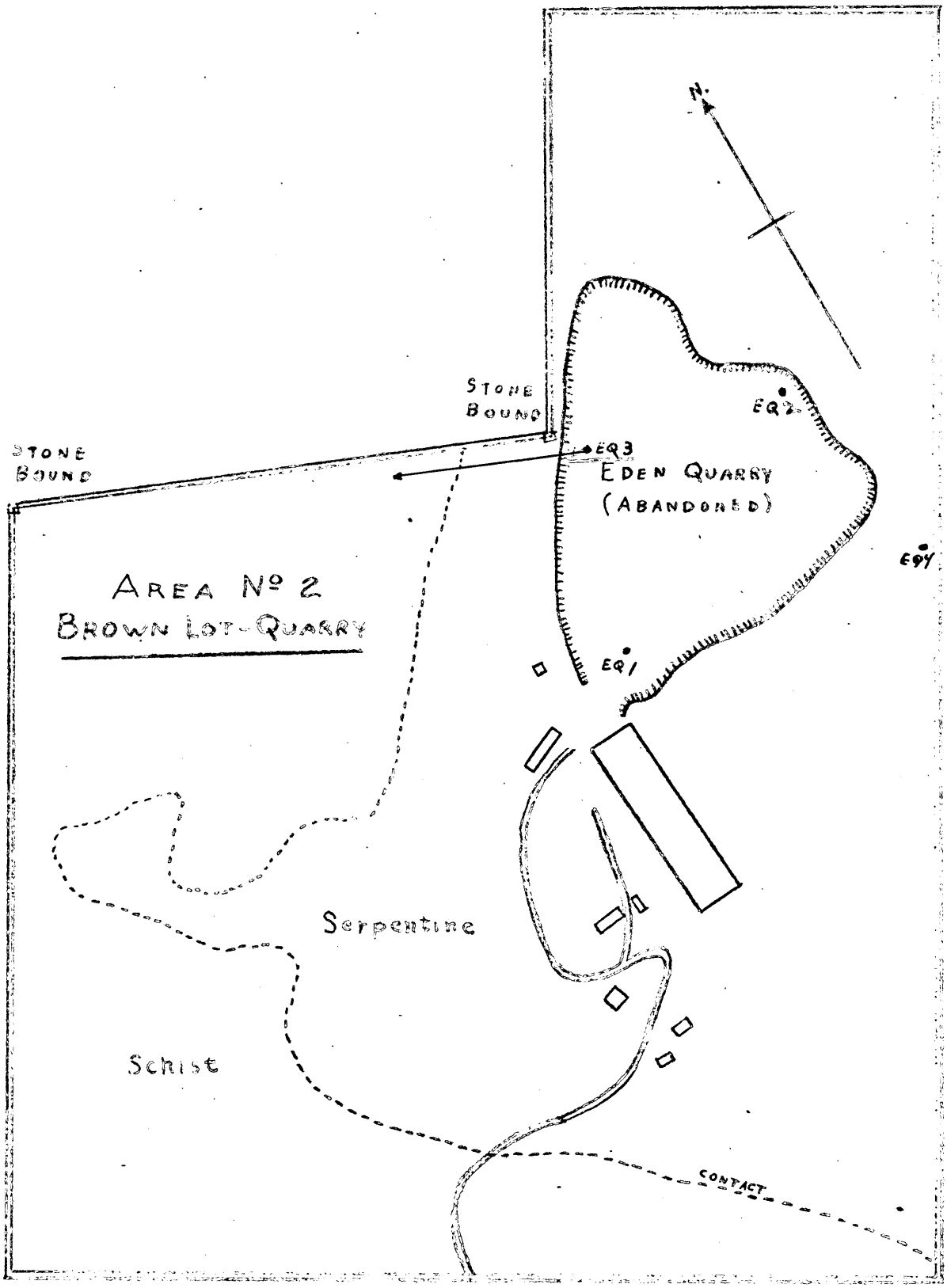
Total Feet This Month	1388
Total Previously Drilled	6689
Total to Date	8077

DMEA 2080 CONTRACT 286

DIAMOND DRILLING PROGRESS MAP 6

Scale 1" = 400'

DATE: OCTOBER 11, [illegible]

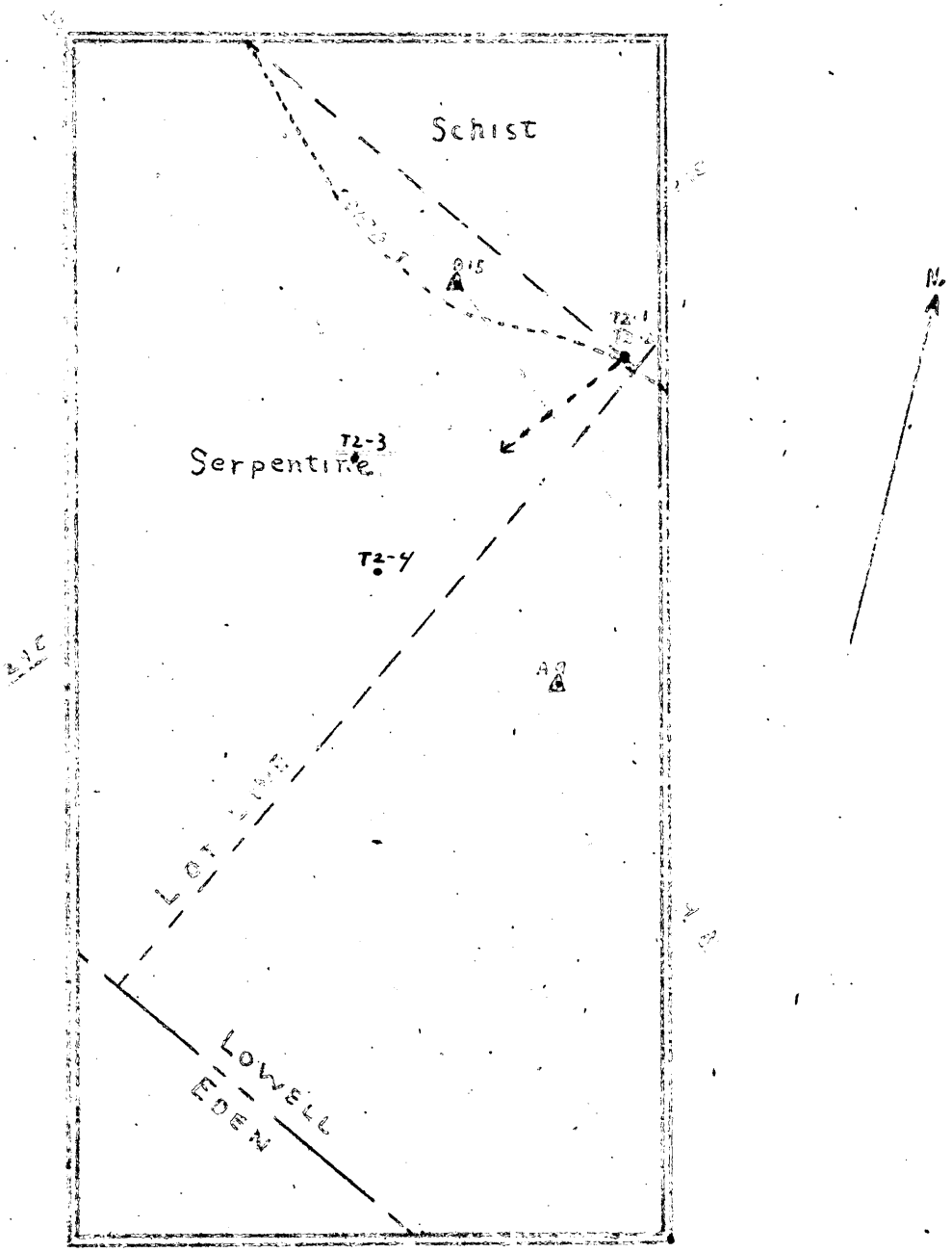


DMEA 2086 CONTRACT B 296

DIAMOND DRILLING PROGRESS MAP

Scale 1" = 400' Date: OCTOBER 11, 1952

AREA No 3
(No. TOWER)



DMEA 2080 CONTRACT E296

LOG OF DRILL HOLE Nº EQ-3

LOCATION: AREA Nº 2 PROPERTY RUBEROID
ANGLE OF HOLE 45° DEPTH 730' SCALE: 1" = 100'

FEET	EST % FIBER
0	
9	OVERBURDEN
	3½ %
85	
	2 %
160	
	½ %
197	
210	3 %
218	0 %
232	0 %
240	½ %
	2 %
363	
	1 %
408	
	¾ %
460	
	0 %
602	
	½ %
693	
725	
730	½ %

DESCRIPTION

This hole was drilled at an angle of 45° for a distance of 730 feet or to a vertical depth of 516 feet.

The section from 9 to 85 ft was a well sheared serpentine with about 3½% slip fiber of good quality.

The next section down to 160 feet showed some cross fiber. This section averaged 2%

The core of the following five sections down to 240 feet was poor with one exception from 197 to 210 feet. This section showed a fiber content of 3%, The other sections were almost barren.

From 240 to 460 feet the serpentine showed slip fiber averaging from ¾% to 2%

From 460 ft. to 602 feet the serpentine is barren. No fiber in this section.

From 602 to 693 the serp. was dark green with short slip fiber averaging ½%.

The core from 693 to 725 was serpentine schist and from 725 to 730 nearly barren serpentine.

Logged by, L. J.
October 17, 1952

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº T2-3

LOCATION: AREA Nº 1 PROPERTY: RUBEROID

ANGLE OF HOLE: 90° DEPTH: 734' SCALE: 1" = 100'

FEET	EST. % FIBER
0	
3	OVER-BURDEN
28	½ %
	2½ %
103	
	1½ %
217	
	< ½ %
278	
288	0 %
	½ %
318	
	1 %
358	
368	2½ %
	1½ %
415	
	5 %
507	
	3 %
654	
	1 %
734	

DESCRIPTION.

This hole was drilled to a depth of 734 feet at an angle of 90°. The overburden was 3 feet thick.

From 3 to 28 ft. the core was dark green serpentine with ½% short slip fiber.

From 28 to 103 ft. the serpentine was grey with good quality slip fiber. About 2½%

From 103 to 217 ft. the core showed 1½% slip fiber.

The three sections from 217 ft. to 318 ft. were serpentine with slip fiber averaging less than ½%.

The next three sections from 318 ft. to 415 ft. were grey colored serpentine with short slip fiber. The three sections average about 1½% fiber.

The section from 415 to 507 feet is well sheared and mineralized - 5% fiber (good length and quality)

The next section from 507 to 654 is also good slip fiber with about 3%

The last section was 1% fiber

Logged by, L. J.
October 7, 1952

STATUS OF ALLOWABLE MAXIMUM

	Contract Amount	Cost Thru Sept.30, 1958	Balance Available
Sub-Contract Drilling	$24,000.00	$10,661.25	$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.	2,000.00	1,025.11	975.89
" Tractor	300.00	30.00	270.00
Transportation	300.00	64.14	235.86

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~XXWASHINGTON 25,DXCXXX~~
College Park, Md. September 16, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: DMEA Docket No. 1210, Contract Idm-E23 and
DMEA Docket No. 2080, Contract Idm-E286 — file copy
Ruberoid Company, Eden, Vt.
Commodity - Asbestos

Attached in quadruplicate is H. L. Burmeister's Field Inspection Report of September 5, 1952, on subject contracts.

/s/ McHenry Mosier

McHenry Mosier

Attachments (4)

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UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
College Park, Md. September 16, 1952

Field Inspection Report, Sept. 5, 1952
H. L. Burmeister, Engineer

DMEA Docket No. 1210, Contract Idm-E23
DMFA Docket No. 2080, Contract Idm-E286
Ruberoid Company, Eden, Vt.
Commodity - Asbestos

Mr. Wallace Cady of the U. S. Geological Survey was contacted at Eden, Vt. Mr. Cady states that a report on the Ruberoid Company contracts will start as soon as possible, which will probably be in about one month. It is understood his report will review the holes already drilled on both contracts in relation to their location and intervals as well as the desirability of continued drilling in certain areas or shifting the operations to other sections of areas. The impression gained is that in general both Mr. Cady and Mr. Chidester believe the drilling has been done in the best localities. Mr. Cady says he will furnish Mr. Mosier with a copy of his report.

Mr. Gilmore who is in direct charge of the contract operations states that he believes a maximum of two more holes may be drilled in the (T) area, but rather thinks even these may not be drilled. He also states that if the results of present drilling in the Tower 2 also called the (T) 2 area prove good, more drilling will be done there and possibly none on the (Magnetometer Area).

Under Docket 2080, one contract and one company drill operated in August. The contract drill being idle for a considerable portion of the time because one driller had quit There was a drill breakdown and also a lack of drilling water. There was a cost of $515 to bring water to the required distance to the contractors. This has been charged to contract drilling. Contract hole E23 will be continued to 1,000 feet. This hole started in good ore but at about 150 feet the values dropped considerably. Company drill hole T2-3 encountered a small amount of fibre but it is not known at present if it will continue. Mr. Messel is considering requesting that a portion of funds originally set aside for magnetometer work and later on request of Ruberoid, transferred to drilling be reallocated to the magnetometer exploration. This exploration would be over the top of the hill beyond the presently operating quarry.

In general, the results of diamond drilling during the month of August were not encouraging.

H. L. Burmeister

Has

September 15, 1952

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

Contract IDM E-286, Docket 2080 - Aug. Report

Dear Mr. Mosier:

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

This report was prepared with the assistance of Mr. E. D. Talbert, a D.M.E.A. Auditor, during his visit here to audit the books thru 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. Mensel
General Superintendent

MJM:vo

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

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

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

Defense Minerals Administration
RECEIVED
OCT 9 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
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: 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	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 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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature [illegible] Title Mining Eng. Date 9/25/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Exec. Officer Date 9-25-52

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 Geol Sup't

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

STATUS OF ALLOWABLE BALANCES

	Contract Amount	Cost Thru Aug. 31, 1956	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
BOCHET BOND, CONTRACT [illegible]

Contract Drilled Holes:

Hole No.	From Ft.	To Feet	Feet Drilled This Month	Unit Price	Total Cost
BQ3	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	$2958.24

Note: Total footage to date on this project.

	Footage	Unit Price	Total Cost
Contract Drilled	2169'	3.75	$111.25
Company Drilled	4526'	3.27	$14799.32

NARRATIVE REPORT - RMEA 2080 CONTRACT NRS 296
MONTH OF AUGUST, 1952

One drill was operated two shifts by the Ruberoid Co. during the month. Two holes were completed and a third drilled to 346'. Total footage for the month was 840'.

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 TR-1 on which a report was made last month. Hole TR-2, Progress Map 7, was also completed and Hole TR-3 drilled to 346'. Both TR-2 and TR-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.

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº T2-2

LOCATION: AREA Nº 3. PROPERTY: RUBEROID

ANGLE OF HOLE: 45° DEPTH: 455' SCALE: 1" = 60'

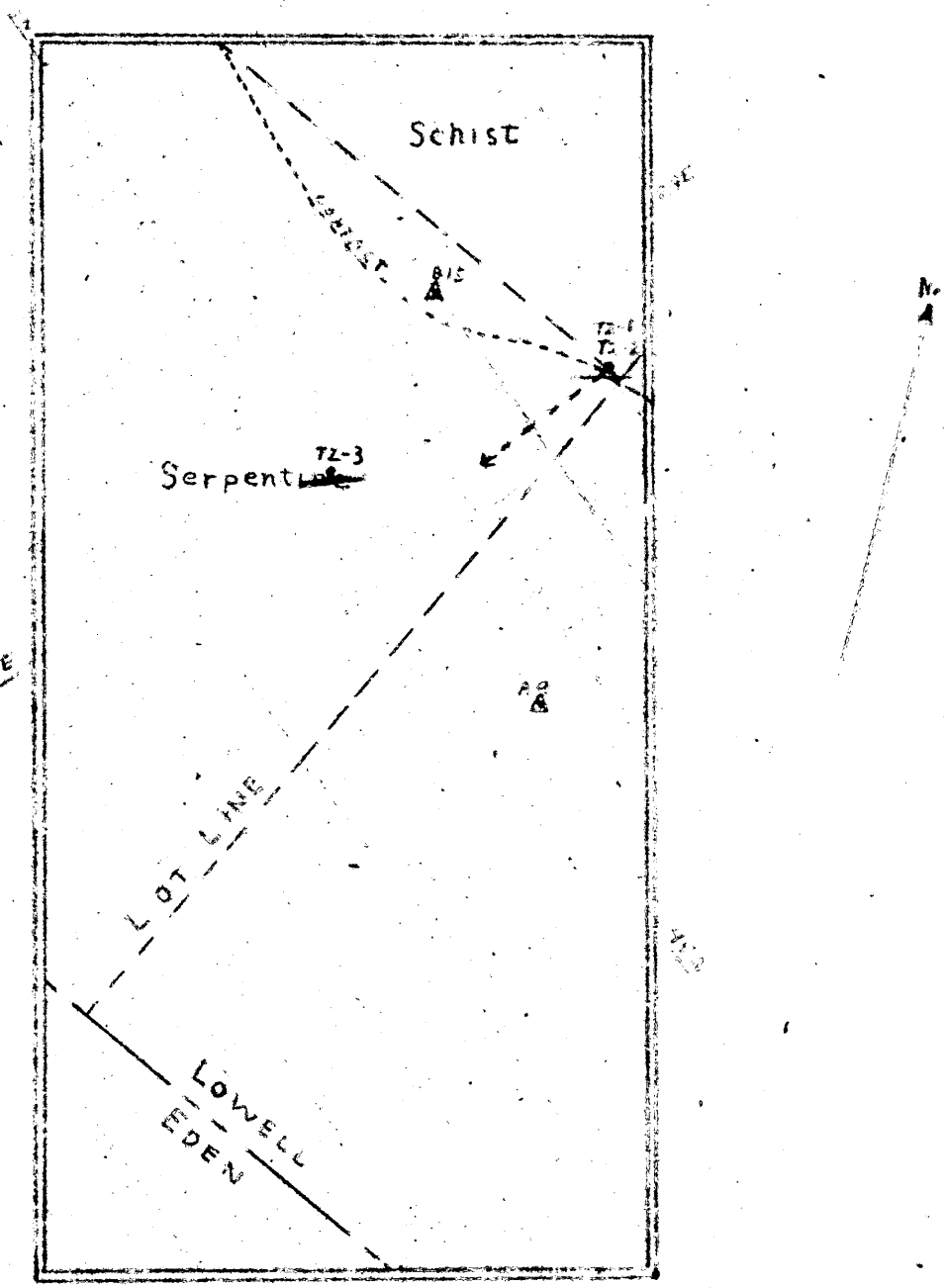
FEET	EST. % FIBER	DESCRIPTION
0		
12	OVERBURDEN	This hole was drilled at an angle of 45° for a distance of 455 feet or a vertical depth of 322 feet. The hole penetrated [illegible] feet of overburden before [illegible] feet.
47	SERPENTINE	The core from 12 to [illegible] was [illegible]. From [illegible] feet to 47 feet the rock was [illegible] with a high concentration of [illegible].
99		
	1 %	From 99 ft. to 278 feet the serpentine was [illegible] and [illegible]. [illegible] fiber [illegible] 1%
278		From 278 ft. to 337 feet the core showed [illegible] fiber [illegible] 1½ %
	1½ %	From 337 ft. to [illegible] the serpentine [illegible] fiber content [illegible] 2½ %
337		
348	2 - 2½ %	From 348 to 360 feet the serpentine was [illegible] showing [illegible] fiber [illegible] 4%
360	3½ - 4 %	
	1½ %	From 360 to 455 ft. the serpentine was [illegible]
455		

DMEA 2080 CONTRACT E 286

DIAMOND DRILLING PROGRESS MAP 7.

Scale 1" = 400' Date: SEPTEMBER [illegible]

AREA Nº 3
Nº 2 TOWER



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

August 7, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket DMEA-2080, Contract Idm-E286
Ruberoid Company, Vermont Asbestos Mines
Eden, Vermont - (Asbestos)

Attached are the original and three copies of H. L. Burmeister's Field Inspection Report on subject docket.

McHenry Mosier

McHenry Mosier

Enclosure

DMEA
Field Inspection Report
August 5, 1952
by
H. L. Burmeister, Engineer

Ruberoid Company, Vermont Asbestos Mines, Eden, Vermont
Docket DMEA-2080 - Contract Idm-E286

(Asbestos)

The Operator's Monthly Report for June has been corrected by the company and re-submitted. This was reviewed and found to be in order.

A break-down of costs on company drill rigs and also on surveyor, helpers, clerk, core tester and tractor operator has been effected and will appear in subsequent reports.

Depreciation of equipment on a 300 day basis, for a total of $2,200. on drill rigs, pumps, drill rods, power wagon and miscellaneous equipment, is charged at the rate of $7.33 per day when used only. Depreciation of $300 on a tractor will be charged at the rate of $1.00 per day when in use. These items will be so carried on subsequent reports.

To date the footage drilled by contract in each hole and the footage drilled by company owned drill in each hole, has not been furnished. Hereafter this as well as the points of starting and stopping in each report period will be furnished.

The "T" area drilling continues to be the only one which shows encouraging results.

/s/ H. L. Burmeister

H. L. Burmeister
Field Team, Mining Engineer

Morrisville, Vt.
August 5, 1952

DEPARTMENT OF ...
Defense Minerals ...
AUG 8 52

August 15, 1952

Mr. Mahlenry Monier, 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. Monier:

Attached please find report for the month of July which includes cost of $7,000.55.

I trust that this report will be found in order.

Yours very truly,

The [illegible] Co.

I. Morgan Potter
Asst. Genl. Supt.

IMP/[illegible]

cc: Mr. W. G. Cowan
Mr. T. E. Kennedy
Mr. M. J. Mansell

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

Per Title

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

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:

$ 6,300.50

Signature

(Authorized Certifying Officer)

Date SEP 1 1952

Vou. No.

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature H. Summerstay Title Min. Eng. Date 8/27/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature McGeery 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 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	Authorized by Contract: Unit Costs
[illegible] Geologists		[illegible]		[illegible]				
[illegible] Labor		[illegible]		[illegible]				
[illegible] Supplies		[illegible]		[illegible]				
[illegible] Transportation		[illegible]		[illegible]				
[illegible] Depreciation		[illegible]		[illegible]				
Drilling: Core [illegible]	Ft.	[illegible]	* [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] Company	Ft.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Auger								
[illegible] Inst. & Tunnel		[illegible]		[illegible]				
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		[illegible]	[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 _____ Title _____

Remarks: (a) [illegible]
+7.50 Included for Acid 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

D.M.E.A. - [illegible]
JULY - 1[illegible]

		Rate	Straight Time Hours	Straight Time Pay	Prorated share of Overtime	Total	Social Security	Company Paid Unemployment Insurance
H. Duke	102	$1.36	168	$ 228.48	$ 13.60	$ 242.08	$4.17	$ 3.05
A. Rheinhardt		1.19	184	218.96	14.20	233.24	4.02	2.94
B. Mason	103	1.12	88	98.56	4.40	103.04	1.77	1.30
W. Smith		1.12	112	125.44	8.96	134.40	2.31	1.69
A. Potter		1.12	72	80.64	5.37	86.01	1.49	1.09
A. Ives		1.19	56	66.64	5.55	72.19	1.24	.91
A. Soule		1.12	32	35.84	2.99	38.83	.67	.49
H. Stanfill	104 & 105	1.36	176	239.36	16.32	255.68	4.40	3.22
R. Midgett		1.19	96	114.24	7.14	121.38	2.09	1.53
C. Phelps		1.19	208	247.52	14.75	262.27	4.65	3.40
		.85 *	192	7.60				
A. Soule		1.12	96	107.52	5.40	112.92	2.01	1.47
		.85 *	80	4.00				
B. Mason		1.12	96	107.52	9.26	120.38	2.07	1.52
		.85 *	72	3.60				
C. Dolan		1.12	104	116.48	4.48	120.96	2.08	1.52
H. Westover	106	1.12	24	26.88	2.32	29.20	.50	.37
H. Despots		1.28	4	4.72	.68	5.40	.09	.07
W. Daniel	107	1.12	[illegible]	[illegible]	16.72	123.75	2.13	1.56
		[illegible] *	[illegible]	[illegible]				
		[illegible]	[illegible]	[illegible]				
G. Ball		1.12	[illegible]	[illegible]	6.87	86.47	1.49	1.09
		[illegible] *	[illegible]	[illegible]				
		.10	6	.60				
F. Tahoe	109	1.19	32	38.08	.79	38.87	.67	.49
W. Smith		1.12	72	80.64	4.48	85.12	1.47	1.07
A. Potter		1.12	56	62.72	5.22	67.94	1.17	.85
A. Ives		1.19	8	9.52	.79	10.31	.18	.12
R. Matthews		1.12	8	8.96	.75	9.71	.17	.12
A. Soule		1.12	8	8.96	.75	9.71	.17	.12
B. Mason		1.12	4	4.48	-	4.48	.08	.06
H. Duke		2.36	8	18.88	-	18.88	.19	.14
L. Jordan - Geologist			95.2	136.97	-	136.97	1.68	.98
J.E. Gilmore - Mine Geologist			27.2	80.00	-	80.00	.68	.39
Totals				[illegible]	[illegible]	[illegible]	[illegible]	$31.56

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

102 - Surveyor
103 - Surveyor Helpers
104
105 - Drill Operators and Helpers
106 - Truck Driver
107 - Bore Tender
109 - Laborer

The [illegible] Company

J. K. Gilmore
Agent

D.M.E.A. - 2060
JULY - 1952

Item (3) Other shown as $931.57

Vendor

Company Store	9 core bits		$664.88
Lakeside Garage	10 spark plugs		
	1 valve grinding compound	$8.20	
Munson Store	1 - 1/2" slip hook	.40	
Herberg Auto Service	Magneto repaired	16.38	
Charles Miller & Son	18" pipe wrench		
	1 movable wrench	11.04	
Reynolds & Son	1 grease gun		
	1 coupling	23.98	
Socony-Vacuum Oil Co.	Mobiloil	11.16	
Reynolds & Son	1 - 1/4" dampeners	3.41	
J. Russell & Co.	2 machinery oilers		
	2 - #96 rules	4.22	
Herberg Auto Service	F.M. dual cap coil		
	set condenser - gasket		
	labor	17.51	
Company Store	Misc. supplies	118.29	
Merrill Jewett	50 core boxes & covers	50.00	
Mountain View Station	5 gals. white gas	1.80	266.69
	Total		$931.57

Item (4) Depreciation is $209.24

Based on 28 working days @ 7.33 a day when operated on the following equipment:

Drilling Machine	
2 Pumps	
Rods	
Powerwagon	
Misc. Equipment	$205.24

Based on 4 working days @ 1.00 a day when operated on the following equipment:

1 tractor	$ 4.00

NARRATIVE REPORT
DMA [illegible] 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 [illegible] 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 72-2, Progress Map 7. Hole 730 was drilled vertical to a depth of 302 feet. Overburden was 12 feet deep. The hole was poor at the top but showed improvement at the bottom; however, it would not average ore 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 ore grade.

The drill was moved from Area No. 1, "T" Area to Area No. 3, Tower 2 Area where hole No. 72-1 was completed. This hole was drilled vertically to a depth of 309 feet. Overburden was 24 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 309'. 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 Eden Quarry in Area #2.

DIAMOND DRILL FOOTAGE
MONTH OF JULY, 1952
CONTRACT E886, DOCKET 2080

Company Drilled Holes:

Hole No.	From Ft.	To Ft.	Feet Drilled this Period
T31	176	590	414
T30	0	302	302
TB-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 TB-1 was completed at a depth of 209' on Aug. 1st and a description of the results was included in the narrative report.

contract hole EQ3 is being paid @ $3.75 per ft. assuming it is to be a 1000 ft. hole.

H.B.

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

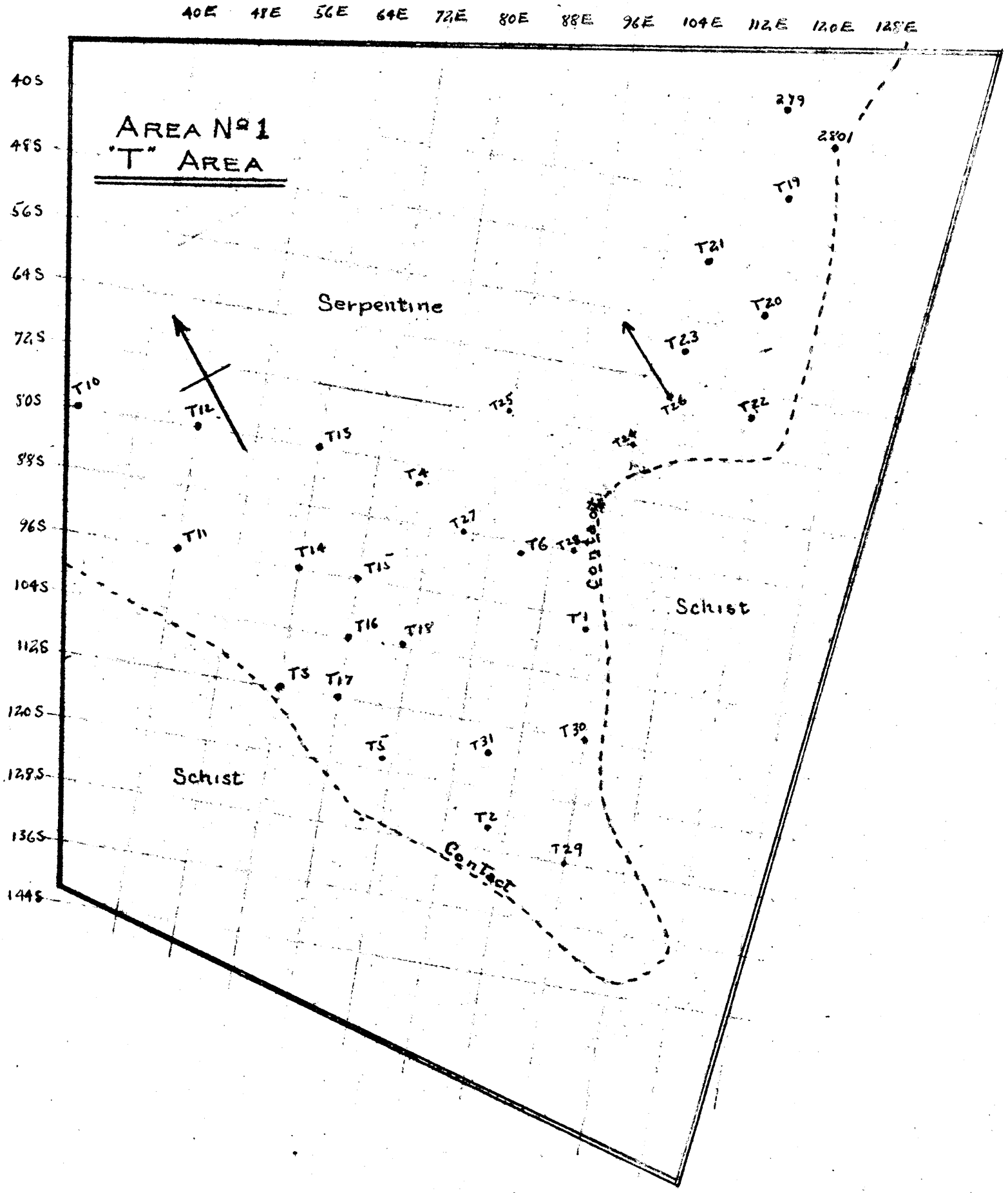
Hole No.		Recoverable Fiber	Value per ton of ore
Y19		3.39%	$2.20
Y20		1.23%	0.99
Y22		2.82%	2.76
Y23		3.64%	2.64
Y24		5.31%	3.82
Y26	(45'-426')	1.68%	1.24
Y27		2.77%	2.16
Y28		3.27%	3.09
Y29		1.93%	1.64

Drill logs and progress maps are attached.

DMEA 2080 CONTRACT E286

DIAMOND DRILLING PROGRESS MAP 1.

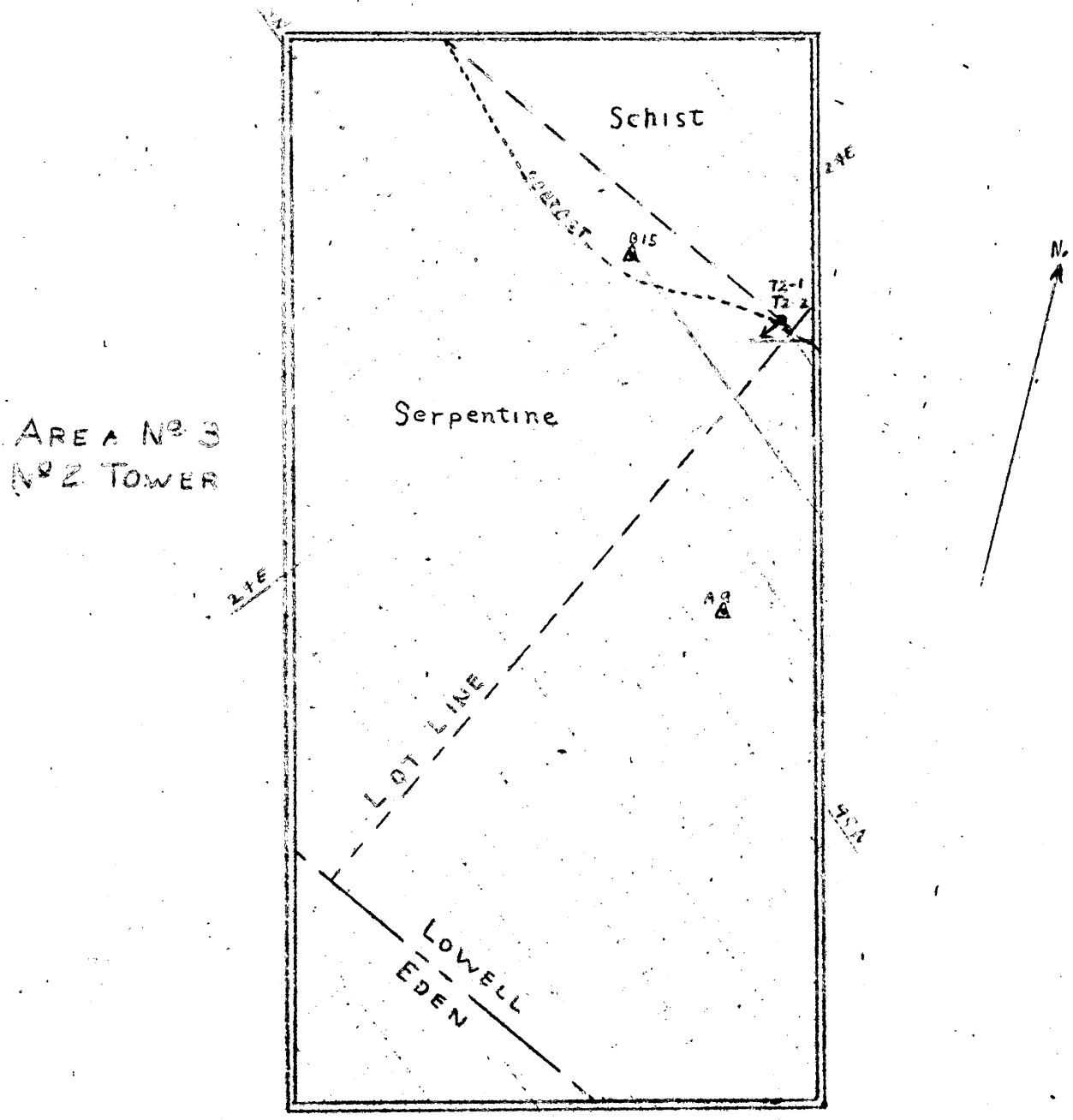
Scale 1" = 400' Date: August 12, 1958



DMEA 2080 CONTRACT E 286

DIAMOND DRILLING PROGRESS MAP 7.

Scale 1" = 400' Date: August 12, 1952

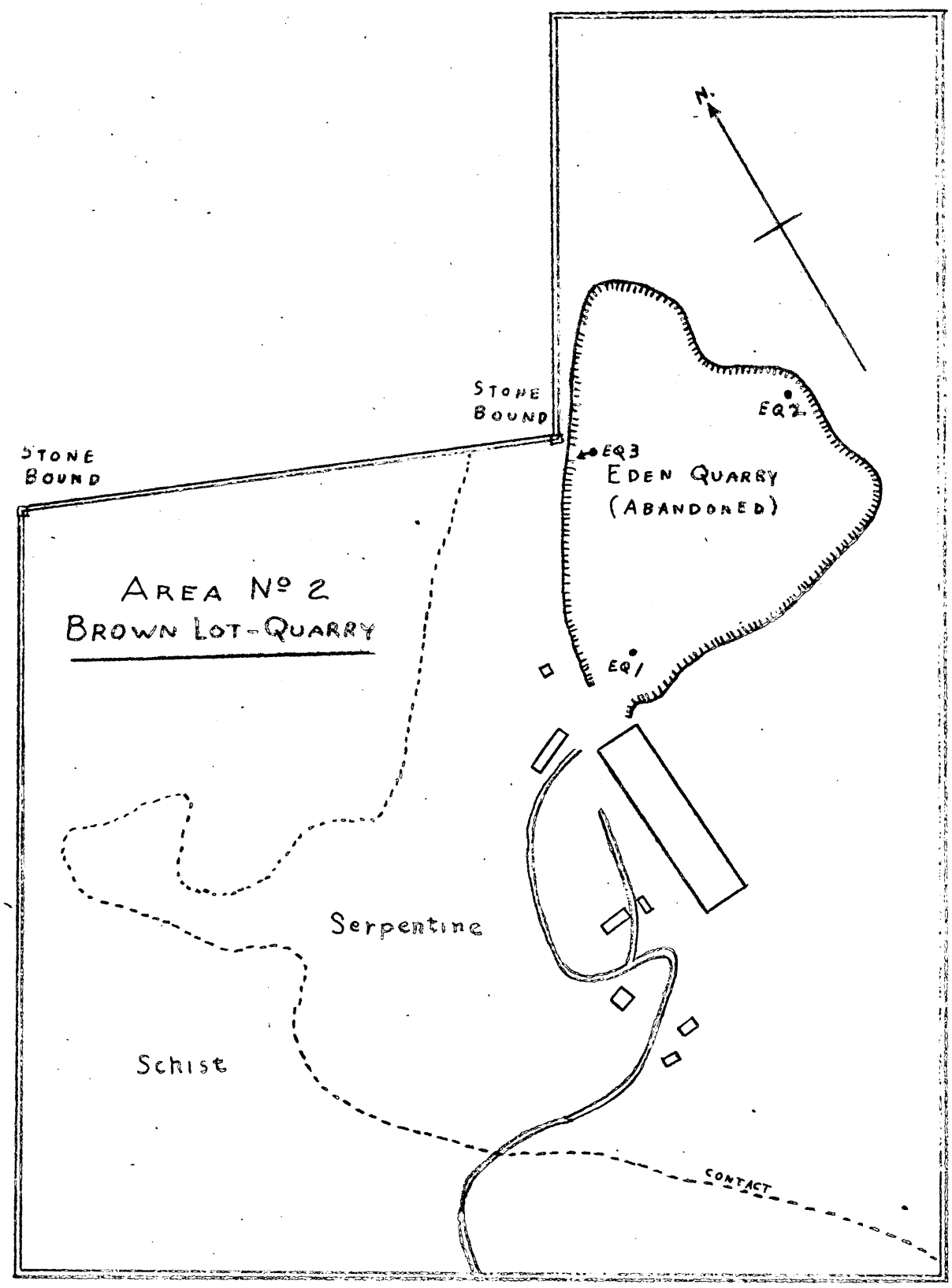


DMEA 2080 CONTRACT E 2-6

DIAMOND DRILLING PROGRESS MAP 6

Scale 1" = 400'

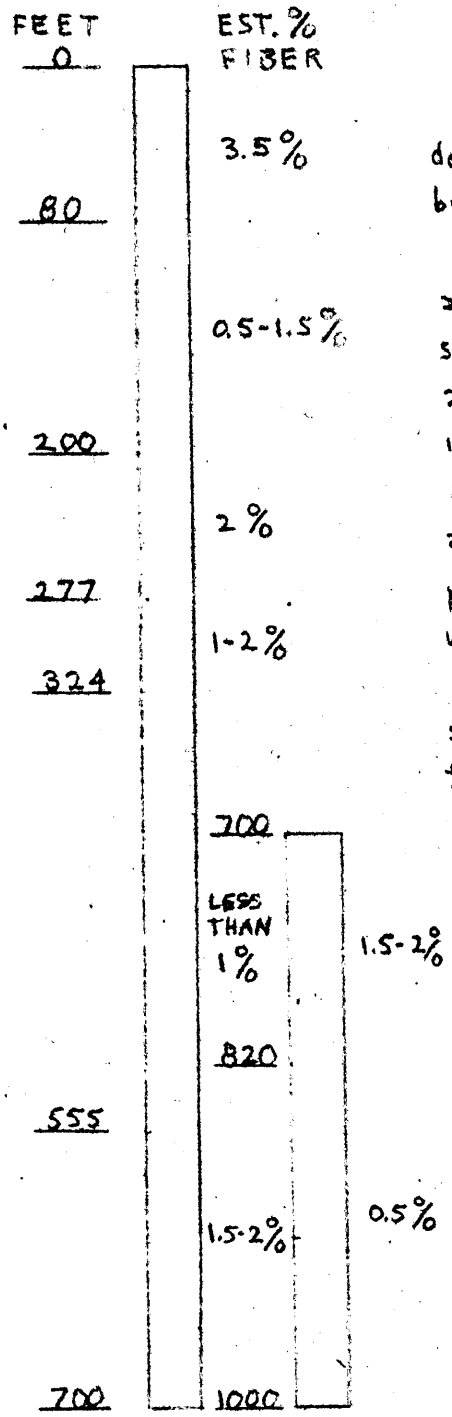
Date: August 12, 1952



DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº EQ-2

LOCATION: AREA Nº 2 PROPERTY: RUBEROID
ANGLE OF HOLE: 90° DEPTH: 1000' SCALE: 1" = 100'



DESCRIPTION

The hole was drilled to a vertical depth of 1000 feet. There was no overburden.

The serpentine is fair to well sheared and well mineralized in the following sections: 0 to 80, 139 to 200, 200 to 277, 286 to 324. The fiber in these sections is slip fiber from fair to good quality and length. Scattered veins of calcite and other carbonates occur throughout, particularly in connection with the fiber veins.

The remainder of the core is poorly sheared and poorly mineralized. The fiber that does occur is short slip fiber. From 820 to 1000 feet the serpentine is practically barren.

The serpentine is below ore grade. There was no indication of spinning fiber.

Logged by L. J.
August 8, 1952

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº T 30

LOCATION: AREA Nº 1 PROPERTY: RUBÉROID

ANGLE OF HOLE 90° DEPTH: 302' SCALE: 1" = 50'

FEET	EST % FIBER	DESCRIPTION
0		
12		Overburden was 12 feet. The serpentine throughout is normally sheared and well mineralized. Blocky sections appear from 24 to 34 feet and from 40 to 46 feet.
	0.5-1%	From 12 to 219 feet the fiber is short slip fiber occurring in numerous hairlike veins. From 219 to 302 feet the fiber is of good quality and length.
117		Below ore grade.
	1-1.5%	
219		
	2-2.5%	
302		

Logged by L. J.
August 8, 1952

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº T 31

LOCATION: AREA Nº 1 PROPERTY: RUBEROID

ANGLE OF HOLE: 90° DEPTH: 590' SCALE: 1" = 100'

FEET	EST. % FIBER	DESCRIPTION
0		
15		The hole was drilled to a vertical depth of 580 feet. There was 15 feet of overburden.
	2.5-3%	From 15 to 135 feet the serpentine is normally sheared and well mineralized. Fiber is of good quality.
135		
	0.5-1%	From 135 to 233 feet the serpentine is poorly sheared and mineralized. The fiber in this section is very short slip fiber of poor quality.
233		
	1-4%	From 233 to 362 feet serpentine is fair to well sheared and well mineralized. Fiber is slip fiber of fair to good quality. The remainder of the core is poorly sheared and is somewhat talcy in sections. Short slip fiber of poor quality occurs in this latter section. Scattered seams of calcite occur throughout the core.
362		
	0.5-1.5%	Below ore grade
590		

Logged by L. J.
August 6, 1952

DMEA 2080 CONTRACT E 286

LOG OF DRILL HOLE Nº T2-1

LOCATION: AREA Nº 1 PROPERTY: RUBEROID

ANGLE OF HOLE: 90° DEPTH: 209' SCALE: 1" = 50'

FEET	EST. % FIBER	DESCRIPTION
0		
	OVERBURDEN	The hole was drilled to a vertical depth of 209 feet. Overburden was 24 feet.
24		The entire hole, from 24 to 209 feet was amphibolite schist.
	SCHIST	
209		

Logged by L.J.
August 8, 1952

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

July 18, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-2080X
Ruberoid Company
Eden, Vermont

Attached in quadruplicate is the Mining Engineer's Field Report of July 14, 1952, on the asbestos project under Contract No. IdmE-286.

McHenry Mosier

McHenry Mosier

Enclosure
Field Inspection Report (Orig. & 3)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 21 1952

C
O
P
Y

DMEA
Field Inspection Report
July 14, 1952

H. L. Burmeister, Engineer

Operator: Ruberoid Division, Vermont Asbestos Co.
Address: Eden, Vermont
Docket Nos.: 1210 and 2080
Commodity: Asbestos

Four diamond drills are operating, two in area No. 5 of the first contract and two in area No. 2 of the second contract. In June three holes were finished in area No. 2, holes 13 and 50; in area No. 5, holes RF-5 and EH-1 were finished; in area Tower 2, three holes and in the Eden Quarry two holes were finished.

It was found that all of the drill core that approaches economic value is used to assay or evaluate, leaving nothing for later study. The economic cut-off for fiber of any grade is a value of $3.00.

The USGS is mapping in the vicinity but it is not known whether this is near the properties under drilling contracts.

Monthly Operators' Reports for June were completed in technical data and the financial report was practically completed. The new forms were reviewed in detail with the accountant so that the costs should appear in their proper places.

An additional map was obtained which ties all of the areas together.

Mr. Massal stated that he is very disappointed in the drilling results of all areas outside of their own property with the exception of the results in "T" area in contract 2080.

Respectfully submitted,

/s/ H. L. Burmeister
H. L. Burmeister

College Park, Md.
July 17, 1952

Reviewed by
DMEA OPERATING COMMITTEE

(date)

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

August 1, 1952

Memorandum

To: C. O. Mittendorf, Acting Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: June 1952 Monthly Report of Operator
Docket No. DMEA-2080 - Asbestos
Contract No. Idm-E286

Attached are two copies of the Monthly Report of Operator from the Ruberoid Company, Vermont Asbestos Mines, for June 1952. These have been approved and are being sent to the Finance Officer, Region VIII, for payment of the Government's share.

McHenry Mosier

Enclosures 2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 1 1952

orm 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.

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						
Soc. 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 Marshall J. Meier 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)

(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 [illegible] 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

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				
Labor		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
Labor Company	Ft.	1089.34	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 Gen'l. Sup't

Remarks: * Includes Company labor, depreciation and operating material and supplies.

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)

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

JUNE 1972

	Rate	Straight Time Hrs.	Straight Time Pay	Prorated Share of Overtime	Total	Social Security	Co. Paid Unemployment Insurance
K. Sheffels	$1.36	192	$261.12	$21.76	$282.88	$4.03	$2.55
R. Hodgson	1.19	200	238.00	22.44	260.44	3.71	2.72
E. Miles *	1.36 .05	168 120	228.48 6.00	19.54	254.02	3.62	2.65
G. Phelps	1.19 .05	176 120	209.44 6.00	17.16	232.60	3.31	2.43
H. Duhn	1.36	149.5	203.32	12.69	216.01	3.08	2.26
R. Moore	1.12	166.5	186.48	14.09	200.57	2.86	2.09
A. Semle	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
R. 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. Dimick *	1.12 .10 .05	18 2 14	20.16 .20 .70	.19	21.25	.30	.22
F. Tobey	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		80.00	.67	.39
Louis Jordan	Salary	100	201.22		201.22	1.69	.97
W. B. Miller **	Invoice		200.00		200.00		
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
[illegible]
[illegible]

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

One drill was operated in the "Y" area, Progress Map 1, and completed holes Y27, Y28 and Y29. This drill has moved to Hole Y31 which will be drilled to a depth of 600'. Holes Y27, Y28 and Y29 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 Y19, Y21 and Y25. The remainder of the month the party was engaged in establishing an extensive grid system in the Tenor #2 Area and have completed 50% of this project. Field work for geologic mapping of a section south of the schist-serpentine contact in the "Y" area was also completed.

Holes Y21 and Y25 were milled in the Core Testing Laboratory and results were as follows:

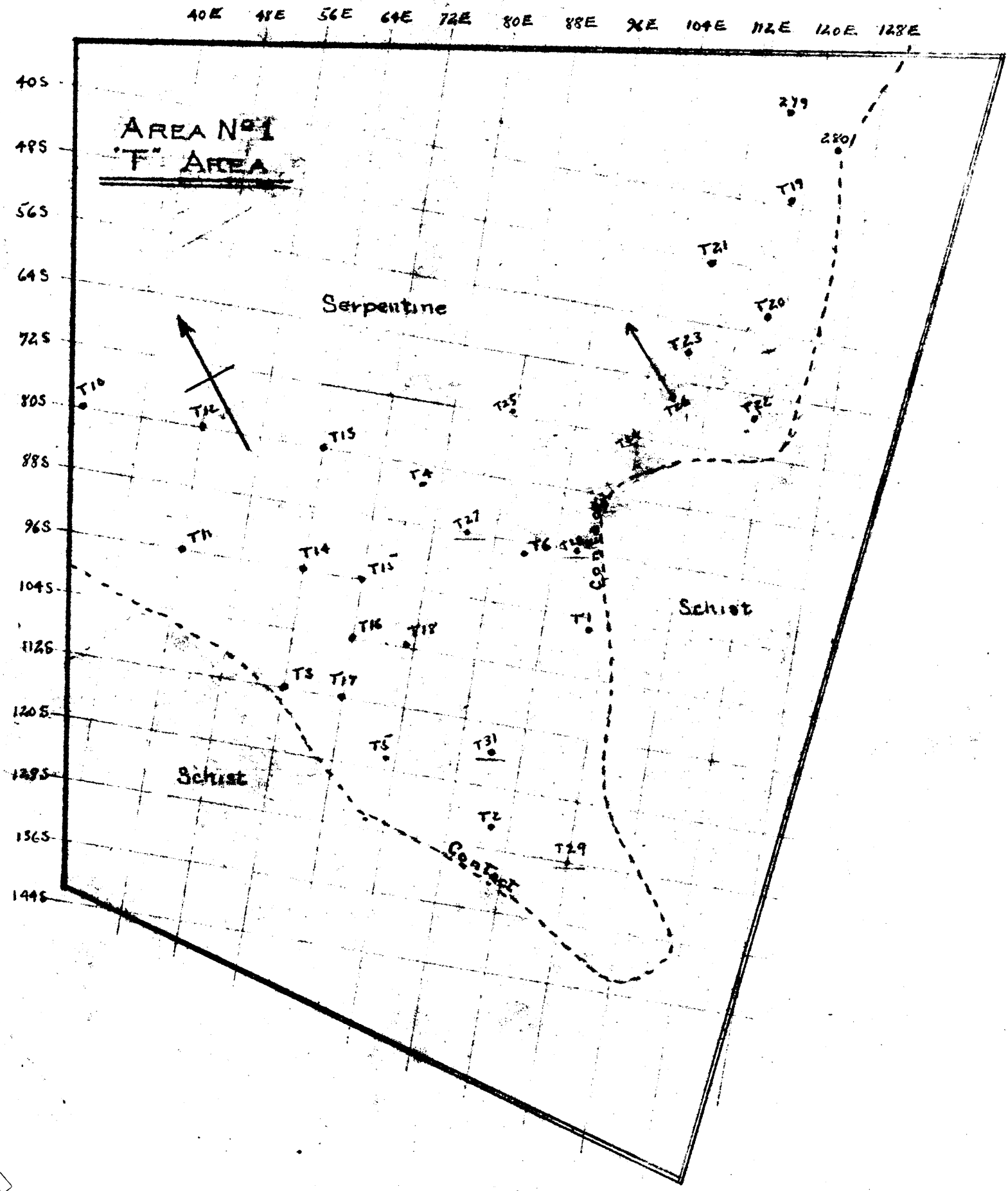
Hole Y21	Percent recoverable fibre	2.60%
	Value per ton Ore	$2.34
Hole Y25	Percent recoverable fibre	1.09%
	Value per ton of Ore	$ .80

Drill logs and progress maps are attached to this report.

DMEA 2080 CONTRACT E286

DIAMOND DRILLING PROGRESS MAP 1.

Scale 1" = 400' Date JULY 19 1952



DMEA 2080 CONTRACT E 286

LOG OF DRILL HOLE Nº T27

LOCATION: AREA Nº 1 PROPERTY: RUBEROID

ANGLE OF HOLE: 90° DEPTH: 232' SCALE 1" = 50'

FEET	EST. % FIBER	DESCRIPTION
0		This hole was a vertical hole to a depth of 232 feet.
10	Over-burden	
	0.5-1%	Overburden in this hole was 10 feet. From 10 to 136 feet serpentine is generally fair to poorly sheared, with the exception of two zones from 46 to 76 feet and from 98 to 113 feet which are well sheared and well mineralized. The fiber in these two zones is slip fiber of short to medium length and of good quality. Fiber content of 46 to 76 feet is estimated to be 2% and of 98 to 116 feet to be 2.5 to 3%. Short slip fiber occurs with talcy material and [illegible] in the mineralization of the shears [illegible]
46		
	2%	
76		
	1.5-2%	
98		
	2.5-3%	
116		
130	1%	
		Several seams of cross fiber, ½ to ⅛ inch wide occur at 51 and 68 feet.
	2-3%	
		From 136 to 232 feet serpentine is fair to well sheared and well mineralized. Slip fiber is fair to good length and of good quality. Estimated fiber content 2 to 3%.
232		There was no indication of spinning fiber in the hole.

LOGGED BY L. J. + E. T.
July 8, 1952.

DMEA 2080 CONTRACT E280

LOG OF DRILL HOLE No T28

LOCATION: AREA No 1 PROPERTY: RUBERSON

ANGLE OF HOLE 90° DEPTH: 288' SCALE 1" = 50'

FEET	EST. % FIBER	DESCRIPTION
0		The hole was vertical to a depth of 288 feet.
15	Over-burden	Overburden was 15 feet deep.
	1-2%	From 15 to 152 feet the serpentine is very fairly well sheared and mineralized. The fiber is very short to medium length slip fiber occurring with some talcy material. At 68 to 116 feet numerous hairlike veinlets occur.
152		From 152 to 242 feet serpentine is well sheared and well mineralized. Fiber is of good quality with the exception of a sweep section at 154 feet which shows long, brittle fiber. Estimated fiber content from 2.5 to 4.5 %.
	2.5-4.5%	From 242 to 288 feet the serpentine is poorly sheared and mineralized. Fiber is generally poor. Estimated fiber content 1.5 to 2.5 %. No indication of spinning fiber.
242		
	1.5-2.5%	

Logged by L.J. + E.T
July 8, 1952

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº T 29

LOCATION: AREA Nº 1 PROPERTY: RUBEROID

ANGLE OF HOLE: 90° DEPTH: 312' SCALE: 1" = 50'

FEET	EST. % FIBER	DESCRIPTION
0		
	Over burden	This hole was drilled vertically to a depth of 312 feet.
36		Overburden was 36 feet deep.
		The serpentine shows normal shearing and is fairly well mineralized. A highly sheared and mineralized zone occurs from 220 to 230 feet.
		The fiber is mostly slip fiber but is of short to medium length. Where it is of good quality, it is somewhat tough.
	2-2.5%	There are several seams of long slip fiber of good quality at 100, 114, 131, 164, 221 feet.
		There are no indications of cross or spinning fiber.
		Recoverable fiber content 2-2.5%.
312		

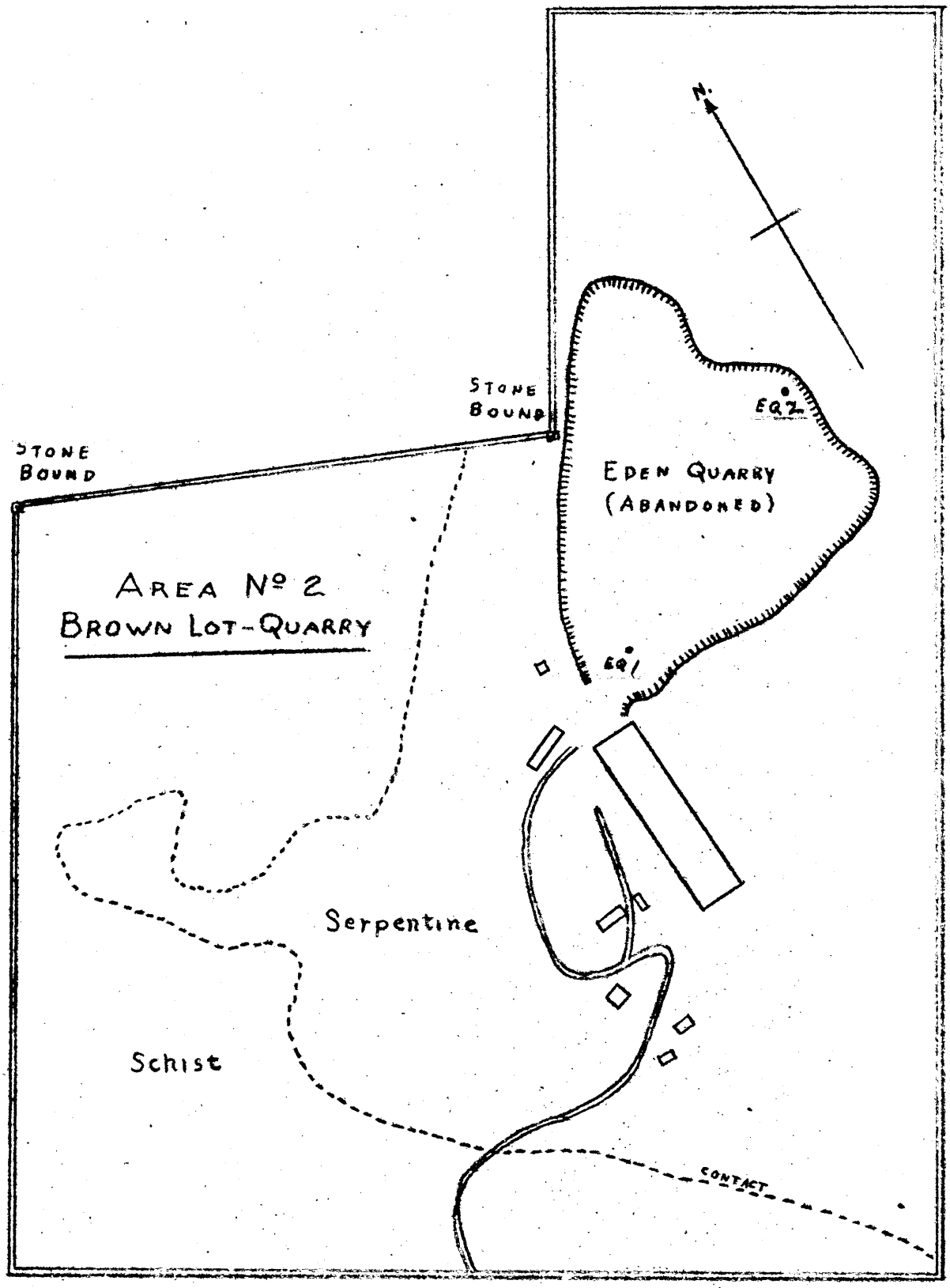
Logged by L. J. & F T
July 8, 1952

DMEA 2080 CONTRACT E 86

DIAMOND DRILLING PROGRESS MAP 6

Scale 1" = 400'

Date JULY 10, 1952



DMEA 2080-CONTRACT E2[illegible]

LOG OF DRILL HOLE Nº EQ-1

LOCATION: AREA Nº 2 PROPERTY RUBEROID
ANGLE OF HOLE 90° DEPTH 921' SCALE: 1"=100'

FEET	EST % FIBER	DESCRIPTION
		This hole was drilled at an angle of 90° to a depth of 921 feet. No overburden was encountered.
		In general from 0 to 390 feet the serpentine is poorly sheared and poorly mineralized with the following exceptions:
	2-2.5%	0 to 10 feet – 6 veins of good cross fiber; 35 to 45 feet – 12 veins short cross fiber; good quality slip fiber at 222-228, 260, 268, 272, 275, 278, 320-350, 355.
		From 390 to 412 feet serpentine is well sheared and well mineralized. Fiber content 3.5%.
390		From 412 to 463 serpentine is poorly sheared. Short to medium length cross fiber occurs. Content 2-2.5%.
412	3.5%	
	2-2.5%	From 463 to 581 feet serpentine is poorly sheared and practically barren of fiber. Some talc sericiite. Content less than 1%.
463		
	2-2.5%	From 581 to 745 the serpentine is highly talcose. No fiber is present.
581		Sericite schist occurs from 745 to 921 feet, becoming highly graphitic from 790 to 855.
	No Fiber	
855		
	No Fiber	
800	921	

Logged by L.J. & E.T.
July 9, 1952

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

June 24, 1952

Memorandum

To: C. O. Mittendorf, Acting Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: May 1952 Progress Report, Contract No. Idm-E286, Docket No. DMEA-2080 - (Asbestos)

Attached is the original and one copy of the Operator's Progress Report from the Ruberoid Company, for the month of May 1952. This has been approved and is being sent to the Finance Officer, Region VIII, for payment of the Government's share.

McHenry Mosier

Attachments:
Operator's Monthly Report
GLNeumann's Field Inspection Report

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
JUN 25 1952

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 (Name of Company) By [signature] (Signature of Authorized Official)

June 10, 1952 (Date) Geol. Supt (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 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

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. Seule	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. Madgett **	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

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
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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	.92
			$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

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

Optionee:	Emerald Company
Address:	Hyde Park, Vermont
Location of Project:	Eden Mills, Vermont
Project No.:	DMRA-[illegible]
Contract No.:	Idm-[illegible]
Commodity:	Asbestos (spinning grade)
Total Cost:	$[illegible],000.00
Government Participation:	70% - $56,250.00
Duration of Contract:	18 months from April 1, 1952

On Contract No. Idm-2286 all of the work was in the Tower area. The geological cover mapped the northeast of the Tower area and the adjoining area to the east. Drill holes T-62, T-63, T-64, T-65 and T-66 were put down to the respective depths of 256, 214, 267, 236 and 181. T-66 was on 18° due to a cliff at the grid-point location. This drilling looks very promising. Hole T-63 had good fiber, 2.5 percent, from 33 to 157 feet and 1.0 percent from 157 to the bottom. Hole T-67 had two good zones. Hole[illegible] averaged 1.0 percent and [illegible] averaged 5.0 percent. The zone from 6 to 68 feet averaged less than one percent. From 68 to 114 averaged 2.5 percent. Drill hole T-68 showed 5.0 percent short fiber from [illegible] and 2.5 percent fiber from 68-[illegible]. Drill hole T-65 showed 1.75 percent fiber from 14 to 236 feet. Drill hole T-66 showed 1.75 percent fiber from 14 to 141 feet. A zone of concentration from 230 to 251 feet showed 3.5 percent.

Hole T-67 located near T-4 and T-6 and hole T-68, near T-1 and T-4, are now drilling. Drilling in the Eden Quarry will start in June.

Very heavy rains hampered the work considerably during May.

G. L. Neumann

[illegible]
[illegible] Inspection Report
June 20, 1952
G. L. Morton, [illegible]

Operator:	Reserved Company
Address:	[illegible]
Location of property:	[illegible]
Lease No.:	[illegible]
Quadrant No.:	[illegible]
Total Depth:	[illegible]
Date Drilling Completed:	[illegible]
Date Completed:	[illegible]
Total Depth:	[illegible]
Drilling Contractor:	[illegible]
Elevation of Derrick Floor:	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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 talus 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.

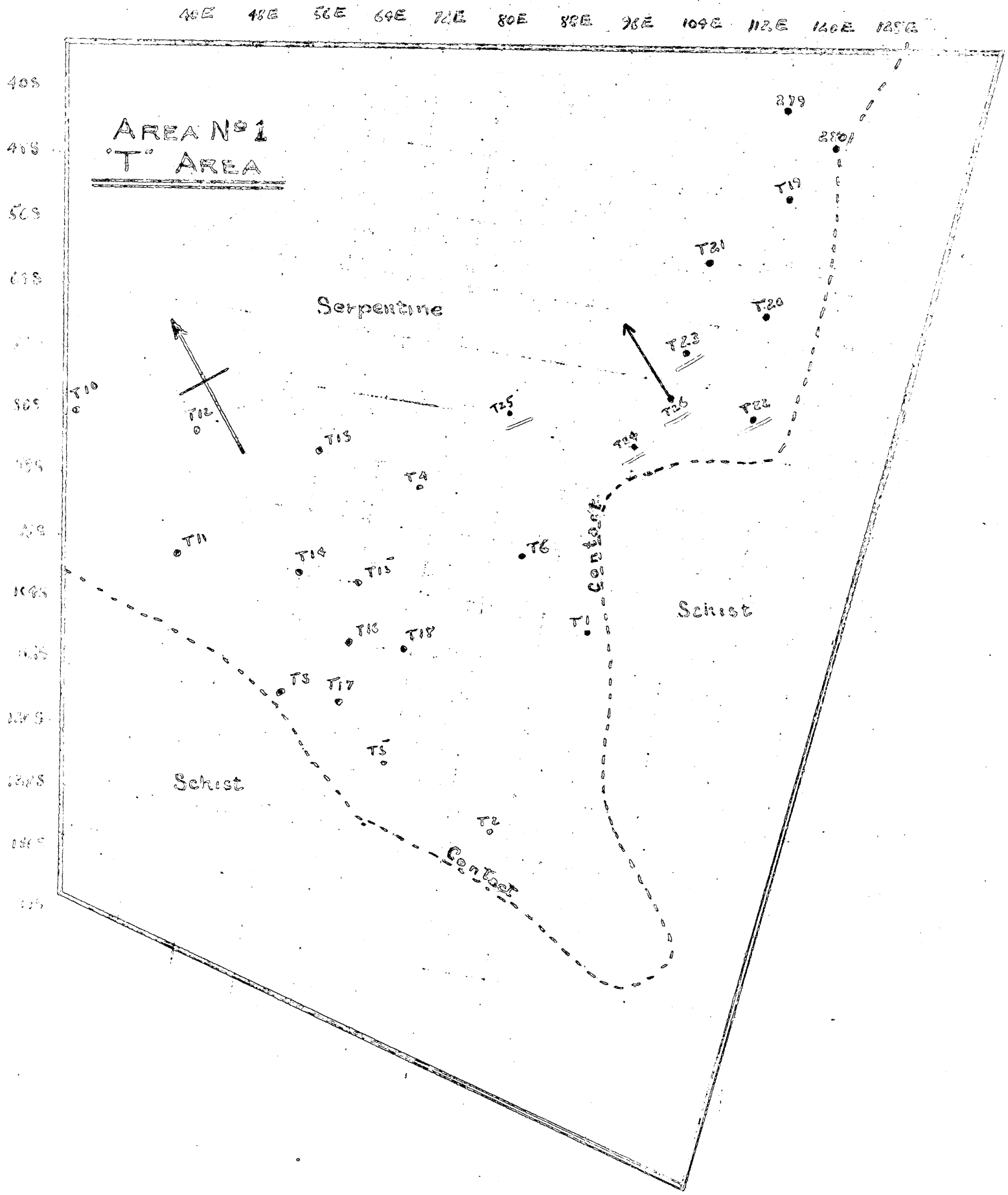
The Field Party completed topographic mapping of a small area south of the contact between the tip of the tongue and Hole T22. They also established control for geologic mapping and study in this area. Topographic mapping and control to the north of T19, T21 and T25 is nearly completed. Some control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

DIMA 2080 CONTRACT E 86

DIAMOND DRILLING PROGRESS MAP 1

Scale 1" = 400' Date JUNE 4, 1952



DMEA 2080. CONTRACT E[illegible]6

LOG OF DRILL HOLE Nº T26

LOCATION: AREA NO 1 PROPERTY RUBEROID

ANGLE OF HOLE 45° LENGTH 401' SCALE 1"-50'

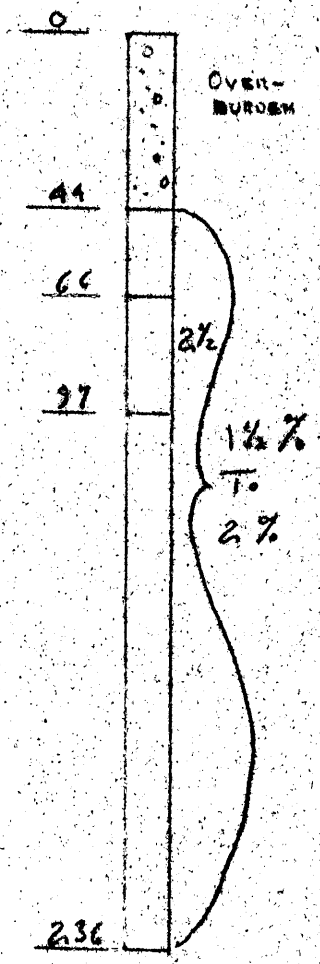
FEET	EST % FIBER	DESCRIPTION
0		
45	1½% To 2%	This hole was drilled at 45° for 401' on a vertical depth of 284'. Overburden was 32 feet deep. Serpentine was encountered throughout. The serpentine is irregularly sheared and mineralized. The only zone of any length is from 220' to 251'. Many other zone 3 to 4 long are present. Narrow fiber seams throughout with both short and medium length fiber. Probably 30% Gp I and better. Where serpentine is blocky fiber seams are well scattered. Should yield 1½% and possibly 2%.
220	3½%	
251		
401		

Logged By J.G. & W.M.
4 June 1952

DMM 2080 CONTRACT E 286

LOG OF DRILL HOLE Nº T25

LOCATION: AREA Nº 1. PROPERTY RUBEROID
ANGLE OF HOLE 90° DEPTH 236' SCALE 1" = 50'



Hole was drilled verticle in serpentine To 236'. Over burden was 44'. Generaly serpentine is not highly sheared except in local areas. Short slip fiber occurs in fine seams. There is no spinning fiber.

66' To 96' shows uniform shearing with a concentration of thin fiber seams. This section should yield 2½ % and possibly 3%.

The entire hole is estimated at 1½ and possibly 2% of fiber running 2½ % Gp II and better.

Logged By J.G. & W.M.
4 June 1942

DMSA 2080 CONTRACT E-86

LOG OF DRILL HOLE Nº T24

LOCATION: AREA Nº 1 PROPERTY RUBEROID

ANGLE OF HOLE 90° DEPTH 229' SCALE 1" = 50'

FEET	EST % FIBER	DESCRIPTION
0		Hole was drilled vertical in serpentine to 229'. Overburden was 35' deep. First 3' of core show nearly barren serpentine.
35	Overburden	
~~38~~	0.2%	
	5%	38' to 68' shows many fine veins of short slip in highly sheared serp. Very little fiber over Gp V. Estimate 5% and possibly 6½%.
68		
	2½%	68 to 229' fine and small slip fiber seams (up to ⅛" thick) are uniformly scattered. Serpentine shows laloeley to normal shearing. A few cross fiber seams up to ¼" thick. Very little spinning fiber. Fiber length would run 30% Gp V and better. Estimated yield 2½%.
229		

LOGGED BY J.G. + W.M.

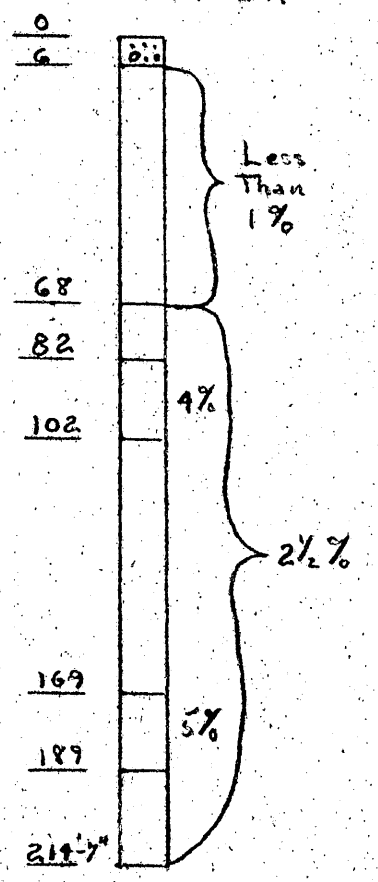
DATE JUNE 3, 1952

DMF 2080 CONTRACT E 206

LOG OF DRILL HOLE Nº T23

LOCATION: AREA Nº 1 PROPERTY RUBEROID

ANGLE OF HOLE 90° DEPTH 202' SCALE 1" = 50'



DESCRIPTION

Overburden

10'-68' is poorly sheared serpentine with occasional short fiber seams.

68-214.7 Irregularly mineralized serpentine with best fiber in short concentrations, as follows:

82-102 Well sheared, some seams with spinning fiber. The best is short. Fiber content about 4%.

169-189 Well sheared many fine fiber seams, small amount of long fiber. Estimated fiber content about 5%.

Remainder of zone (68-214) has scattered short fiber seams.

LOGGED BY J.G + W.M.
DATE 29 MAY 1952

[redacted]E/[redacted]080 CONTRACT [redacted]28[redacted]

LOG OF DRILL HOLE Nº F22

LOCATION: AREA Nº 1 PROPERTY RUBEROID
ANGLE OF HOLE 90° DEPTH 206' SCALE 1" = 50'

FEET	EST. % FIBER	DESCRIPTION
0		
		Over-burden
33		Amphibolite
	2½ %	
157		
	1%	
206		

This hole was drilled verticle to a depth of 206'. Overburden was 27 FT. deep. Amphibolite was encountered from 27 to 33 FT. The amphibolite is coarse grained and veined with calcite.

From 33' to 157' serpentine is found with fine to small slip fiber seams. An occaisional larger seam shows long fiber. Seams are generally scattered but local areas of concentrations occur. Estimated fiber content 2½ %.

From 157 to 206' poorly sheared serpentine with a low fiber content is found. Seams are widely scattered and generally small. Fiber content is not over 1%

LOGGED BY J.G. + W.M.
June 2 1952

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) ~~Fire~~ 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 H. L. Bjurmeister
Entered by
Approved by McHenry Utozier 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										
Transportation				7.20	7.20					
Winzes										
Drill holes Contract										
Overburden Depreciation		236.23			236.23					
Rehabilitation and preparation										
Geology Suprv.	271.54				271.54					
Surveyors&Helpers	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

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

June 24, 1952

Memorandum

To: C. O. Mittendorf, Acting Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: April 1952 Progress Report, Contract No. Idm-E286, Docket No. DMEA-2080 - (Asbestos)

Attached is the original and one copy of the Operator's Progress Report from the Ruberoid Company, for the month of April 1952. This has been approved and is being sent to the Finance Officer, Region VIII, for payment of the Government's share.

McHenry Mosier

Attachments:
Operator's Monthly Report
WTMillar's Field Inspection Report

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 25 1952

MP-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 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						

APRIL - - 1952

	Rate	Straight Time Hours	Straight Time Pay	Prorated Share of Overtime	Total	Social Security	Company paid Unemployment Insurance
E. Duke	$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
E. Mason	1.07	136	145.52	10.17	155.69	2.16	1.59
E. Shufelt	1.31	136.2	178.42	12.63	191.05	2.65	1.95
R. Budgett	1.14	136.2	155.27	10.99	166.26	2.31	1.69
E. Miles	1.31 .05*	136.8 72.96	179.21 3.65	12.06	194.92	2.71	1.98
G. Phelps	1.14 .05*	136.2 72.96	155.27 3.65	10.46	169.34	2.35	1.72
		889.4	$1078.71	$74.43	$1153.14	$16.01	$11.74

* Shift Differential

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

The NEBEROID Co.

J. K. Gilmore
AGENT

DMEA 2080 CONTRACT E286

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 279 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 fiberized 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. Thus Holes T22, T23 and those that follow will be located to the SW of T12-20-21 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 cutting 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 DMEA work planned in AREA No. 2 and AREA No. 3 later on in the year.

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

A

ction Report

Division

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº T 19

LOCATION: AREA Nº 1 PROPERTY RUBEROID
ANGLE OF HOLE 90° DEPTH 198' SCALE 1" = 50'

FEET	EST. % FIBER	DESCRIPTION
0		This hole was drilled in serpentine to 198' with 2' of overburden. Rock is not thoroly serpentinized nor well sheared, with fiberization in narrow seams irregularly distributed. Short zones with concentrated fiber seams. Fiber is good quality, short to medium slip with scattered narrow cross fiber veinlets. Estimated quantity of recoverable fiber is 2½ % with 30 % of Gp V and better but no spinning fiber observed. Final evaluation is possible ore if hole is part of a larger block with a generally higher value.
32	1½-2	
65	3-3½	
198	2-2½	

LOGGED BY J.G. & W.M.
DATE May 6 1952

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº T 20

LOCATION: AREA Nº 1 PROPERTY RUBEROID
ANGLE OF HOLE 90° DEPTH 201' SCALE 1" = 50'

FEET	EST % FIBER	DESCRIPTION
0		
	Over-burden	This hole was in very poorly mineralized serpentine to 201' with 28' of over-burden. Serpentine poorly developed with very little shearing. Short slip fiber in widely scattered thin seams occasionally occuring with calcite.
28		
	½-1	Estimated recoverable fiber ½ to 1% with no spinning fiber. Final evaluation is definately below one grade.
201		

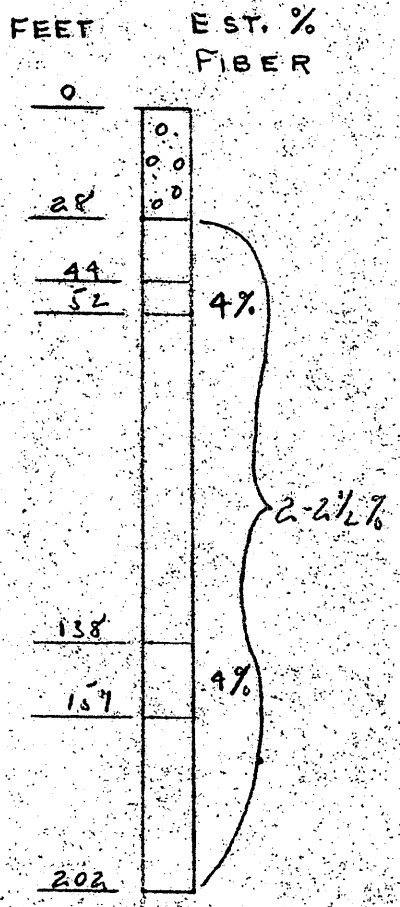
LOGGED BY J.G. & W.M.
DATE MAY 6, 1952

DMEA 2080 CONTRACT E286

LOG OF DRILL HOLE Nº T21

LOCATION: AREA Nº 1 PROPERTY RUBEROID

ANGLE OF HOLE 90° DEPTH 202' SCALE 1" = 50'



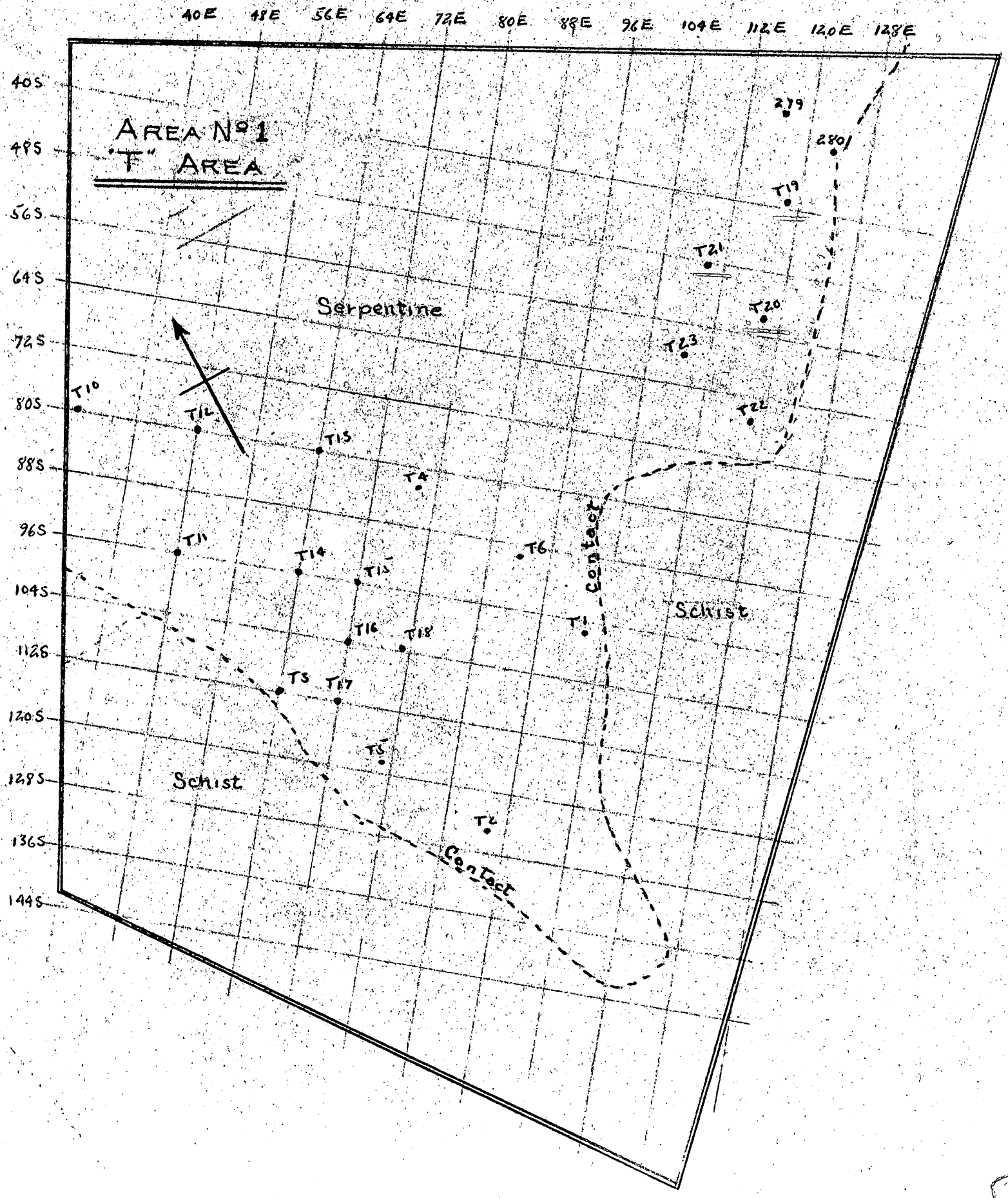
Overburden in this hole was 28' deep and the drill then penetrated somewhat unevenly sheared and fiberized serpentine to 202'. Two zones, as sketched, contain more fiber and the serpentine was more highly sheared. The fiber is all slip, short to medium length, with very little spinning grade. The average is estimated at 2 - 2½ % recoverable fiber with 30% GpII and better. Final evaluation is probable one if the hole can be shown to be within a larger area carrying greater fiber concentrations.

LOGGED BY J.G. & W.M.
DATE 7 MAY 1952

DMEA 2080 CONTRACT E286

DIAMOND DRILLING PROGRESS MAP

Scale 1" = 400' Date MAY 8 1952



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) Fx 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. J. Burmeister
Entered by
Approved by McHenry 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										
Geolog[illegible]s Supry.										
[illegible]g 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