OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-8712, Docket DMEA-3410 (mica), dated September 21, 1956, with

Sam Phillips, John Phillips, and Howard Boone
d/b/a Rock Mining Company
Box 35
Spruce Pine, North Carolina

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Rock Mine located in Yancey County, North Carolina, during the period April 18, 1959, through October 4, 1962.

A certification of discovery or development was issued on June 27, 1955, and, in accordance with Article 7 of the contract, royalty is payable on all minerals produced from the land described in Article 2 of the contract for a period of 10 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated May 16, 1955, indicated accepted costs under the exploration contract amounting to $3,818.00 with the Government's contribution on a 75 percent basis being $2,863.50.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established no sales subject to the Government's royalty subsequent to the period covered by a prior Report of Royalty Review which found the sales subject to the Government's royalty through April 17, 1959, to be $8,692.69. The royalty account as of April 17, 1959, was:

Total Royalty Payable	$434.68
Total Royalty Paid	434.68
Balance of Royalty Due	$ -0-

As of October 4, 1962, the royalty account of this project was found to be:

Total Royalty Payable	$434.68
Total Royalty Paid	434.68
Balance of Royalty Due	$ -0-

October 17, 1962

E. D. Talbert
E. D. Talbert, OME Auditor

Idm-8712 Rock Mining Company DMRA-3410

STATUS OF PROJECT, SCOPE OF REVIEW AND REASONS THEREFOR

This contract provides that the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on all minerals produced from the land thereunder. The land under the contract consists of a 500 foot square located in the Blue Rock Branch Valley, ESE of Micaville and .4 mile west of Butter Gap. At the time the contract was executed the Operator was in possession by virtue of a 5-year lease granted by Nancy C. Spoon of Greensboro, North Carolina, on June 30, 1954. In consideration of the contract the lessor executed an Owner's Consent to Lien on August 13, 1954.

Exploration work under the contract was completed on February 28, 1955. Production during the exploration work and shortly thereafter resulted in aggregate sales of 483.45 lbs of trimmed, 9,812 lbs. of hand cobbed, 20,525 lbs. of scrap, and 4,373 lbs. of punch mica. These sales, which are covered by a Report of Royalty Review dated February 1, 1956, were made variously in the name of the Operator, the individual partners, Blue Rock Mining Co., J. R. Beam, and Gird Biddix. Operations on the property were discontinued in June 1955.

During the summer of 1956 the Blue Rock Mining Co., Box 875, Spruce Pine, North Carolina, operated the property for a short period and sold 14.19 lbs of block mica and a small quantity of scrap. These sales are included in a Report of Royalty Review dated April 22, 1959.

Examinations of the property, inquiries, and checks of the records of the G.S.A. Mica Purchase Depot, Spruce Pine, North Carolina, found no further production or sales through June 15, 1960. An examination of the Depot's records during June 1962 by a representative of this Division disclosed no unreported production. In an October 4, 1962, reply to a DMRA Form 63 inquiry, one of the partners (Sam L. Phillips) indicated that neither production nor change in property status had occurred since June 15, 1960.

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

(1) The files indicate that all sales of production have been reported and proper royalty thereon paid; and
(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

October 17, 1962

Memorandum

To: Chief, Division of Field Operations

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

Subject: DMMA-3410 (Mica)
Rock Mining Company
Rock Mine
Yancey County, North Carolina
Contract Idm-E712

Enclosed are the original and two copies of a Report of Royalty Review covering the subject Region IV contract. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary; and

(b) Two copies to Region IV files.

This report is for OMM record purposes only; therefore, no copy has been provided for the Operator.

As evidence of your concurrence, a copy of your memorandum transmitting the original of the report to the Department's Fiscal Section should be furnished this Division. If for any reason you do not concur, the original and both copies should be returned to this Division with your comments.

Enclosures

EDTalbert/ama 10-17-62

cc:
Docket
Director's Reading File
CA & A Division
Fiscal Section

OCT 1 9 1962

Memorandum

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

From: Chief, Division of Field Operations, OMK

Subject: DMEA-3410 (Mica)
Rock Mining Company
Rock Mine
Yancey County, North Carolina
Contract Idm-E712

Enclosed for your files is the original of a Report of Royalty Review on the subject contract.

George C. Selfridge

Enclosure

GCSelfridge/glm
10-19-62
cc to: Docket DMEA-3410
Director's Reading File
CA&A Division
G. C. Selfridge
R. A. Laurence, USGS, Reg. IV, w/cy of Report of Royalty Review dtd 10/17/62 and orig. cy of memo dtd 10/17/62 to Chief, Division of Field Operations, from CA&A Division.
Avery Reed, USBM, Reg. IV, w/cy of ea. item sent to Mr. Laurence.

E 712 9/21/54 DMRA-3410 Rock Mining Company

Yancey County, N.C. Rock Mine

Last reported Depot sale 197(a) 8/23/56 $136.06 Blue Rock Mng. Co.
Cat. 1851 A

Other known parties of possible interest:

Sam L. Phillips
John Phillips } Partners
Howard Boone

Nancy C. Spoon Lessee
Blue Rock Mining Company Operated part time in 1956
W. H. Coffey, Jr.

J. R. Beam

	Cert. Nos.	Lot Nos.		
Rock Mining Co.	Cat. EPS4-87B	Lot SPBO-22	$447.93 - $122.90 = $325.03	6/2/55
Do	1511 A	1382	$402.14	4/8/55
J R Beam	EPS4-75B	SPBO-1	$239.55	3/30/55
Sam L Phillips	153A	995	$545.50	2/14/55
John Phillips	EPS4-154A	SPOA-659	352.31	11/18/54

Last purchases under each of the certificates indicated.
The last Depot sale was lot SPAO-197(a), 8/23/56,
Blue Rock Mining Co. $136.06.
EEG

No Ab.

GENERAL S[illegible] ADMINISTRATION

FINAL SETTLEMENT

MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE PURCHASED: 8-23-56

ACCEPTANCE NO.: A36-197 (a)

CERTIFICATE AUTHORIZATION NO.: EPS-4-1881A

LOT NO.: SP A(-197 (a)

VOUCHER NO.:

	TOTAL WET (LBS)	LBS. - G. S.	LBS. - STAINED	[illegible]	[illegible]
PROCESSED FOR PAYMENT	16.24	5.32	9.24	1.68	137.79 136.06
PROCESSED - NO PAYMENT					
THINS					
BLACK - DOTS, SPOTS, STAIN					
UNDERSIZED					
PROCESS - [illegible]	.08				
TOTAL LBS. PURCHASED	16.24				

FOR USE OF CERTIFYING OFFICER

LESS: INITIAL PAYMENT - VOUCHER NO. SCH. NO. [illegible] 76.78

BALANCE DUE GOVERNMENT [ ] SELLER [X] [illegible] 49.28

SELLER'S NAME AND ADDRESS

Blue Rock Mining Company
Box 875
Spruce Pine, N. C.

712

NAME OF MINE AND LOCATION

Rock

APPROVED

[signature] 9-T[illegible]

DEPOT SUPERINTENDENT DATE

Form R4-T36, May 1956

ME Form 7
10-58)

OFFICIAL FILE COPY

Date	Surname	Code
6/26		800
		500
		120
		110
		100
		220

June 26, 1962

Memorandum

To: The File

From: C. E. Fisher, OMS Auditor

Subject: Check of Spruce Pine Mica Purchase Depot Records, June 18 - 22, 1962

During the period of June 18 to 22, 1962, I examined the purchase records of the G.S.A. Mica Purchase Depot at Spruce Pine, North Carolina, for the purpose of ascertaining any unreported production under DMEA exploration project contracts. My examination did not disclose any unreported production subject to royalty under the following contracts:

Contract No.	Docket No.	Operator	Mine Names
E- 684	3244	Alex Teague	Old Denson (Denison)
687	3256	Glenn G. Rathburn	Fox, Busby Creek
692	3269	Sam L. Phillips	[illegible] A. McKinney, McKinney No. 1
694	3199	W. E. Chrisawn	[illegible] (W. H.) Westall
712	3410	Rock Mining Company	Rock
737	3469	A. Ward	Moore
757	3559	C. E. Phillips, et al.	[illegible] Dave, Ralph
762	3577	Keller Mining Co.	[illegible]
805	3720	Alvin White, et al.	Howard
830	3265	Mines and Mining, Inc.	Farlow Gap
835	3813	T. [illegible] Vance	Shuffle Vance, Red, Charlie Burleson
840	3799	J. R. Beam	Bennett, Mica Field
865	386[illegible]	Ed Boone	Goop Rock
882	3924	J. [illegible]. Beam & John Phillips	Little Ray, Pat
891	3543	Buchanan Minerals, Inc.	Buchanan, Dream
900	3942	Sam G. Smith	Joe Hill, Sam Smith
962	4147	Sam L. Phillips	Old Buchanan
1003	4239	John Phillips	Roby (Robby)
1008	4332	John Phillips	John (John's) Brown
1037	4268	Murphy Mining Co.	[illegible], Murphy Rock
1042	4449	Clifton J. Buchanan	[illegible], Phillips
1099	4554	Sam L. Phillips	[illegible] Mountain

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

[illegible]/ams
6-26-62

63683

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Division of Nonmetallic Minerals, Office of Minerals Exploration, Washington, D. C., pertaining to Contract No. Idm-E712, Docket No. DMEA-3410 (Mica), dated September 21, 1954, with

Sam L. Phillips, John Phillips and Howard Boone
d/b/a Rock Mining Company
Spruce Pine, North Carolina

for the purpose of determining the amount of royalty due the U. S. Government on sales of mica from property referred to as Rock Mica Mine located in Yancey County, North Carolina, during the period January 27, 1956, through April 17, 1959.

The status of the project, scope of this review and reasons therefor are stated on page 2.

My review established the total sales of mica for this period to be $169.75. Royalty due the U. S. Government at the contract rate of 5 percent is $8.49. A prior report of royalty review for the period September 21, 1954, to January 26, 1956, stated the sales of mica to be $8,522.94 and the royalty at the contract rate of 5 percent to be $426.19. The auditor stated the royalty account as follows:

Total Royalty Due	$426.19
Total Royalty Paid	426.19
Balance of Royalty Due	$ -0-

As of April 17, 1959, the royalty account of this project was found to be:

Total Royalty Due	$434.68
Total Royalty Paid	434.68
Balance of Royalty Due	$ -0-

C. E. Fisher

C. E. Fisher, OME Auditor

April 22, 1959

ROCK MINING COMPANY

Contract No. Idm-2712 Docket No. DMEA-3410

STATUS OF PROJECT, DESCRIPTION
OF REVIEW AND REASONS THEREFOR

A certification of discovery or development was issued on June 27, 1955, and, in accordance with Article 7 of the contract, royalty is payable on the net value of production from the land described in Article 2 during a period of 10 years from the date of the contract or until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first. A Report of Review in lieu of final cost audit dated May 16, 1955, indicated accepted costs under the exploration contract amounting to $3,818.00 with the Government's contribution, on a 75 percent basis, being $2,863.50.

My review consisted of a recomputation of the settlement data furnished by the Executive Officer, OME Field Team, Region V, pertaining to royalty received subsequent to January 26, 1956, and reconciliation of such receipt with copy of deposit slip furnished by the regional finance office. The only receipt of royalty included in this report related to a sale of block mica to the Mica Purchase Depot, Spruce Pine, North Carolina, by Blue Rock Mining Company, covered by the depot's Acceptance No. 197(a), dated August 23, 1956, and related sales of scrap and punch mica on which Government royalty amounting to $8.49 was deposited in Hamilton National Bank, Knoxville, Tennessee, on December 14, 1956, being included in Deposit No. 14-23-070-57.

The review was made in lieu of an on-site audit of the accounts and records for the following reasons:

(1) The Operators under the exploration contract discontinued operations of the property shortly after completion of the exploration work and production and royalty information pertaining to that period has been included in the prior report of royalty review;

(2) The mine was operated by Blue Rock Mining Company for a short time in 1956, royalty has been received on the production by that company, and there is no evidence of any subsequent operation of the property; and

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

MME[redacted]
Apri[redacted]

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name Rock Mining Company

Address c/o Sam L. Phillips

Spruce Pine, North Carolina

Exploration Contract No. Idm-E712 Docket No. 3410

		Check One Yes	Check One No.
1.	(a) Does the Operator stockpile ore subject to royalty repayment?		✓
	(b) If so, is segregation and identification procedure adequate?		
2.	(a) Does Operator commingle production subject to DMEA or OME royalties with exempt production?		✓
	(b) If so, do you consider the allocation of the commingled production equitable?		
3.	(a) Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?		✓
	(b) If so, are adequate records maintained on such material to protect the Government's interest?		
4.	Do you consider the assay controls in effect are adequate?	✓	
5.	Do you consider that the manner of disposing of production gives the Government its fair royalty returns?	✓	
6.	Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?	✓	
7.	Does the Operator buy from or sell to other Operators?		✓
8.	Comment on any item 2 (b) to 6 if answer is No.		

APR 17 1959
Date

W. M. Beck
Mining Engineer

53362

For Certificate of Deposit No. 57, dated December 14, 1956, giving royalty payment of $8.49, see E-194.

REPORT OF
ROYALTY REVIEW

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Executive Officer, DMEA Field Team, Region V, Knoxville, Tennessee, pertaining to Contract Idm-5712, Docket No. DMEA-3410, dated September 21, 1954, with

Sam L. Phillips, John Phillips and Howard Bowne
d/b/a Rock Mining Company
Spruce Pine, North Carolina

for the purpose of determining the amount of royalties due the United States Government on sales of mica from property referred to as Rock Mica Mine located in Yancey County, North Carolina, during the period September 21, 1954, to January 26, 1956.

A certificate of discovery or development was issued on June 27, 1955, and, in accordance with the contract, royalty is payable on all production from the land described in Article 2 of the contract for a maximum period of 10 years from the date of the contract. A Report of Review in lieu of final cost audit dated May 16, 1955, indicated accepted costs under the exploration contract amounting to $3,818.00 with the Government's contribution, on a 75 percent basis, being $2,863.50.

My review included a verification of the royalty paid in connection with the sale of 483.45 pounds of trimmed, 9,812 pounds of hand cobbed, 20,525 pounds of scrap, and 4,373 pounds of punch mica recovered during the exploration period. In addition, a conference was held with Mr. William A. Rock, Mining Engineer, Knoxville, Tennessee, who is thoroughly familiar with the project.

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

(a) The production involved was incidental to the exploration operations.
(b) The property has been idle since completion of the exploration work.
(c) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

The review established the total sales of mica to be $8,522.94. Royalty due the U. S. Government at the contract rate of 5 percent is $426.19. The royalty paid and balance due are as follows:

Total Royalty Due	$426.19
Total Royalty Paid	426.19
Balance of Royalty Due	$ -0-

C. E. Fisher

February 1, 1956

C. E. Fisher, Auditor

E-712

For Certificate of Deposit No. 52, dated December 16, 1955, giving royalty repayment of $6.56, see E-374.

E-712

For Certificate of Deposit No. 24, dated September 1, 1955, giving royalty repayment of $0.59, see E-321.

c
o
p
y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
Room 13, Post Office Building
Knoxville 2, Tennessee

RECEIVED
JUL 29 1955

June 30, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer - Knoxville

From: Executive Officer, DMEA Field Team, Region 5, Knoxville

Subject: Refund - DMEA-3410, Idm-E712 (mica) John Phillips and Howard Boone Rock Mine, Yancey County, North Carolina

The Operators of the subject contract have over-paid the royalty on sales of mica to the extent of $6.15. The mine is no longer in operation and no further royalties will be paid by the present Operators. They are threrfore due a refund of $6.15.

/s/ Robert A. Laurence

Robert A. Laurence

PAID ON VOUCHER & SCHEDULE
OF PAYMENTS K- 4

Bureau Voucher No. 13
Amount: $ 6.15
Date: 7/25/55

c
o
p
y

RECEIVED
JUL 29 1955

Spruce Pine, North Carolina
June 24, 1955

Mr. Robert A. Laurence, Executive Dfficer
D.M.E.A., Region VII, P. O. Bldg.
Knoxville, Tennessee

Dear Mr. Laurence:

I am enclosing a final settlement invoice on Lot.B04-22 on which we paid a refund of $122.90 to the government.

This will entitle us to a refund from DMEA of $6.15 (5% of the refund made on overpayment.

This invoice covered mica sold by Rock Mining Company on April 29, and recently processed.

Very truly yours,

/s/ Sam L. Phillips

Sam L. Phillips

P/b

GENERAL SERVICES ADMINISTRATION

Date: June 20, 1955

Mica Purchase Depot - Spruce Pine, N. C.

WARRANTY, ACCEPTANCE AND INVOICE

RECEIVED JUL 29 1955

Acceptance Number B04-22(a)

Final Settlement

Issued under Certificate of Authorization Number EPS-4-87B

Lot number SPBO-22

Receipt and Weight Ticket Number

W A R R A N T Y

The undersigned, a participant in the Mica Program, warrants that the mica included in this lot of mica is of domestic origin, is not material owned previously by the Government, was not purchased from others prior to December 14, 1951, and is owned by the person or firm whose name appears below (herein referred to as "Seller").

NAME AND ADDRESS OF SELLER (Type or print)	SELLER OR PERSON AUTHORIZAED TO SIGN THIS WARRANTY FOR SELLER
Name Rock Mining Company	Signature /s/ Sam L. Phillips
Street Address Box 35	Name (Type or print) Sam L. Phillips
City, Zone and State Spruce Pine, N. C.	Title (Type or print) Partner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
Grades No. 3 and larger					$70.00	
Grades No. 4 and 5					$40.00	
Grades No. 5½ and 6					$15.00	
STAINED						
Grades No. 3 and larger		$12.00			$18.00	
Grades No. 4 and 5		$ 5.00			$ 8.00	
Grades No. 5½ and 6		$ 3.00			$ 5.00	
HEAVY STAINED						
Grades No. 3 and larger		$ 8.00			$13.00	
Grades No. 4 and 5		$ 4.00			$ 6.00	
Grades No. 5½ and 6		$ 2.00			$ 3.00	
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA

TOTALS	Refund Due			~~$ 0.30~~	122.90

A C C E P T A N C E

Subject to the terms and conditions of the Mica Regulation dated March 12, 1952 (17 F.R. 2279), establishing the Government's Purchase Programs for Domestic Mica, the Government accepts the number of pounds of mica (as hereinabove identified), delivered by the Seller to the Government for which payment in the total amount set forth hereinabove will be made by the Government.

GENERAL SERVICES ADMINISTRATION

By (Type name)	Signature	Title
Ed S. Burleson	/s/ Ed S. Burleson	Buyer

I N V O I C E

To

General Services Administration, Region IV

For Mica delivered as indicated above $

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

Seller (Type mane) Rock Mining Company (Rock Mine)	Date 6-20-55
By (signature) /s/ Sam L. Phillips	Name and Title (Type) Sam L. Phillips, Partner

E-712

For Certificate of Deposit No. 111, dated June 16, 1955, giving royalty repayment of $18.65, see E-454.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM ASH POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
JUL - 5 1955

June 30, 1955

Mr. Sam L. Phillips
Rock Mining Co.
Spruce Pine, N. C.

Re: DMEA-3410, Idm-E712 (mica)
Rock Mine, Yancey County, N. C.

Dear Mr. Phillips:

As you are not planning any further production from the Rock Mine, I am requesting the Finance Office to authorize a refund of $6.15, the amount of overpayment you made on your royalty account.

Your offer to disregard this is appreciated, but there is no reason why you should do so. In order to properly settle this account, you are entitled to the refund.

Very truly yours,

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

RAL/am
cc:
Opr. Corr-2
Lynch
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 25 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
JUL - 5 1955

June 30, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer - Knoxville

From: Executive Officer, DMEA Field Team, Region 5, Knoxville

Subject: Refund - DMEA-3410, Idm-K?12 (mica) John Phillips and Howard Boone Rock Mine, Yancey County, North Carolina

The Operators of the subject contract have over-paid the royalty on sales of mica to the extent of $6.15. The mine is no longer in operation and no further royalties will be paid by the present Operators. They are therefore due a refund of $6.15.

Robert A. Laurence

VJL/zm
cc:
Opr. Com.
Lynch
Laurence
Sam Phillips

For Certificate of Deposit No. 100, dated May 17, 1955, giving royalty repayment of $17.97, see E-410.

For Certificate of Deposit No. 99, dated May 16, 1955, giving royalty repayment of $22.40 and $1.49, see E-410.

For Certificate of Deposit No. 97, dated April 29, 1955, giving royalty repayment of $8.60, see E-674.

SEXTUPLICATE

STANDARD FORM 209e (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with Hamilton National Bank, Knoxville, Tennessee, 4/19/55
(Name and location of depositary) (Date)

DEPOSIT NO.
14-23-070-94

the sum shown opposite for credit, subject to check, in the disbursing account of—

$ 18.17

SYMBOL NO.
1428

E. A. Hudson, Oak Ridge, Tennessee
(Name and address of payee to be credited)

On account of—

1428 $18.17 Royalty Payment
(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen R. Miller, Adm. Asst.
Dept. of Interior, Bureau of Mines
P. O. Box 1909
Knoxville 1, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

APR 19 1955
(Date of credit in Treasurer's account)

DEPOSITOR WILL RETAIN THIS COPY

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with Hamilton National Bank, Knoxville, Tennessee 4/18/55
(Name and location of depositary) (Date sent)

DEPOSIT NO. 14-23-070-93

$ 20.11

SYMBOL NO. 1428

the sum shown opposite for credit, subject to check, in the disbursing account of—

E. A. Hudson, Oak Ridge, Tennessee
(Name and address of officer to be credited)

On account of—

14X4401 $20.11 Royalty Payment Idm-F-712 Rock Mining Company

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen R. Miller, Adm. Asst.
Dept. of Interior, Bureau of Mines
P. O. Box 1909
Knoxville 1, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

[illegible]
(Authorized signature)

APR 18 1955
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

For Certificate of Deposit No. 88, dated April 11, 1955, giving royalty repayments of $21.10, 5.79, and $6.19, see E-410.

For Certificate of Deposit No. 87, dated April 7, 1955, giving royalty repayment of $1.62, see E-431.

E-712

For Certificate of Deposit No. 86, dated March 31, 1955, giving royalty repayment of $29.63, see E-181.

SEXTUPLICATE

STANDARD FORM 209e (Formerly Cert. of Deposit, Form 6598)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

DEPOSIT NO.
14-23-070-82

Deposited with Knoxville National Bank, Knoxville, Tennessee 3/27/55
(Name and location of depositary) (Date sent)

the sum shown opposite for credit, subject to check, in the disbursing account of—

$207.69

SYMBOL NO.
1428

E. A. Indom, Oak Ridge, Tennessee
(Name and address of officer to be credited)

On account of—

E-71

1444N $207.69 Royalty Payment See Reverse

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen R. Miller, Adm. Asst.
Dept. of Interior, Bureau of Mines
P. O. Box 1999
Knoxville 1, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

R. C. Clue
(Authorized signature)

MAR 28

(Date of credit in Treasurer's account)

DEPOSITOR WILL RETAIN THIS COPY

Bm-E-726 Buchanan & Johnson $ 206.19

Bm-E-712 Rock Mining Co. 1.50

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with Hamilton National Bank, Knoxville, Tennessee 3/10/55
(Name and location of depositary) (Date sent)

DEPOSIT NO. 14-23-070-79

the sum shown opposite for credit, subject to check, in the disbursing account of—

$ 59.77

SYMBOL NO. 1428

E. A. Hudson, Oak Ridge, Tennessee
(Name and address of officer to be credited)

On account of—

14444.01 $59.77 Royalty Payment Idm-E-712 Rock Mining Company
(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen R. Miller, Adm. Asst.
Department of the Interior, Bureau of Mines
P. O. Box 1909
Knoxville 1, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY
I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

MAR 10 1955
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with Hamilton National Bank, Knoxville, Tennessee 2/24/55
(Name and location of depositary) (Date sent)

DEPOSIT NO. 14-23-070-73

the sum shown opposite for credit, subject to check, in the disbursing account of—

$ 50.28

SYMBOL NO. 1428

E. A. Hudson, Oak Ridge, Tennessee
(Name and address of officer to be credited)

On account of—

1428.01 $50.28 Royalty Payment Uranium Rock Mining Company
(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen R. Miller, Administrative Assistant
Interior Department, Bureau of Mines
P. O. Box 1909
Knoxville 1, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

FEB 24 1955

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

For Certificate of Deposit No. 70, dated February 16, 1955, giving royalty repayment of $27.28, see E-410.

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with Hamilton National Bank, Knoxville, Tennessee 1-20-55
(Name and location of depositary) (Date sent)

DEPOSIT NO. Vp-23-070-60

the sum shown opposite for credit, subject to check, in the disbursing account of—

$ 33.87

SYMBOL NO. 1128

E. A. Hudson, Oak Ridge, Tennessee
(Name and address of officer to be credited)

On account of—

1-11-03 Royalty Payment $33.87 Tdm-E-712 Phillips & Deane (Rock Mining Co.)

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen R. Miller, Adm. Asst.
Interior Department, Bureau of Mines
P. O. Box 1909
Knoxville 1, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

RECEIVED
JAN 24 1955
DIVISION OF PROCUREMENT
THE LIBRARY
BROOKHAVEN

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service.

DUPLICATE COPY * ORIGINAL LOST IN MAIL

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with Hamilton National Bank, Knoxville, Tennessee 1-24-55
(Name and location of depositary) (Date sent)

DEPOSIT NO. 14-23-070-59

$ 3.08

the sum shown opposite for credit, subject to check, in the disbursing account of—

SYMBOL NO. 1128

E. A. Hudson, Oak Ridge, Tennessee
(Name and address of officer to be credited)

On account of—

1474.01 $3.08 Royalty Payment - Ida-E-712 Rock Mining Company

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen R. Miller, Adm. Asst.
Interior Department, Bureau of Mines
P. O. Box 1909
Knoxville 1, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

Jan 24 1955
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with Hamilton National Bank, Knoxville, Tennessee (Name and location of depositary) 2/10/55 (Date sent)

DEPOSIT NO. 24-23-070-67

the sum shown opposite for credit, subject to check, in the disbursing account of—

$ 60.07

SYMBOL NO. 2428

E. A. Hudson, Oak Ridge, Tennessee
(Name and address of officer to be credited)

On account of—

24.01 $60.07 Royalty Payment Ten-F-712 Rock Mining Company

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen R. Miller, Adm. Asst.,
Interior Department, Bureau of Mines
P. O. Box 1909
Knoxville 1, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

FEB 10 1955

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

TREASURY DEPARTMENT
Division of Disbursement
Oak Ridge, Tenn.

For Certificate of Deposit No. 44, dated December 3, 1954, giving royalty repayment of $17.62, see E-410.

REPORT
OF REVIEW

REPORT
OF REVIEW

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Sam L. Phillips, John Phillips and Howard Boone
d/b/a Rock Mining Company
Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Idm-E712, Docket No. DMEA-3410, for the months of October, 1954 to February, 1955, inclusive, covering a project for the exploration of mica on property, known as the Rock Mica Mine located in Yancey County, North Carolina.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, verification of work performed by reference to Field Team reports, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reason:

all of the costs incurred were under a contract provision for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

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

Total cost as billed by Contractor		$3,818.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$3,818.00

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Two thousand eight hundred sixty-three and 50/100 Dollars

$2,863.50

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

E. D. Talbert, Auditor

May 16, 1955

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

44

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1955 Docket No. DMEA 3410 Contract No. Idn-E712
Operator's Name John Phillips and Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.
Contract Amount, $ 3939.00 Government Participation: 75 % Amount, $ 2953.50

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
14' Drifting @ 30.00	420.00	1260.00	1680.00			
Incline Shaft		2000.00	2000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Toolhouse		100.00	100.00			
Powder & Exploder Mags.		33.00	33.00			
(8) Contingencies (specify):						
TOTALS	420.00	3393.00	3813.00	420.00	3398.00	3818.00

Office Minerals Administration
RECEIVED
MAR 11 1955

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 3-2-55 *Payee Rock Mining Co.
c/o John Phillips
Per John Phillips Title Partner

*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:

$ 315.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 3-9-55 Vou. No.
(See other side)

5

105.00

(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-E712 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date March 7, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date MAR 8 1955

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

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

Month of February 195 5 Docket No. DMEA 3410 Contract No. Idm-E712
Operator's Name John Phillips and Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.

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
14 Drifting O 30.00	Ft.	420.00	14	1680.00	56	30.00	60	30.00
Crosscutting								
Raising								
Shafts				2000.00	40	50.00	40	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		420.00		3680.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Toolhouse				100.00				
Powder & Exploder Magazines				33.00				
Total Costs		420.00		3813.00				

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 3-2-55 Operator John Phillips & Howard Boone

Per John Phillips Title Partner

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 872894

OPERATOR'S
Monthly Report of Progress

February, 1955

DMEA-3410

Idm-E712

Work Accomplished:

We completed 14' of drift this month. Slow progress has been due to the wide vein, which is about 10' wide. We have not been doing much shooting in order to protect the mica. The vein is in solid rock. We have been recovering about one ton of mica per week, which we value at about $500.00 per ton. We have had to pump quite a bit of water during the recent heavy rainfall, being surface water which seeps in.

Daily Notes:

Feb. 1 - 4 - Drilled, mucked. Recovered several hundred lbs. of mica. Still in hard material, vein widening.

Feb. 7 - 11 - Pumped water, continued with drift. Vein about 10 feet wide. Recovered mica. Have five trimmers working full time processing mica.

Feb.14 - 18 - Pumped water, drilled, mucked. Made a sale of mica which totaled $975.00

Feb.21 - 28 - Continued with drift at rather slow progress, recovering several hundred pounds of mica per day. Four men worked full time, one shift.

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 35

OPERATOR'S MONTHLY REPORT AND VOUCHER

Defense Minerals Administration
RECEIVED
FEB 9 1955

Month of January, 195 5 Docket No. DMEA 3410 Contract No. Idm-E 712
Operator's Name John Phillips and Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.
Contract Amount, $ 3938.00 Government Participation: 75 % Amount, $ 2953.50

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
20' Drifting @ 30.00 ft.	600.00	660.00	1260.00			
40' Shaft @ 50.00 ft.		2000.00	2000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Toolhouse		100.00	100.00			
Powder & Exploder Magazines		38.00	38.00			
(8) Contingencies (specify):						
TOTALS	600.00	2798.00	3398.00	600.00	2798.00	3358.00

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

Date 2-2-55 *Payee John Phillips
Rock Mining Co.
Per John Phillips Title Partner

*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:

$ 450.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 2-8-55 Vou. No.
(See other side)

150-00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdm-E 712 in accordance with the terms of the contract.

Signature Henry H. Amos Title Geologist-USGS Date Feb. 7, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DATA [illegible] Date FEB 7 1955

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1955 Docket No. DMEA 3410 Contract No. Idm-E712
Operator's Name John Phillips and Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
201 Drifting @ 30.00	Ft.	600.00	20	1260.00	42	30.00	60	30.00
Crosscutting								
Raising								
Shafts	Ft.			2000.00	40	50.00	40	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		600.00		3260.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Toolhouse				100.00				
Powder & Exploder Magazines				38.00				
TOTAL COSTS		600.00		3398.00				

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 2-2-55 Operator John Phillips & Howard Boone

Per John Phillips Title Partner

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 872894

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1955

OPERATOR'S

Monthly Report of Progress

January, 1955

DMEA-3410

Idm- E 712

Work Accomplished:

We completed 20 feet of drift during January, operating in extremely cold weather. We have been in pegmatite all the way and the vein has been about 10' wide. It has been bearing mica of poor quality but as the vein is now narrowing, we hope the quality will improve. We have recovered about 3 Tons of mica, and have sold about $1200.00 worth during the month.

Daily Notes:

Jan. 3 - 7 - Drilled and shot, mucked. Recovered some mica.

Jan. 10-14 - Still in pegmatite, drilled, shot and mucked.

Jan. 17-21 - Continued with drift in same direction, recovering mica in considerable quantity.

Jan. 24-31 - Still in pegmatite, vein narrowing. Drilled and shot, mucked out waste. Recovered more mica.

Sold about $1200.00 worth of mica during month.

Form MF-504 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 31

RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1955 Docket No. DMEA 3410 Contract No. JCn-E712

Operator's Name John Phillips and Howard Boone Minerals Mica

Address Rock Mining Company, Spruce Pine, N. C.

Contract Amount, $3933.00 Government Participation: 75 % Amount, $2953.50

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
22' Drifting @ 30.00	660.00		660.00			
45' Incline Shaft @ 50.00	225.00	1775.00	2000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Toolhouse		100.00	100.00			
Powder & Exploder Mags.		38.00	38.00			
(8) Contingencies (specify):						
TOTALS	885.00	1913.00	2798.00	885.00	1,913.00	2,798.00

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

Date 1-4-55 *Payee Rock Mining Co.

Per John Phillips Title Partner

*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:

$663.75

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 1-11-55 Vou. No.
(See other side)

3

221.25

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdm-E712 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Jan. 10, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date JAN 11 1955

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 13 1955

Month of December 195 4 Docket No. DMEA 3410 Contract No. Ion-1712
Operator's Name John Phillips and Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.

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
22 Drifting @ 30.00	Ft.	660.00	22	660.00	22	30.00	60	30.00
Crosscutting								
Raising								
4½ Shafts @ 50.00	Ft.	225.00	4½	2000.00	40	50.00	40	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		885.00		2660.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Toolhouse				100.00				
Powder & Exploder Magazines				38.00				
Total Costs		885.00		2798.00				

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 1-4-55 Operator John Phillips & Howard Boone

Per John Phillips Title Partner

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 872894

OPERATOR'S

MONTHLY REPORT OF PROGRESS

Month of December, 1954

DMEA-3410

Idm-E 712

Work Accomplished:

We completed the footage on the incline shaft, and completed 22' of drift. We are still in hard material and are having to drill and shoot all the way. We recovered about 600# of mica during the month.

Daily Notes:

Dec. 1 - 3 - Drilled and shot. Mucked.

Dec. 6 -10 - Finished 40 feet of incline shaft. Began on drift in direction advised by field team. Still in rock and hard material.

Dec.13 -17 - Continued to drill and shoot. Bad weather slowed progress during the week . Mucked out. Recovered some mica, not very good quality.

Dec. 20-24 - Drilled and shot. Recovered more mica, improving in size in quality slightly. Mucked.

Dec. 27-31 - Continued in rock and hard material, also in vein and mica. Recovered some fairly large mica of a little better quality. During month recovered about 600 lbs. mica.

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

BATCH VOUCHER & SCHEDULE OF PAYMENTS K- 27

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1954 Docket No. DMEA 3410 Contract No. Idm-E712
Operator's Name John Phillips & Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.
Contract Amount, $ 3938.00 Government Participation: 75 % Amount, $ 2953.50

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
19½' Shaft @ 50.00	975.00	800.00	1775.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Toolhouse		100.00	100.00			
Powder & Exploder Magazines		38.00	38.00			
(8) Contingencies (specify):						
TOTALS	975.00	938.00	1913.00	975.00	938.00	1913.00

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

Date 12-2-54 *Payee John Phillips

Per John Phillips Title Partner

*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:

$ 731.25

Signature Helen R. Miller
(Authorized Certifying Officer)

Date DEC 8 1954 Vou. No. 101
(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-E712 in accordance with the terms of the contract.

Signature Lawrence E. Shurley Title Mining Engr. U.S.B.M. Date Dec. 6, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date DEC 7 1954

MONTHLY REPORT OF OPERATOR

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(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.

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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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Nov. 1954 Docket No. DMEA 3410 Contract No. Idm-E712

Operator's Name John Phillips and Howard Boone Minerals Mica

Address Rock Mining Co., Spruce Pine, N. C.

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								
19½' Shafts @ 50.00 ft.	Ft.	975.00	19½	1775.00	35½	50.00	40	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		975.00		1775.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Toolhouse				100.00				
Powder & Exploder Magazines				38.00				
Total Costs		975.00		1913.00				

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 12-2-54 Operator John Phillips & Howard Boone

Per John Phillips Title Partner

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

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GPO 83-38475

OPERATOR'S
MONTHLY REPORT OF PROGRESS

Month of November, 1954

DMEA-3410

Idm-E 712

Work Accomplished:

We reached a depth of 34' with the incline shaft, making a total of 22½' for the month of November. We are in solid rock, making the progress rather slow. We recovered some mica from one shot to the side of the shaft and sold $352.31 worth of trimmed mica. No mica has been found in the shaft until the last two or three feet, where some scrap is beginning to show.

Daily Notes:

Nov. 1 - 5 - Drilled and shot in rock and hard material. Mucked.

Nov. 8 - 12 - Put in one shot to side of shaft and recovered a small amount of fair grade mica. Had this trimmed for sale. Continued with incline shaft, still in rock.

Nov. 15 - 19 - Sold the trimmed mica. Drilled and shot, then mucked out last part of week.

Nov. 22 - 26 - Continued to shoot and drill in rock and hard material. Progress is slow.

Nov. 29 - 30 - Picked up some small bits of scrap mica. Drilled and shot .

Three men working regular shifts, 5 days a week.

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

Budget Bureau No. 42-R1036.5

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

Month of October, 1954 Docket No. DMEA 3410 Contract No. Idm-E712
Operator's Name John Phillips and Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.
Contract Amount, $ 3938.00 Government Participation: 75 % Amount, $ 2953.50

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
20' Shaft @ 50.00 ft.	1000.00	None	1000.00	800.00		800.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Toolhouse	100.00	-	100.00	100.00		100.00
Powder & Exploder Magazines	38.00		38.00	38.00		38.00
(8) Contingencies (specify):						
TOTALS	1138.00		1138.00	938.00		938.00

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

Date 11-1-54 *Payee John Phillips Rock Mining Company

Per John Phillips Title Partner

*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:

$ 703.50

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 23 1954 Vou. No. 87

(See other side)

1 10/11 234 50

(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. Tm-E712 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Nov. 5, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date NOV 8

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 195 4 Docket No. DMEA 3410 Contract No. Idm-E712

Operator's Name John Phillips & Howard Boone Minerals Mica

Address Rock Mining Co., Spruce Pine, N. C.

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								
20' Shafts @ 50.00	Ft.	1000.00	20	1000.00	20	50.00	40	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1000.00		1000.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		138.00		138.00				
TOTAL COSTS		1138.00		1138.00				

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 11-1-54 Operator John Phillips & Howard Boone

Per John Phillips Title Partner

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 872894

OPERATOR'S
MONTHLY REPORT OF PROGRESS

DMEA-3410

Idm-E712

Date Work Began: Oct.11,1954

Work Accomplished:

Moved in machinery and set it up, built toolhouse, powder and exploder magazines. Cleaned out muck and began to sink shaft, advancing to a depth of 20 feet. No difficulty encountered.

Daily Notes:

October 11 - 15 - Moved in machinery. Installed track after shooting some in floor of mine to install track at an angle. Built toolhouse, powder and exploder magazine.

October 18 - 22 - Started sinking shaft. Had to drill and shoot in hard material. Mucked.

October 25 - 29 - Continued sinking shaft, reaching a depth of 20 feet. In vein material and hard rock all the way. No mica recovered but material looks favorable.

November 8, 1954

Mr. John Phillips
Rock Mining Company
Spruce Pine, N. C.

Re: DMEA-3410, Idm-E 712
Rock Mine, Yancey County, N. C.

Dear Mr. Phillips:

Your monthly report and voucher was received in this office today and is being sent to the Finance for payment with a deletion of $200.00. Our Engineers visited the mine on November 4 and their measurement showed only 16 feet of shaft had been sunk to that date. Your reports show that 20 feet had been advanced up to November 1.

Your totals should read $938.00, instead of $1138.00. We have made the correction on our copies, please correct yours.

Very truly yours,

Robert A. Laurence
Executive Officer, DMEA
Region VII

WAB/EM
cc:
Finance Office
Beck
Lynch
Files

SEP 2 9 1964

Rock Mining Company
c/o Mr. Sam L. Phillips
Spruce Pine, North Carolina

Re: DMEA-3410 (Mica)
Rock Mining Company
Rock Mine
Yancey County, North Carolina
Contract Idm-8712

Gentlemen:

Thank you for returning the completed Form 63's mailed to you on September 21, 1964.

By the terms of the subject Exploration Project Contract and the certification of discovery or development dated June 27, 1955, all minerals mined or produced from September 21, 1954, to September 21, 1964, were subject to the Government's royalty as set forth in said contract.

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

Sincerely yours,

George Fumich, Jr.

Acting Director

MMerrithew/mm
9/29/64
cc: Director's Reading File
CA&A Div.
R. A. Laurence, Knoxville, Tenn. w/cy of incoming Form 63 dated 9/21/64
Docket
Code 120 M
Mrs. Nancy C. Spoon, Greensboro, N.C.

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

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

To: Sam L. Phillips, John Phillips and Howard Boone
doing business as Rock Mining Co.
Spruce Pine, North Carolina

Pursuant to the provisions of Exploration Project Contract No. Idm-8712, dated September 21, 1954 (Docket No. DMEA-3410), hereinafter called the "contract" between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

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

The lower of four pegmatite pods occurring in echelon in mica schist and gneiss was found by an incline shaft and drifts. Significant amounts of strategic mica were produced during the project.

THE UNITED STATES OF AMERICA

By O M Mendenhall
Administrator, Defense Minerals
Exploration Administration

Dated: JUN 27 1955

WCAnderson:gad 6/17/55
Copy to: Mr. Clarence A. Fredell, EPS, GSA
Docket
Admr. R. File
Mr. Chambers
Mr. Johnson
Operating Committee
Finance Office
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Hedges, 3612
Mr. Houk

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

JUN 2 8 1955

Messrs. Sam L. Phillips, John Phillips
and Howard Boone
Rock Mining Co.
Spruce Pine, North Carolina

Re: Docket No. DMEA-3410 - Mica
Sam L. Phillips, John Phillips
and Howard Boone d/b/a
Rock Mining Co.
Rock Mine
Yancey County, North Carolina
Contract No. Idm-2712

Gentlemen:

Transmitted herewith is a certification of discovery or development on Contract No. Idm-2712 on the Rock Mine, Yancey County, North Carolina.

By the terms of the Exploration Project Contract and of the certification, all production from the property from the date of the Exploration Project Contract, September 21, 1954, is subject to the Government's percentage royalty as set forth in the contract until the sum of $2,863.50 is paid or until September 21, 1964, whichever occurs first.

Payments should be made to Mr. Robert A. Laurence, Executive Officer, Defense Minerals Exploration Administration Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee. Checks should be drawn payable to the Defense Minerals Exploration Administration. The purchaser should be advised to deduct the royalties from the amount due on each shipment and forward check to the Executive Officer.

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

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

Sincerely yours,

C. O. Mittenderf

Administrator

Enclosure

WCAnderson:gad 6/16/55

Copy to: Admr. L. Fls
Docket
Mr. Johnson
Mr. Chambers
Operating Committee
Field Team, Region V
Mr. Killegaard, 5222
Mr. Hedges, 3612
Mr. Houk

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

JUN 2 8 1955

Mr. Clarence A. Fredell, Acting Director
Materials Division
Emergency Procurement Service
General Services Administration
7th and D Streets, S. W.
Washington 25, D. C.

Re: Docket No. DMEA-3410 - Mica
Rock Mining Company
Sam L. Phillips, John Phillips
and Howard Boone
Rock Mine
Yancey County, North Carolina
Contract No. Idm-1712

Dear Mr. Fredell:

I am enclosing one copy of a certification of discovery or development relating to the subject contract.

The exploration contract was signed on September 21, 1954, with the Government participating to the extent of 75% of $3,938.00 or $2,953.50. The project was started on October 11, 1954 and completed February 28, 1955, after the expenditure of $3,818.00 which is the total net accepted cost according to the Audit Review. The Government paid 75% of the total accepted cost, or $2,863.50.

The work performed on this project consisted of the construction of a toolhouse and powder and exploder magazines, 40 feet of shaft sinking and 56 feet of drifts. Work resulted in discovery of a pegmatite pod 55 feet long with a horizontal thickness of 15 feet and vertical thickness of 20 feet. Ore reserves cannot be calculated since the pegmatite consists of a series of pods occurring in echelon down the dip. Three upper pods were mined out previous to the project and the 4th pod was practically mined out during the project. Existence of more pods down dip is probable. Production during operation amounted to 30,000 pounds of "mine run" mica, yielding 449.33 pounds of trimmed sheet mica, 4,004 pounds of hand-cobbed mica and 17,755 pounds of scrap mica.

The DMEA concurs in the Field Team evaluation of the work performed and therefore has certified that a discovery or development has resulted from the work under this contract.

Sincerely yours,

C. O. Mittendorf

Administrator

WCAnderson:pk 6/17/55
Copy to: Admr. R. File
Docket
Mr. Johnson
Mr. Chambers
Operating Committee
Field Team, Region V (2)
Mr. Killsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk (2)

Docket No. ~~DMEA - 3410~~

Commodity ~~Mica~~

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 712

Date of Contract ~~amendment~~: Sept. 21, 1954

Name and Address of Operator:
Sam L. Phillips, et al
Yancey County, North Carolina

Amount of Government participation $2,953.50

Percent of Government participation 75 %

Region: V State: North Carolina

Please release $ 90.00

(Name)
J. L. Chambers
Chief, Contract Administration and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. 5/23/55

54458

Docket No. ~~DMEA - 3410~~

Commodity ~~Mica~~

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E ~~712~~

Date of Contract ~~or Amendment:~~ Sept. 21, 1954

Name and Address of Operator:
Sam L. Phillips, et al
Yancey County, North Carolina

Amount of Government participation ____ $ 2,953.50

Percent of Government participation ~~75~~ %

Region: VII State: North Carolina

(Name)
J. L. Chambers
Chief, Contract Administration and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington.

9/21/54 54458

Government's copy

Defense Minerals Administration
RECEIVED
OCT 6 1954

MF-200A
(Revised June 1954)

Docket No. DMEA 3410

Commodity Mica

Contract No. Idm-E 712

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT[1]
(Short Form)

It is agreed this 21st day of September, 1954 between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Sam L. Phillips, John Phillips and Howard Boone, Partners, doing business as Rock Mining Company, whose mailing address is Spruce Pine, North Carolina, hereinafter called the "Operator," as follows:

ARTICLE 1. *This contract* is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200A), the attached Exhibit "A," Annex I, and .....

The Operator shall not transfer or assign this contract or any right thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of North Carolina, County of Yancey, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] lessee of [5] the mineral rights in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] lease, [7] un recorded in Book ....., page ....., official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: none

(c) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above, and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title of the land (lessor, seller, optionor, etc.), are attached, as follows: Owner's Consent to Lien of lessor, Nancy C. Spoon

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un."

(d) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, the Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. If the Government makes no certification of discovery or development within the time limited in Article 7, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 7(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of Mica The work to be performed is described in Exhibit "A." The Operator on or before ..... shall commence the work, and on or before April 1, 1955 (unless the Operator's obligation to complete the work is terminated—see Article 8) shall complete the work.

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(b) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after a certification of discovery or development to inspect production operations and underground workings. The operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 5. *Contribution by the Government.*—A fixed cost for each unit of work to be performed (per foot of drifting, per foot of drilling, per hour of operations, etc.) is hereby agreed upon, and is set forth in Exhibit "A" in connection with the estimated total cost of the project in the sum of $3,938.00 The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $2,953.50: *Provided,* That until the Operator has rendered to the Government his final report, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of 10 percent of the estimated total cost of the work. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 6(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *Reports, accounts, audits.*—(a) *Operator's records.*—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work

performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records or accounts.

ARTICLE 7. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after a sufficient final report and final account (see Article 6) has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

(b) *Royalty on production.*—The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, within a period of ten years from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the crude ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

(d) *Unsold production.*—If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

(For instance: the royalty on an amount of five dollars ($5.00) per ton would be one and one-half (1½) percent; on an amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this article.

(g) *Lien for payment.*—To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(h) *Notice to purchasers.*—The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 8. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery, and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The remedy provided for the Government in this paragraph "(b)" is in addition to any other remedy provided in this contract, and in addition to any other remedy the law may provide for breach of contract.

(c) The giving of any notice by the Government under the provisions of this Article 8 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and such rights shall be fully preserved.

ARTICLE 9. *Notices to be given by the Government* may be delivered to the Operator, or may be sent by registered mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 10. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 11. *Changes and added provisions.*—

Executed in sextuplicate the day and year first above written.

ROCK MINING COMPANY
(Operator)

By Sam L. Phillips (Partner)

By John Phillips (Partner)

By Howard Boone (Partner)

THE UNITED STATES OF AMERICA

By Frank E. Johnson
ACTING Administrator, Defense Minerals Exploration Administration

---

I, ..., certify that I am the ..... secretary of the corporation named as Operator herein; that ..... who signed this contract on behalf of the Operator, was then ..... of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

.....

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—70618-1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 6 1954

EXPLORATION PROJECT CONTRACT
ROCK MINING COMPANY
DOCKET NO. DMEA-3410

ANNEX I

The land referred to in Article 2 of the contract form was leased for mining purposes to Sam L. Phillips, John Phillips and Howard Boone for a period of five years by Nancy C. Spoon by an instrument dated June 30, 1954. It is located in Yancey County, North Carolina, east-southeast of Micaville in the Blue Rock Branch Valley, 0.4 miles west of Butler Gap, and is described in the lease as follows:

> Beginning at the center of the mine known as Rock Mine and running north 250 feet, thence west 250 feet, thence south 500 feet, thence east 500 feet, thence north 500 feet, thence west 250 feet to the beginning.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 6 1954

EXPLORATION PROJECT CONTRACT
ROCK MINING COMPANY
DOCKET NO. DMEA-3410

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica shall be accomplished in the area indicated on the attached map entitled "Rock Mica Mine, Yancey County, North Carolina, DMEA-3410," made a part of this Exhibit "A," as follows:

(1) Construct: a toolhouse, 10 feet by 12 feet; a powder magazine; and an exploder magazine; each structure to be adequate for the requirements of the project.

(2) Sink on the pegmatite a two-compartment shaft to a depth of not more than 40 feet.

(3) From the bottom of the shaft, explore the pegmatite by driving not more than 60 feet of drifts and/or crosscuts.

The shaft and the drifts and/or crosscuts shall be timbered as necessary and shall have cross-sectional dimensions of not less than 5 feet by 7 feet in the clear of timber.

The location, inclination, direction and extent of all work are subject to the approval of the Government.

Fixed Unit Costs

Constructing -	Toolhouse 1/	$ 100.00
	Powder magazine 1/	25.00
	Exploder magazine 1/	13.00
Sinking 40 feet of shaft @ $50.00/ft.		2,000.00
Driving 60 feet of drifts and/or crosscuts @ $30.00/ft.		1,800.00

1/ The completed work constitutes the unit

Estimated total cost of project	$3,938.00
Government participation at 75%	$2,953.50

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1954

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of North Carolina, County of Yancey, described as follows:1/

Beginning at the center of the mine known as Rock Mine and running North 250', thence West 250', thence South 500', thence East 500', thence North 500', thence West 250', to the beginning. This property located in the Blue Rock section of Yancey County.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Sam L. Phillips, John Phillips and Howard Boone

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

(OVER)

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions _____

_____

_____

_____

Dated this 13th day of August, 1954.

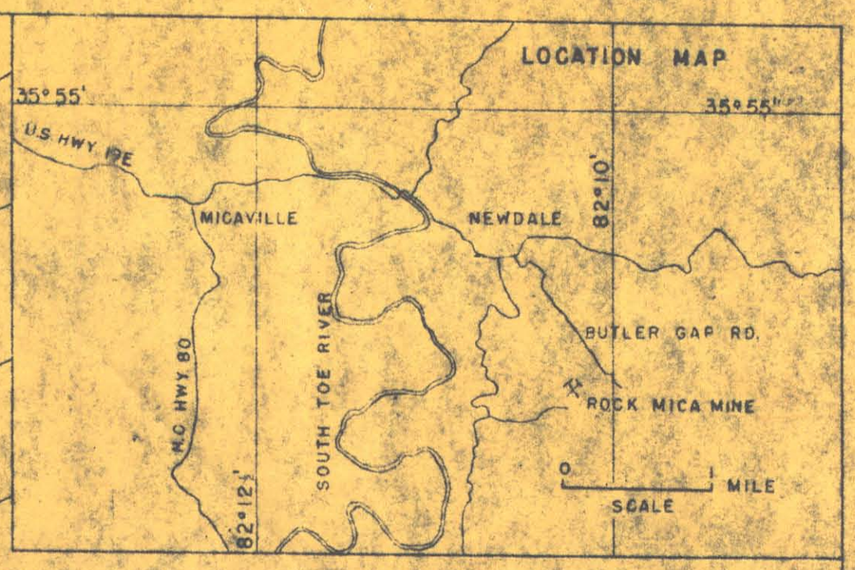
Nancy P. Sloan [Seal] Greensboro, N. C.

_____ [Seal]

_____ [Seal]

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



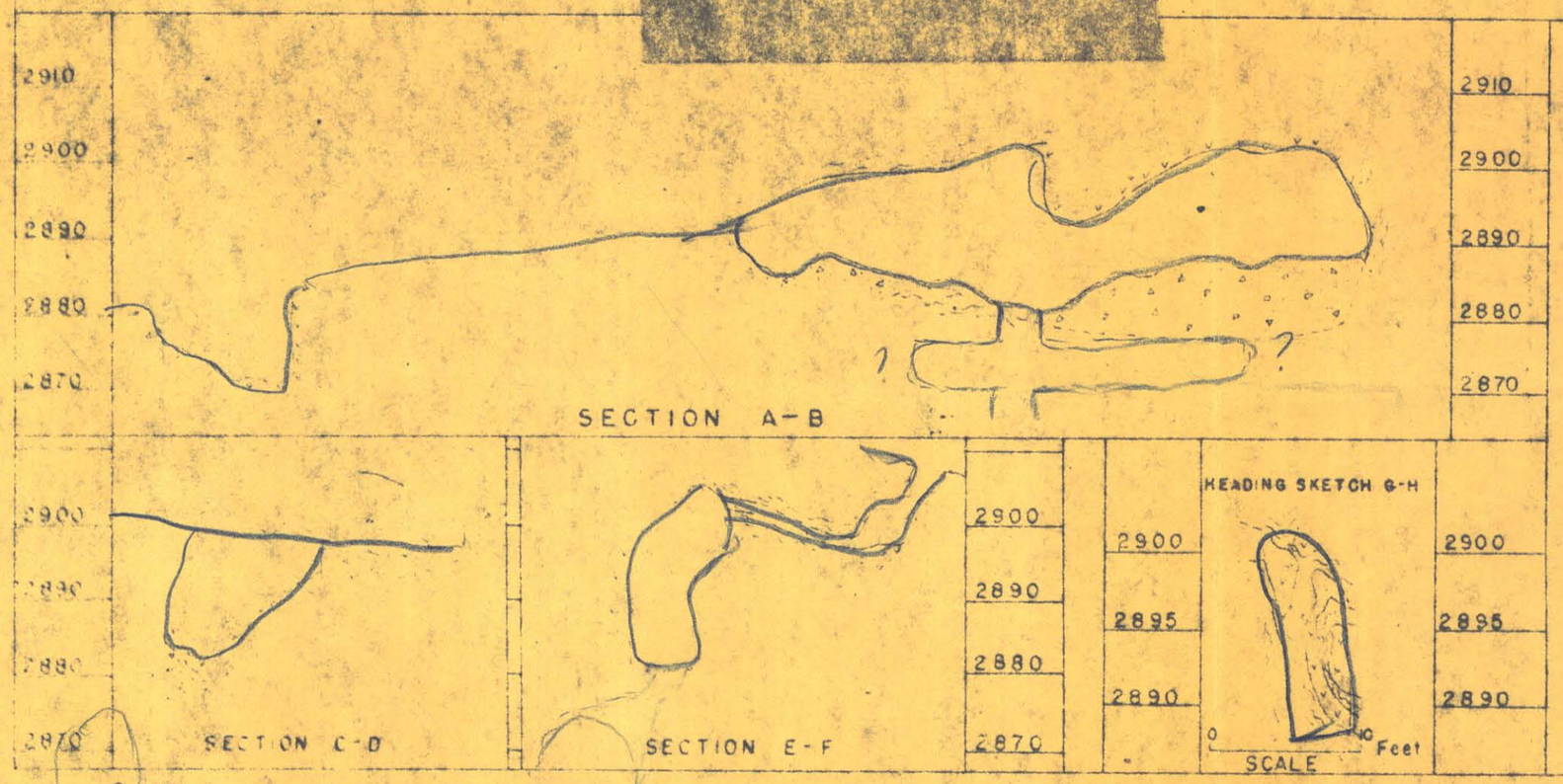
EXPLANATION

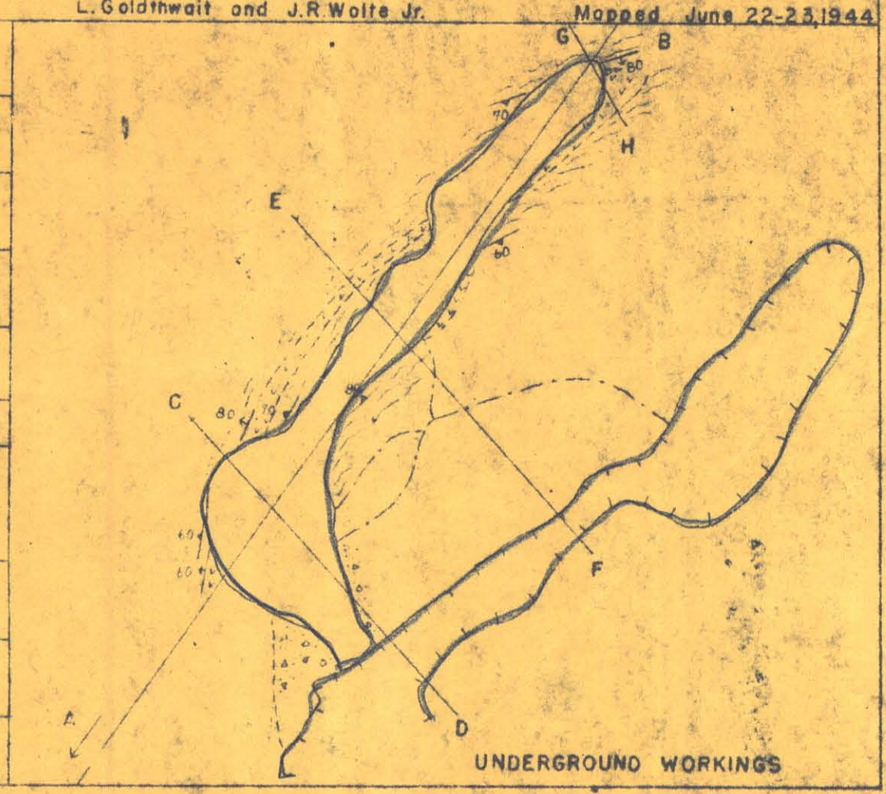
- Mica schist
- Plagioclase–quartz pegmatite
- Massive quartz zone
- Sheet mica zone
- Scrap mica zone
- Muck and soil
- Strike and dip of foliation
- Pitch of roll
- Projected outlines of underground workings
- Mapped outlines of underground workings
- Projected outlines of underground workings, approximate
- Contact, location accurate, showing dip
- Contact, location approximate
- Projected contact
- Edge of open cut
- Limit of outcrop
- Dump

Prepared in cooperation with the North Carolina Department of Conservation and Development

Geology and topography by L. Goldthwait and J.R. Wolfe Jr.

Mapped June 22-23, 1944





ROCK MICA MINE, YANCEY COUNTY, NORTH CAROLINA

Scale in feet

20 0 20 40 60 80

Contour interval 10 feet

Datum assumed

DMEA-3410