DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE — Idm-E NO. 865 — DMEA NO. 3860

Application
- [ ] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [x] Royalty Audits
- [x] Certification of Discovery] 10-12/56
- [x] Closing Letter
- [x] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [x] Contract with all exhibits and annexes 8-30-55
- [x] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [x] Project summary (final)
- [x] Work Comoleted analysis (final)
- All other material filed in chronological order including the following reports if checked:
- [x] Field Team Semi-Annual Report for Certified Project
- [x] Final Field Team Report (Tab) 5-24-56
- [x] Operator's Final Report (Tab)
- [x] Interim Field Team Reports
- [x] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab) 7/21/55
- [x] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with transmittal, narrative and maps.

Folders No._____: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

(1965)

E 865 8/30/55 DMEA-3860 Ed Boone

Yancey County, N.C. Goog Rock Mine

Last reported Depot sale 1/8/57 Accept. 81(a) H 12468 ~~130.56(c)~~ Goog Rock

Other known parties of possible interest

International Minerals & Chemical Corp. owns Purchase of feldspar

Goog Rock Mining Co. DMS 4-342B also 1867A

Edward Boone EPS-714 A 867A

Burdette Thomas in 1956 -- EPS 4-322 A

Sold feldspar

Has always material been sold to Black Mt. RR. See Actg Dir letter 7/10/59 to Ed Boone

No subsequent sales were found in S.P. Depot records. L.E.F. 6/20/62

Ed Boone is mayor of Spruce Pine.

A ✓

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-E865, Docket DMEA-3860 (mica), dated August 30, 1955, with

Ed Boone
Box 216
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 Coog Rock Mine located in Yancey County, North Carolina, during the period February 20, 1958, through June 15, 1960.

A certification of discovery or development was issued on October 12, 1956, 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 April 26, 1956, indicated accepted costs under the exploration contract amounting to $10,940.00 with the Government's contribution on a 75 percent basis being $8,205,00.

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 February 19, 1958, to be $16,608.52. The royalty account as of February 19, 1958, was:

Total Royalty Payable	$562.48
Total Royalty Paid	563.44
Overpayment of Royalty	$ .96

As of June 15, 1960, the royalty account of this project was found to be:

Total Royalty Payable	$562.48
Total Royalty Paid	563.44
Overpayment of Royalty	$ .96

February 8, 1962

E. D. Talbert, OME Auditor

MME Form 7
(10-58)

OFFICIAL FILE COPY

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

June 26, 1962

Memorandum

To: The File

From: C. E. Fisher, OME 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
H- 684	3244	Alex Teague	Old Denson (Denison)
687	3256	Glenn C. Rathburn	Fox, Busby Creek
692	3260	Sam L. Phillips	W. A. McKinney, McKinney No. 1
694	3199	W. B. Chrisman	R. D. (W. H.) Westall
712	3410	Rock Mining Company	Rock
737	3469	A. Ward	Elmore
757	3559	C. R. Phillips, et al.	Sugar Dave, Ralph
762	3577	Keller Mining Co.	Royster
805	3720	Alvin White, et al.	Coward
830	3265	Mines and Mining, Inc.	Farlow Gap
835	3813	T. B. Vance	Shuffle Vance, Red, Charlie Burleson
840	3799	J. R. Beam	Bennett, Mica Field
865	3860	Ed Boone	Goog Rock
882	3924	J. R. Beam & John Phillips	Little Ray, Pat
891	3543	Buchanan Minerals, Inc.	Buchanan, Dream
900	3942	Sam G. Smith	Doe Hill, Sam Smith
962	4147	Sam L. Phillips	Old Buchanan
1005	4239	John Phillips	Roby (Robby)
1008	4332	John Phillips	John (John's) Brown
1037	4268	Murphy Mining Co.	Murphy, Murphy Rock
1042	4449	Clifton D. Buchanan	Boone, Phillips
1089	4554	Sam L. Phillips	Black Mountain

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

CEFisher/amm
6-26-62

03683

Idm-8865 Ed Boone DMRA-3860

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 the Government's percentage royalty on all mineral production from the land thereunder. At the time the contract was executed the Operator was in possession of the property by virtue of a June 2, 1955, lease for five years only from the International Minerals & Chemical Corporation, 20 North Wacker Drive, Chicago 6, Illinois. In consideration of the contract, the lessor executed a Consent to Lien on June 7, 1955.

The exploration work under the contract was completed on March 8, 1956, but the Operator continued exploration and development work thereafter until January 10, 1957, when all operations ceased. Between those two dates the Operator, generally under the name of Goog Rock Mining Co., sold 433.13 lbs. of sheet mica and 9,833 lbs. of hand-cobbed mica to the G.S.A. Mica Purchase Depot; 9,379.5 lbs. of punch and electric sheet mica to the Asheville Mica Co., Tar Heel Mica Company, and Carpenter & Phillips Mica Co.; 68,965 lbs. of scrap mica to C. E. Duncan and the English Mica Co.; and 989.288 tons of feldspar to the landowner's Consolidated Feldspar Department. All of these sales, which aggregated $16,608.32, are covered by a prior Report of Royalty Review dated March 14, 1958.

Examinations of the property on August 31, 1958, January 28, 1959, and November 12, 1959, disclosed no activity, although the Operator indicated in a June 19, 1959, letter the possibility of dump materials being sold to the Black Mountain Railroad for use as road ballast. This project also is included in a Region IV listing of those "checked at the Government Purchasing Depot, Spruce Pine, N. C., or by contacting the Operators or by inquiring in and around the vicinity" from June 13 through 15, 1960, and found to be inactive.

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 the property was inactive during the period covered by this review;
(2) All prior sales have been reported and royalty thereon paid; 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.

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-8865, Docket DEA-3860 (mica), dated August 30, 1955, with

Ed Boone
Box 216
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 Goog Rock Mine located in Yancey County, North Carolina, during the period February 20, 1958, through June 15, 1960.

A certification of discovery or development was issued on October 12, 1956, 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 April 26, 1956, indicated accepted costs under the exploration contract amounting to $10,940.00 with the Government's contribution on a 75 percent basis being $8,205.00.

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 February 19, 1958, to be $16,608.32. The royalty account as of February 19, 1958, was:

Total Royalty Payable	$562.48
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Overpayment of Royalty	$ .96

As of June 15, 1960, the royalty account of this project was found to be:

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Total Royalty Paid	563.44
Overpayment of Royalty	$ .96

February 8, 1962

E. D. Talbert, OME Auditor

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the records of the Executive Officer, DMEA Field Team, Region V, Knoxville, Tennessee, pertaining to Contract Idm-E865, Docket No. DMEA-3860 (Mica), dated August 30, 1955, with

Ed Boone
Spruce Pine, N rth Carolina

for the purpose of determining the amount of royalty due the U. S. Government on sales of mica and feldspar from property referred to as Goog Rock Mines, located in Yancey County, North Carolina, during the period August 30, 1955, to February 19, 1958.

A certification of discovery or development was issued on October 12, 1956, and, in accordance with the contract, royalty is payable on the net proceeds realized from production as a result of such discovery or development during a period of 10 years from the date of the contract or until the amount of the Government's contribution to exploration costs has been repaid, without interest, whichever occurs first. A report of review in lieu of final audit, dated April 26, 1956, indicated accepted costs under the exploration contract amounting to $10,940.00 with the Government's contribution, on a 75 percent basis, being $8,205.00. The scope of the present royalty review and the reasons therefor are stated on Schedule "A" attached.

My review established the total sales of mica and feldspar to be $16,608.32. Royalty due the Government at rates specified in the contract is $562.48. The royalty paid and amount of overpayment are as follows:

Total Royalty Due	$562.48
Total Royalty Paid	563.44
Overpayment of Royalty per Schedule "A:	$ .96

C. E. Fisher

March 14, 1958

C. E. Fisher, Auditor

Idm-5865 Ed Boone DMEA-3860

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 the Government's percentage royalty on all mineral production from the land thereunder. At the time the contract was executed the Operator was in possession of the property by virtue of a June 2, 1955, lease for five years only from the International Minerals & Chemical Corporation, 20 North Wacker Drive, Chicago 6, Illinois. In consideration of the contract, the lessor executed a Consent to Lien on June 7, 1955.

The exploration work under the contract was completed on March 8, 1956, but the Operator continued exploration and development work thereafter until January 10, 1957, when all operations ceased. Between those two dates the Operator, generally under the name of Goog Rock Mining Co., sold 453.13 lbs. of sheet mica and 9,833 lbs. of hand-cobbed mica to the G.S.A. Mica Purchase Depot; 9,379.5 lbs. of punch and electric sheet mica to the Asheville Mica Co., Tar Heel Mica Company, and Carpenter & Phillips Mica Co.; 68,965 lbs. of scrap mica to C. E. Duncan and the English Mica Co.; and 989.288 tons of feldspar to the landowner's Consolidated Feldspar Department. All of these sales, which aggregated $16,608.32, are covered by a prior Report of Royalty Review dated March 14, 1958.

Examinations of the property on August 31, 1958, January 28, 1959, and November 12, 1959, disclosed no activity, although the Operator indicated in a June 19, 1959, letter the possibility of dump materials being sold to the Black Mountain Railroad for use as road ballast. This project also is included in a Region IV listing of those "checked at the Government Purchasing Depot, Spruce Pine, N. C., or by contacting the Operators or by inquiring in and around the vicinity" from June 13 through 15, 1960, and found to be inactive.

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 the property was inactive during the period covered by this review;
(2) All prior sales have been reported and royalty thereon paid; 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.

Schedule "A"

Contract Idm-E865, Docket No. DMEA-3860 (Mica)

Report of Royalty Review

This review was limited to the listing of sales of sheet and hand-cobbed mica to the Mica Purchase Depot, Spruce Pine, North Carolina, sales of scrap, punch and electric sheet mica to various local dealers, and sales of feldspar to International Minerals and Chemicals Corporation shown by the records of the DMEA Region V office in connection with production from Goog Rock Mine on which royalty was received by the regional office. This list, which is filed with my audit work papers, was also checked with the purchase records of the Depot. A summary of the indicated production, sales, and royalty paid to the Government follows:

Item	Production (Pounds)	Sales	Royalty Rate	Royalty Due	Royalty Paid
Sheet mica	433.13	$4,664.02	5%	$233.20	$233.20
Hand-cobbed	9,833.00	863.44	5%	43.15	44.41
Scrap	68,965.00	1,068.24	5%	53.41	53.41
Punch	8,124.00	812.40	5%	40.62	40.62
Electric sheet	1,335.50	1,513.07	5%	75.66	75.66
Totals - Mica	88,710.63	$8,921.17		$446.04	$447.30
	(Tons)				
Feldspar	989.288	$7,687.15	1½% & 2%	116.44	116.14
Grand totals		$16,608.32		$562.48	$563.44
Overpayment (Detailed below)				.96	
				$563.44	$563.44

Details of net overpayment

Hand-cobbed mica		Royalty Due	Royalty Paid
Lot No. 71 sold Depot 12/18/56			
Initial payment	$100.01	$5.00	$5.00
Final settlement	(25.21)	(1.26)	-0-
Net	$74.80	$3.74	$5.00

800

FEB 9 - 1962

Memorandum

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

From: Chief, Division of Field Operations, OME

Subject: DMEA-3860 (Mine)
Ed Boone
Gang Rock Mine
Yancey County, North Carolina
Contract Idm-8863

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

George C. Selfridge

Enclosure

GCSelfridge/hb (2/9/62)
cc to: Docket DMEA-3860
Director's Reading File
✓CA&A Division
G.C.Selfridge
R.A.Laurence, Region IV, w/cy of Report of Royalty Review dtd 2/8/62 & orig. cy of memo dtd 2/9/62 to Chief, Div. of Field Operations from CA&A Div.
V. J. Lynch, Reg. IV, w/cy of an. item sent to Mr. Laurence.

Feldspar

Sales December 1 and 21, 1956, and January 31, 1957 39.776 tons @ $7.75 =	$308.27 @ 1½%	$4.62	
Less: Landowner's royalty deducted in error	19.88		
Amount on which royalty paid	$288.39 @ 1½%		$4.32
Totals		$8.36	$9.32
Net overpayment		.96	
		$9.32	$9.32

The mine has not been operated during the past year.

An on-site royalty audit was not made at this time because the administrative cost to the Government would be excessive in relation to the amount of possible additional royalty which might be disclosed.

FEB 9 - 1962

Memorandum

To: Chief, Division of Field Operations

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

Subject: DMSA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract Idm-5865

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 OMS 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 2-9-62

cc:
Docket
Director's Reading File
CA & A Division
Mr. Rothrock

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
5/20		110
		120
		220

May 20, 1966

Memorandum

To: The File

From: Chief, Office of Minerals Exploration

Subject: DMEA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancy County, North Carolina
Contract Idm-E865

A certification of discovery was issued October 12, 1956, on the subject contract, dated August 30, 1955. The period of repayment for the Government's contribution to the cost of the project expired August 30, 1965.

The accepted cost of the work performed under the contract was $10,940.00, of which the Government contributed $8,205.00. Royalty paid to the Government on production from the property through June 15, 1960, amounted to $563.44, leaving an unpaid balance of $7,701.56.

Since the termination of the Government's mica buying program on June 30, 1962, reports received indicate that no production has been made from the property since June 15, 1960, through January 11, 1965.

The letter (MME Form 63) for reporting on production delivered to the owner of the Goog Rock Mine on April 1, 1966, has not been returned.

The price for domestic block mica has not been sufficiently high to permit profitable mica mining since the termination of the Government's buying program. Consequently, it is very unlikely that any production was made from the Goog Rock Mine since the last report, dated January 11, 1965, on production was made. Therefore, it is recommended that the account for the subject contract be closed.

Frank E. Johnson

Frank E. Johnson

cc: Director's Reading File
Division File
Economic Geology File
Br. of Budget & Finance, Rm. 5408
OME File
OME Reading File
Robert A. Laurence, Region IV

120M

FEJohnson/gla 5-20-66

23263

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the records of the Executive Officer, DMEA Field Team, Region V, Knoxville, Tennessee, pertaining to Contract Idm-E865, Docket No. DMEA-3860 (Mica), dated August 30, 1955, with

Ed Boone
Spruce Pine, N rth Carolina

for the purpose of determining the amount of royalty due the U. S. Government on sales of mica and feldspar from property referred to as Goog Rock Mines, located in Yancey County, North Carolina, during the period August 30, 1955, to February 19, 1958.

A certification of discovery or development was issued on October 12, 1956, and, in accordance with the contract, royalty is payable on the net proceeds realized from production as a result of such discovery or development during a period of 10 years from the date of the contract or until the amount of the Government's contribution to exploration costs has been repaid, without interest, whichever occurs first. A report of review in lieu of final audit, dated April 26, 1956, indicated accepted costs under the exploration contract amounting to $10,940.00 with the Government's contribution, on a 75 percent basis, being $8,205.00. The scope of the present royalty review and the reasons therefor are stated on Schedule "A" attached.

My review established the total sales of mica and feldspar to be $16,608.32. Royalty due the Government at rates specified in the contract is $562.48. The royalty paid and amount of overpayment are as follows:

Total Royalty Due	$562.48
Total Royalty Paid	563.44
Overpayment of Royalty per Schedule "A:	$ .96

C. E. Fisher

March 14, 1958

C. E. Fisher, Auditor

Check Sheet of Examining Engineer

Operator's Name ~~Ed Boone~~

Address ~~Spruce Pine, North Carolina~~

~~Goog Rock Mine, Yancey County, N.C.~~

Exploration Contract No. ~~Idm-E865~~ Docket No. ~~DMEA-3860~~

	Check One Yes	No
1. (a) Does the Operator stockpile ore subject to royalty repayment?		x
(b) If so, is segregation and identification procedure adequate?		
2. (a) Does Operator commingle production subject to DMEA royalties with exempt production?		x
(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?		x
(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?	x	
5. Do you consider that the manner of disposing of production gives the Government its fair royalty returns?	x	
6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA royalties?	x	
7. Does the Operator buy from or sell to other Operators?		x

8. Comment on any item 2 (b) to 6 if answer is No.

Mine not in operation

Date [illegible]

Wm. A. Beck, Mining Engineer

82448

Schedule "A"

Contract Idm-E865, Docket No. DMEA-3860 (Mica)

Report of Royalty Review

This review was limited to the listing of sales of sheet and hand-cobbed mica to the Mica Purchase Depot, Spruce Pine, North Carolina, sales of scrap, punch and electric sheet mica to various local dealers, and sales of feldspar to International Minerals and Chemicals Corporation shown by the records of the DMEA Region V office in connection with production from Goog Rock Mine on which royalty was received by the regional office. This list, which is filed with my audit work papers, was also checked with the purchase records of the Depot. A summary of the indicated production, sales, and royalty paid to the Government follows:

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Scrap	68,965.00	1,068.24	5%	53.41	53.41
Punch	8,124.00	812.40	5%	40.62	40.62
Electric sheet	1,355.50	1,513.07	5%	75.66	75.66
Totals - Mica	88,710.63	$8,921.17		$446.04	$447.30
Feldspar	(Tons) 989.288	$7,687.15	1½% & 2%	116.44	116.14
Grand totals		$16,608.32		$562.48	$563.44
Overpayment (Detailed below)				.96	
				$563.44	$563.44

Details of net overpayment

Hand-cobbed mica		Royalty Due	Royalty Paid
Lot No. 71 sold Depot 12/18/56			
Initial payment	$100.01	$5.00	$5.00
Final settlement	(25.21)	(1.26)	-0-
Net	$74.80	$3.74	$5.00

Docket Copy
Surname:
Anderson
Houk
Appd. Sup. Off.
Chambers
Kilsgaard
Lamb
Selfridge

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

600

Mr. Anderson
Admr. R. File
Certification File

Field Team, Region V
Finance Office
Mr. Kilsgaard, 5222
Mr. Frank Lamb, 3649
Mr. Houk

Operating Committee
Mr. Johnson
Mr. Chambers
Mr. Fredell, GSA

UCAnderson:gad 10/8/56
Copy to: Docket

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

To: Mr. Ed Boone

Spruce Pine, North Carolina

Pursuant to the provisions of Exploration Project Contract No. Idm-8065, dated August 30, 1955, Docket No. DMEA-3860, hereinafter called the "contract", between Ed Boone and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien therefor 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:

Drifting off an inclined shaft at the 193 foot level exposed a second mica bearing pegmatite enclosed in mica gneiss. Sufficient data were obtained to compute mica and feldspar reserves.

THE UNITED STATES OF AMERICA

By C. D. Mitchenson
Administrator, Defense Minerals
Exploration Administration

Dated OCT 12 1956

Feldspar

Sales December 1 and 21, 1956, and January 31, 1957 39.776 tons @ $7.75 =	$308.27 @ 1½%	$4.62	
Less: Landowner's royalty deducted in error	19.38		
Amount on which royalty paid	$288.39 @ 1½%		$4.32
Totals		$8.36	$9.32
Net overpayment		.96	
		$9.32	$9.32

The mine has not been operated during the past year.

An on-site royalty audit was not made at this time because the administrative cost to the Government would be excessive in relation to the amount of possible additional royalty which might be disclosed.

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Ed Boone

Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Ida-2865, Docket No. DMEA-3860, for the months of September 1955, to March 1956, inclusive, covering a project for the exploration of mica on property, known as the Goog Rock 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 fixed unit costs 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		$10,940.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$10,940.00

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 Eight thousand two hundred five and no/100 Dollars

$8,205.00

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

E. D. Talbert, Auditor

April 26, 1956

Check Sheet of Examining Engineer

Operator's Name Ed Boone

Address Spruce Pine, North Carolina

Goog Rock Mine, Yancey County, N.C.

Exploration Contract No. Idm-E865 Docket No. DMEA-3860

	Check One Yes	No
1. (a) Does the Operator stockpile ore subject to royalty repayment?		x
(b) If so, is segregation and identification procedure adequate?		
2. (a) Does Operator commingle production subject to DMEA royalties with exempt production?		x
(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?		x
(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?	x	
5. Do you consider that the manner of disposing of production gives the Government its fair royalty returns?	x	
6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA royalties?	x	
7. Does the Operator buy from or sell to other Operators?		x

8. Comment on any item 2 (b) to 6 if answer is No.

Mine not in operation

Wm. A. Beck, Mining Engineer

Date 2-20-58

82448

Docket copy

RECEIVED

MF-200A
(Revised June 1954)

Docket No. DMEA -3360

Commodity Mica

Contract No. Idm-E 865

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

It is agreed this AUG 30 1955 day of ....., 195...., between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Ed Boone

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 2 maps.

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] 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: Consent to Lien of lessor.

[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."

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region V
Room 13, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMEA-3860 (Mica)
Ed Boone
Gong Rock Mine
Yancey County, North Carolina
Contract No. Idm-2865

Dear Mr. Laurence:

I am returning herewith the original and three copies of the subject report of royalty review in which corrections have been made in line with Mr. Lynch's memorandum dated March 24, 1958, as follows:

1. The total sales of electric sheet and total mica sales have been corrected to 1,355.50 pounds and 88,710.63 pounds, respectively. The discrepancy of 10 pounds arose because of the omission of the "ounces" column in totaling each of the three sales to English Mica Company as shown on invoices from that company.

2. The rate of royalty applicable to Feldspar has been changed to "1½% & 2%".

The other changes suggested by Mr. Lynch have not been made. The computation of royalty was based on the individual settlements made by the operator. The summary in Schedule "A" represents totals produced by adding the various individual items. Where there are a large number of separate computations involving percentages, discrepancies of .01¢ or .02¢ may be expected when the separate computations are added together.

CEFisher/ama
March 27, 1958
Copy to: Docket
Admr. Reading File
Helen R. Miller
Mr. Chambers

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

Enclosures

(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 NOV 1 1955 shall commence the work, and on or before May 11, 1956 (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 $10,940.00 The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $8,205.00: *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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED: 26 1958
3/26 C 220 800

March 24, 1958

Memorandum

To: Jay L. Chambers, Director Contract Administration and Audit Division - DMEA

From: Acting Executive Officer, DMEA - Region V -Knoxville

Subject: Report of Royalty Review - DMEA-3860, Idm-E865(mica). Ed Boone, Spruce Pine, N.C. Goog Rock Mine, Yancey County, North Carolina

We are returning the original and three copies of Mr. Fisher's Report of Review dated March 14, 1958, on the subject contract as we feel it should not be sent out in its present form.

The following corrections should be made:

In the list of total sales under "Hand Cobbed" 5% of $863.44 should be $43.17 and under "Electric Sheet" 5% of $1,513.07 should be $75.65.

Our records show total sales of "Electric Sheet" as 1355.50 pounds making the total mica sales 88,710.63.

As there were two different prices paid for feldspar, $7.75 and $8.50, this item should be listed as follows:

	Tons	Price/ton	Value	Rate	Royalty due	Royalty Paid
Feldspar-	962.429	$7.75	$7,458.84	1 1/2%	$111.88	$111.58
	26.860	8.50	228.31	2%	4.57	4.57
	989.289		$7,687.15		$116.45	$116.15

A recapitulation of our royalty payments shows that $447.29 has been paid on mica sales and $116.15 on feldspar for a total of $563.44.

V. J. Lynch

V. J. Lynch

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

EXTRA COPY
D
RECEIVED 26 '58
DATE CODE

March 24, 1958

Memorandum

To: Jay L. Chambers, Director Contract Administration and Audit Division - DMEA

From: Acting Executive Officer, DMEA - Region V -Knoxville

Subject: Report of Royalty Review - DMEA-3860, Idm-E865(mica). Ed Boone, Spruce Pine, N.C. Goog Rock Mine, Yancey County, North Carolina

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V. J. Lynch

WAB/zm
cc
Lynch
Files

Opr. Com-2

(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.*—

Mr. Robert A. Lawrence
Executive Officer
DMEA Field Team, Region V
Room 13, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMEA-3860 (Misc)
Ed Boone
Coop Rock Mine
Yancey County, North Carolina
Contract No. ~~Idm-2865~~

Dear Mr. Lawrence:

I am enclosing the original and three copies of Mr. Fisher's report of royalty review dated March 14, 1958, pertaining to the subject contract.

If you concur with the findings, the original should be forwarded to the Regional Finance Officer, a copy should be retained in your files, and copies should be sent to the operator and the landowner.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

Enclosures

CEFisher/sma
March 18, 1958

Copy to: Docket
Admr. Reading File
Helen R. Miller
Mr. Chambers

Executed in sextuplicate the day and year first above written.

ED BOONE Ed Boone
(Operator)

THE UNITED STATES OF AMERICA

By O. Mitchendorf
Administrator, Defense Minerals Exploration Administration

By .....

.....

Robin Hoffland
"Appd. Sol. Off."
Anderson
L. Hinson
Talbert

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] Selfridge

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

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Oak Ridge, Tennessee

DEPOSIT NO. 14-23-070-99

For credit of 1428 Br. Trsy. Regi[redacted]l Office, Oak Ridge, Tenn. 5/[redacted]7
(Name, title, and disbursing or othe[redacted]ntification symbol of accountable officer) (D[redacted]sent)

deposited with Hamilton National Bank, Knoxville, Tennessee
(Name and location of depositary)

$ 33.84

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E865 Good Rock Mining Co. (Royalty Payment)	33.84

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

Defense Minerals Exploration Administration
Bureau of Mines, Dept. of Interior
Helen R. Miller, Adm. Asst.
P. O. Box 217
Norris, 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)

[illegible] 1957
(Date of credit in Treasurer's account)

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

16—59686b-1 GPO

EXPLORATION PROJECT CONTRACT
ED BOONE
DOCKET NO. DMEA-3860

ANNEX I

The land referred to in Article 2 of the contract form is known as the Goog Rock Mine, is located 1.25 miles N. 47° E. of Micaville, Yancey County, North Carolina, and is described as follows:

BEGINNING at a stake on the bank of South Toe River and at the mouth of a small Branch; thence up said Branch 479 feet to a marked Black Gum; thence north 75 degrees 30 minutes east 247 feet to a stake; thence north 65 degrees east 181 feet to a stake; thence north 25 east 123 feet to a stake; thence north 30 east 618 feet to a stake; thence south 87 west 900 feet to a stake on the bank of the river; thence along the river bank south 20 west 363 feet to the beginning, containing six and three quarter acres (6-3/4) more or less.

OFFICIAL FILE COPY
D M E A
RECEIVED MAY 1[illegible] 1957

DATE	INITIALS	CODE

EXPLORATION PROJECT CONTRACT
ED BOONE
DOCKET NO. DMEA-3860

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica shall be accomplished in the area indicated on the two Strategic Minerals Investigations maps by the Geological Survey, United States Department of the Interior, entitled "Goog Rock Feldspar and Mica Mine, Yancey County, N. C.," attached hereto and made a part hereof, as follows:

1. Construct:

(a) An access road approximately 2400 feet, using a Model D-6 caterpillar w/dozer or equivalent size unit.

(b) A toolhouse-hoisthouse, minimum dimensions 10 feet by 20 feet.

(c) A powder storage magazine, minimum dimensions 4 feet by 3 feet by 2½ feet.

(d) An exploder storage magazine, minimum dimensions 2 feet by 1½ feet by 1 foot.

The toolhouse-hoisthouse may be unfloored; shall be made from rough, unfinished lumber, with protective roof covering; and shall be equipped with lock and key.

The powder and exploder magazines shall be boxed on all sides; shall be made from 2-inch hardwood or 3-inch softwood lumber; and shall be braced at the corners. No metal shall be exposed; and the lids or doors shall be securely locked with the equivalent of a 5-tumbler jarproof lock.

2. From the bottom of the existing incline, drive approximately 160 feet of crosscutting incline (at 16 to 18 degrees) to intersect the pegmatite. Drive on the pegmatite approximately 100 feet of drifts and/or raise. Not

For Certificate of Deposit No. 70, dated February 4, 1957, giving royalty payment of $74.64, see E-57.

more than 75 feet of the drifts shall be driven in a southwesterly direction from the incline. The total of the crosscutting incline, drifts, and the raise, shall be not more than 260 feet.

The crosscutting incline and the drifts shall be timbered as necessary and shall have minimum cross-sectional dimensions of 6 feet by 7 feet in the clear of timber. The raise shall be timbered as necessary and shall have cross-sectional dimensions of not less than 4½ 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 -	
Access road, 40 hours of bulldozing @ $10.00/hr.	$ 400.00
Toolhouse-hoisthouse 1/	102.00
Powder magazine 1/	25.00
Exploder magazine 1/	13.00
Driving 260 feet of crosscutting incline, drifts and/or raise @ $40.00/ft.	10,400.00
Estimated Total Cost of Project	$10,940.00
Government Participation @ 75%	$ 8,205.00

1/ The completed work constitutes the unit.

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

Oak Ridge, Tennessee

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. 14-23-070-67

For credit of 1428 Br. Trsy. Regional Office, Oak Ridge, Tenn. [illegible]5/57
(Name, title, and disbursing or other [illegible]tification symbol of accountable officer) (Date sent)

deposited with Hamilton National Bank, Knoxville, Tennessee
(Name and location of depositary)

$ 75.27

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E865 Ed Boone (Royalty Payment)	65.49
	Idm-E1005 John Phillips (Royalty Payment)	9.78

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

Defense Minerals Exploration Administration
Bureau of Mines, Dept. of Interior
Helen R. Miller, Adm. Asst.
P. O. Box 217
Norris, 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 2[illegible] 1951
(Date of credit in Treasurer's account)

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

16—59686b-1 GPO

MF-203
Revised March 24, 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

RECEIVED
JUN 20 1955

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Yancey, State of North Carolina, described as follows:1/ BEGINNING at a stake on the bank of East South Toe River and at the mouth of a small Branch; thence up said Branch 479 feet to a marked Black Gum; thence north 75 degrees 30 minutes 247 feet to a stake; thence north 65 degrees east 181 feet to a stake; thence north 25 east 123 feet to a stake; thence north 30 east 616 feet to a stake; thence south 87 west 900 feet to a stake on the bank of the river; thence along the river bank south 20 west 363 feet to the beginning, containing six and three quarter acres (6-3/4) more or less.
(The Coog (Rock Mine)).

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

None

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

None

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

3/ Write "none" if that is the case. Do not leave lines blank.

For Certificate of Deposit No. 55, dated December 11, 1956, giving royalty payment of $179.00, see E-659.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 7th day of June, 1955.

INTERNATIONAL MINERALS & CHEMICAL CORPORATION [Seal] 20 NORTH WACKER DRIVE
CHICAGO 6, ILL.

Norman J. Dunbeck [Seal]

Norman J. Dunbeck [Seal]
Vice President

I, C. M. Edwards certify that I am the Secretary (Secretary, etc.) of the corporation named herein; that Norman J. Dunbeck who signed this agreement was then Vice President (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

C. M. Edwards Secretary
[Corporate Seal]

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Oak Ridge, Tennessee

DEPOSIT NO. 14-23-070-35

For credit of 428 Br. Trsy. Regional Office, Oak Ridge, Tenn. 9-[illegible]-56
(Name, title, and disbursing or other [illegible]ification symbol of accountable officer) (Da[illegible]t)

deposited with Hamilton National Bank, Knoxville, Tennessee
(Name and location of depositary)

$ 210.47

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E865 Ed Boone (Royalty Payment)	$210.47

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

Defense Minerals Exploration Administration
Bureau of Mines, Dept. of Interior
Helen R. Miller, Adm. Asst.
P. O. Box 217
Norris, 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)

SEP 21 1956
(Date of credit in Treasurer's account)

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

16—5965

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1085.2.

RECEIVED
JUN 20 1955

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 3860
Metal or Mineral Mica-Feldspar
Date Received 6/20/55
Estimated Cost $12,408
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Ed Boone, Spruce Pine, N. C.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Beginning on a stake on the bank of South Toe River and at the mouth of a small ~~bank~~ branch; thence up said branch 479 feet to a marked black gum; thence N. 75 deg. 30 min 247 feet to a stake; thence N. 65 deg. east 181 feet to a stake; thence N. 25 East 123 feet to a stake; thence N. 30 E. 618 feet to a stake; thence S. 87W. 900 feet to a stake on the bank of river, thence with river S.20 W.363 ft. to beginning, containing 66 3/4 acres

(*b*) State any mine name by which the property is known. The Goog (Rock Mine)

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Lessee

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

16—66551-1

Manpower is readily availabl, so is materials, supplies, equipment, also water, also electrical power is available

5. *The exploration project.*—(*a*) State the mineral or minerals for which you [illegible]n to explore .....
Mica and feldspar

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 90 days and be completed within five years from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes

(*b*) How do you propose to furnish your share of the costs? Cash and supervision

[X] Money [ ] Use of equipment owned by you [X] Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated June 16th, 1955

Ed Boone
(Applicant)

By .....

.....

.....

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Ed Boone

Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Lim-2865, Docket No. DMEA-3860, for the months of September 1955, to March 1956, inclusive, covering a project for the exploration of mica on property, known as the Goog Rock 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 fixed unit costs 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		$10,940.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$10,940.00

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 Eight thousand two hundred five and no/100 Dollars

$8,205.00

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

E. D. Talbert, Auditor

April 26, 1956

RECEIVED
JUN 20 1956

Supplemental sheet - Estimated Cost.

(a) None.

(b) Mine foreman $1.50 per hour, three foreman. Three drill operators $1.25 per hour. Two hoist men at $1.00 per hour. Mechanic one at $1.25 per hour. Nine men for common labor at $1.00 per hour. One General Supervisor $2.00 per hour.

(c), Picks, shovels, stone forks, bits for drill steel, and drill steel, explosive supplies etc.

(d) Air Compressor, Jack hammer drills, hoist, electrict fan or blower, cable, air ducking, shives., etc.

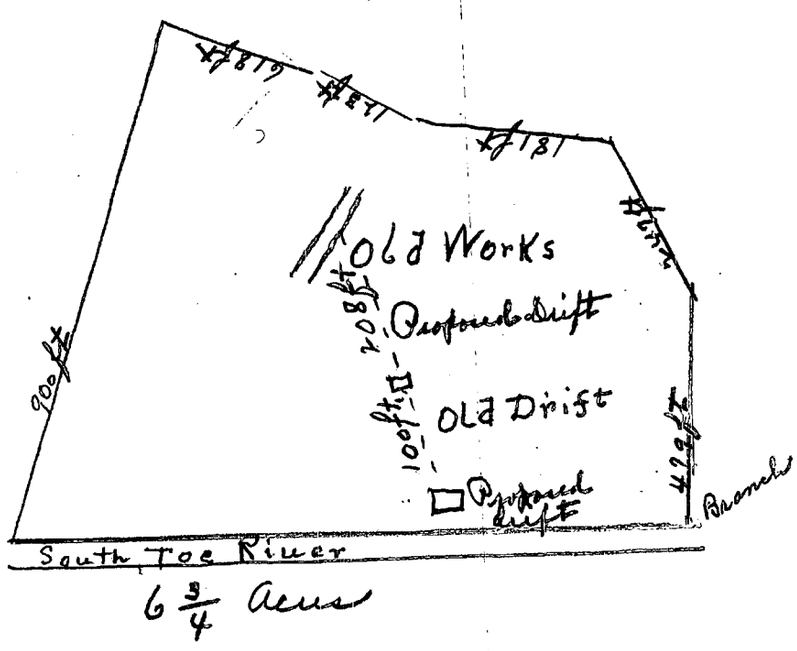
This will be furnished by the operator under a rental purchase agreement.

(e) None

(f) Construction of road to the mine, estimate	$600.00
Dewatering mine	500.00
Tool House	150.00
Hoist house	200.00
Powder house	100.00
Explosive electrict caps	75.00
	$1,650
Driving incline or drift 5 x 7 approximately 208 feet at $60.00 per foot	$12,4080.00

(g) Will carry workman's compensation and employers liability insurnace, but at present do not know what the exact cost will be or payroll taxes. Will employ a part time book keeper at approximately $125.00 per month. Repairs and maintenace would run approximately $100 per month during operations.

(h) Installation of machinery and equipment approximately $200.00



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

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-

RECEIVED APR 18 1956

Month of March, 1956 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting		1480.00	1480.00			
Drifting Incline	520.00	8400.00	8920.00			
Tool & Hoist House		102.00	102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Powder Magazine		25.00	~~25.00~~			
Exploder "		13.00	13.00			
(4) Operating Equipment:						
Bulldozing Road		400.00	400.00			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	520.00	10,420.00	10,940.00	520.00	10420.00	10940.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 4/6/56 *Payee Ed Boone

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 390.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date APR 17 1956 Vou. No. _____
(See other side)

7-T
@ 3/14

120.00

Supplemental Sheet

4. Physical Descripton (a) No mining operations being conducted on this property at the present time. There has been considerable mining and mining operations on this property in the past, old shaft on side of hill, now open, filled with water, was sunk to approximately 100 feet, near South Toe River there has been an incline working about 5 x 7 feet and is approximately 100 ft., which was originally intended to go under the old shaft or working on the hill but was never completed, it would require the driving of this working an approximate distance of 208 feet to reach the vein of mica under the old mine. The mine is accessible for mine workings and examination purposes, however the lessee proposes to build a more accessible road to the property.

(b) No current production. In the past this mine has producted large quantities of both high grade mica and feldspar.

(c) This property is in the pegmatite belt which is highly mineralized with mica and feldspar, gash vein with a dip of about 40.
I have known this property intimately for a number of years, that it has been a good producer, that I feel confident that there is abundace of mica to be had from this property.

(d) There is a dirt road near the mine, however, at present one would have to walk about one quarter mile to the mine proper, this lessee proposes to build an accessiable road to the mine. The mica and feldspar would be trucked to Spruce Pine, N. C., a distance of about nine miles, also supplies would be received from Spruce Pine.

(b) Is is the intention of this lessee to drive incline working from near the river, which has heretofore been started, a distance of approximately 208 feet to reach the vein under the old workings on the hill.

(d) I have had about 45 yeqars experience in mining, I was General and production manager for the Carolina Mineral and the International Minerals from 1913 to 1954. I will supervise this project in person.

References:

The Northwestern Bank, Spruce Pine, N. C.

Edward Fortner, Spruce Pine, N. C.

Mitchell Distributing Co., Inc., Spruce Pine, N. C.

Dr. C. A. Peterson, Spruce Pine, N. C.

(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. E865 in accordance with the terms of the contract.

Signature A. L. Peyton Title Mining Engineer Date APR 16 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date APR 16 1956

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.

RECEIVED
JUN 20 1955

NORTH CAROLINA

YANCEY COUNTY

THIS AGREEMENT, made and entered into this 2nd day of June, 1955, by and between International Minerals & Chemical Corporation, organized and existing by virtue of the laws of the State of New York and having its principal offices at 20 North Wacker Drive, Chicago 6, Illinois, party of the first part hereinafter called the Lessor, and Ed Boone, hereinafter called the Lessee:

WITNESSETH:

That for an in consideration of the rents, royalties, covenants, and agreements hereinafter reserved and expressed to be made, kept and performed by the Lessee. The said Lessor has agreed and by these presents does agree to lease and let unto the Lessee and the said Lessee agrees to hire and take from the said Lessor the following described mining property situated in Yancey County, North Carolina:

> BEGINNING at a stake on the bank of South Toe River and at the mouth of a small Branch; thence up said Branch 479 feet to a marked Black Gum; thence north 75 degrees 30 minutes east 247 feet to a stake; thence north 65 degrees east 181 feet to a stake; thence north 25 east 123 feet to a stake; thence north 30 east 618 feet to a stake; thence south 87 west 900 feet to a stake on the bank of the river; thence along the river bank south 20 west 363 feet to the beginning, containing six and three quarter acres (6-3/4) more or less.

1. Lessee shall have the exclusive right to quarry, blast, dig, mine and remove from said land all the Feldspar, Mica, Quartz and other minerals as the Lessee may desire upon the terms and conditions more fully hereinafter set forth, and during such operations said Lessee agrees at all times to keep the mine in a workman-like condition and free from waste, and upon abandoning the mine, Lessee agrees to leave all tunnels and entries to the mine in a good workable condition.

2. The period or term for which said property is leased is five (5) years from and after the date of the proper execution and acknowledgment of this lease, at which time, this lease shall terminate.

3. The royalties to be paid by the Lessee to the Lessor hereunder

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

RECEIVED
APR 18 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 195 6 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address 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	Ft			1480.00	37	40		
Crosscutting Incline	Ft	520.00	13	8920.00	223	40	260	40.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Tool & Hoist House				102.00	1	102.00	1	102.00
Stripping				25.00	1		1	25.00
Powder Magazine				13.00	1	25.00	1	13.00
Exploder "						13.00		
Roads and Bulldosing				400.00	1	400.00	1	400.00
TOTAL DISTRIBUTED COSTS		400.00		10940.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 4/6/56 Operator Ed Boone

Per ..... Title .....

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

REMARKS:

(Instructions on reverse)

(For Government use only)

A. L. Peyton
U. S. Bureau of Mines

shall be as follows:

A. For all Mica mined, removed, sold or shipped one-eighth (1/8) of the sale price at the time of such sale or shipment.

B. For all Feldspar mined, removed or sold or shipped Fifty Cents (50¢) per gross ton of 2240 pounds.

C. For all quartz mined, removed, sold or shipped Ten Cents (10¢) per gross of 2240 pounds.

D. For all minerals removed, sold or shipped one-sixth (1/6) of the sale price at the mine at the time of such sale or shipment.

E. All royalties are due and payable on the twentieth day of month next succeeding the month in which shipments are made.

4. Lessee shall have all the necessary rights of ingress, egress and regress over the lands of the Lessor for the purpose of conducting said mining and shipping operations and such other operations as pertain to the same and over all minerals demised by this lease, but the privileges granted in this clause shall not be construed to be in conflict with the reservation hereinafter, contained, nor to curtail or infringe upon the right of Lessor to use roads across the herein leased premises if found by it to be necessary or convenient.

5. During the continuance of this lease, Lessor is to have the exclusive right to purchase all feldspar mined on this property. In the event the Lessor is unable to receive the feldspar, it is to be stockpiled on the property until such time as the Lessor desires to purchase same. Any Feldspar purchased from the mine is to be at the market price being paid by Lessor to North Carolina producers for similar Feldspar. Lessee shall have the option to purchase all scrap mica resulting from the mining operation on this property at the current mica price for such mica.

6. It is further understood that this lease cannot be assigned except by the written consent of the Lessor.

7. Lessee agrees to save the Lessor harmless from any claims for damage to surface of property covered by this lease. Lessee

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

agrees to pay Lessor a minimum royalty of five hundred dollars ($500.00) per year during the life of this lease, however, it is understood and agreed that if at any time during the continuance of this lease in the judgment of the lessee, mining operations shall become unprofitable, said Lessee shall have the right to terminate this lease by giving to the Lessor notice in writing of such intention to terminate, said Lessee shall have onemonth from and after such notice within which to remove all of its machinery and equipment with the exception of mine timbering or other supports necessary to the safe operations of the mine. It is further understood and agreed that upon failure of the Lessee to comply with the terms of this lease, the Lessor may at its option declare this lease null and void and terminate the same by giving the Lessee one month's notice in writing; and the Lessee shall have a period of one month after receipt of such notice within which either to immediately correct such non-compliance or to cease operations altogether; and should this lease be so terminated all machinery, tools, buildings, bridges, inclines, tramways, cableways, pipe lines, tie lines, fixtures, and all other improvements and property placed upon said premises by said Lessee shall be and remain the property of the said Lessee and the said Lessee shall have one month within which to remove any and/or all of said property, provided that all royalties have been paid up to date and all other terms of this lease have been complied with.

8. Lessee agrees that at all times during the continuance of this lease any renewals thereof that said Lessee will carry sufficient compensation and liability insurance to protect their operations and said Lessee agrees to save said Lessor harmless from any injury to persons or property resulting from said Lessee's operations.

9. Mica must be worked on property or in mica houses designated by the Lessor. The Lessor reserves the right to attend all sales of mica by the Lessee.

RECEIVED
APR 18 1956

DMEA 3860
Idme 865

Month of March 1956
Work Accomplished

Date Work Began Sept. 27 ,1955

The Incline crosscut has been advanced 13 feet making a total of 223 feet. We have drifted 37 feet in a pegmatite this makes a total of 260 feet of drtft and crosscut. and
We have not hit the main veign of the mine~~xxx~~ feel that if we had another 100 feet extension we could find the maine pegmatite.

March 5 Drilledg, blasting, mucking out advanced 5 feet.
March 6 Drilling, blasting, mucking out advanced 5 feet
March 7 Drilling, Blasting, mucking out advanced 3 feet.

Yours truly Ed Boone

COPY

Attest: C. M. Edwards
Secretary

LESSOR, INTERNATIONAL MINERALS & CHEMICAL CORPORATION

By Norman J. Humbert V.P.

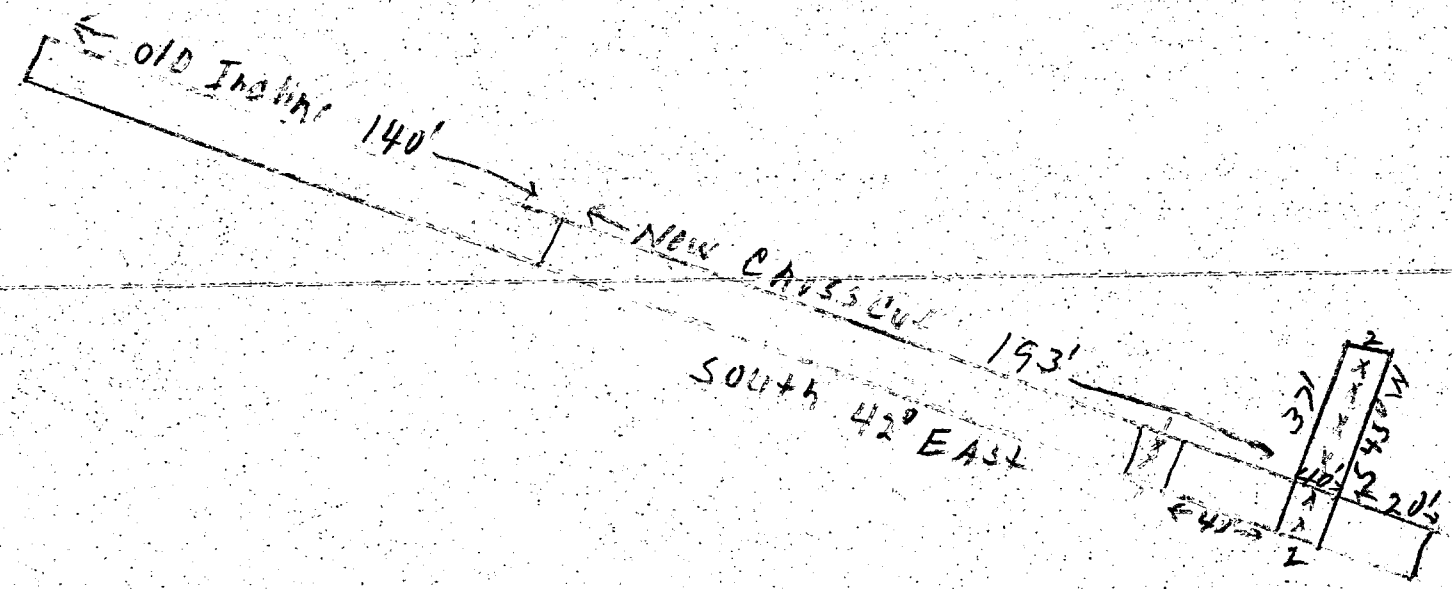
LESSEE, ED BOONE

By Ed Boone

WITNESS:

Fran McKinney

International Minerals & Chemical Corp.



This Incline was all in Slate Except
X1 - Which was Decomposed with Pyrite
X-2 Which was Decomposed with Eirite
MICA -

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

July 6, 1956

Project Summary Report

By: Walter C. Anderson

1. Docket No. DMEA-3860--mica
Contract No. Idm-E865
Goog Rock Mine
Yancey County, North Carolina

Application: Form MF-103(April 1952) received June 20, 1955.

Work proposed by applicant:

Construct access road	$ 600.00
Dewater mine	500.00
New buildings	450.00
Explosive electric caps	75.00
Drive 208 feet of incline @ $60.00/ft.	12,480.00
	$14,105.00

Operator:
Ed Boone
Spruce Pine, North Carolina

Operator's property rights:
Five year mining lease on the International Minerals and Chemical Corporation property, covering 6 3/4 acres, dated June 2, 1955.
Consent to Lien of Owner dated June 7, 1955

2. Contract: Form MF-200A(June 1954) dated August 30, 1955

Work authorized:

Access road	$ 400.00
Toolhouse-hoisthouse, and powder and exploder magazines	140.00
200 feet of crosscutting incline, drifts and/or raise @ $40.00/ft.	10,400.00
Estimated total cost of project	$10,940.00
Government participation @ 75%	$ 8,205.00

Amendments: none

Work completed:
Same as authorized

Project began on September 26, 1955 and was completed March 8, 1956.
Field Team Final report received May 28, 1956.
Operator's Final report consisting of 2 maps received April 23, 1956.
The value of production during the project was nil and there was no royalty paid.
No equipment purchased under the contract.

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 NO. 60

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1956 Docket No. DMEA 3860 Contract No. IDME 865

Operator's Name Ed Boone Minerals Mica

Address Spruce Pine, N.C.

Contract Amount, $ 10,940 Government Participation: 75% Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting Incline	2120.00	6280.00	8400.00			
Drifting	1480.00		1480.00			
Tool & Hoist House		102.00	102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Powder Magazine		25.00	25.00			
Exploder "		13.00	13.00			
(4) Operating Equipment:						
Rental Bulldozing Road		400.00	400.00			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3600.00	6820.00	10,420.00	3600.00	6820.00	10,420.00

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

Date 2/1/56 *Payee Ed Boone

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 2700.00

Signature Helen R. Melin
(Authorized Certifying Officer)

Date MAR 7 1956 Vou. No. _____
(See other side)

900.00

3. Audit: Report of Review issued April 26, 1956
Total Accepted Cost $10,940.00
Government participation $ 8,205.00

4. Certification of Discovery: issued 10-12-56
Recommendation - not to be issued, based on following summary of interim and operator's reports and the Field Team estimate of reserves:

Interim Reports

10/19/55 Preliminaries to actual exploration work.

11/2/55 10 feet of incline from 157' level in biotite gneiss.

11/16/55 Incline @ 18' in biotite gneiss

11/30/55 New work totals 42 feet. Primarily biotite gneiss. Stringers of pegmatite up to 2 feet in thickness encountered and some mica recovered.

12/14/55 Extended incline totals 47 feet in biotite gneiss with occasional pegmatite stringers. The face shows a pegmatite 5 feet thick.

1/5/55 Extended incline totals 75 feet. Primarily in biotite gneiss containing occasional pegmatite and pegmatitic mixtures. At 72 feet there exists a 7-foot pegmatite - migmatite mixture composed of feldspar, medium amounts of quartz, scattered epidote and small mica.

1/18/55 Extended incline totals 121 feet, cross-cutting foliation of biotite gneiss and occasional pegmatite-rock mixtures. Pegmatite in face measures 5 to 7 feet, primarily feldspathic with occasional blocks of mica.

1/30/55 Heading at 146 feet below 157 foot level, which is a contorted biotite gneiss.

2/15/55 Advanced 54 feet to total of 200 feet. Heading in pegmatite (the target), starting at 193 feet and containing heavy stained flat "A" mica.

2/29/55 Heading at 210 feet. Last 17 feet cross-cut the pegmatite. Drifting to southwest totalled 37 feet. Pegmatite 7 to 10 feet wide containing heavily stained flat "A" mica.

3/14/55 Incline heading advanced to 258 feet, making a total of 295 feet of incline and drift. Contract which called for 260 feet is complete. The target

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 865 in accordance with the terms of the contract.

Signature W. J. Lepich Title Mining Eng. Date 3-6-56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title EXECUTIVE OFFICER DMEA REGION V Date MAR 6 1956

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.

pegmatite was crossed from 193 to 210 feet of new incline and contained "plentiful" mica, heavy stained, flat "A".

Operator's Reports

September, 1955:
Bulldozer work

October, 1955:
Mucked out old shaft and advanced 10 feet.

November, 1955:
Advanced 30 feet to 40-foot level.

December, 1955:
Advanced 35 feet to total of 75 feet.

January, 1955:
Advanced 82 feet to total of 157 feet.

February, 1955:
Incline advanced 53 feet to total of 210 feet. Drifted 37 feet. We decided this is not the target pegmatite. Will advance incline to locate it.

March, 1955:
Incline advanced to 223 feet, total of drifts 37, completing contract of 260 feet of incline and drifts. We wish an addition of 100 feet to contract to reach the main pegmatite.

(Note: In his reports, the operator has not commented on merit of pegmatite nor the quality of the mica encountered.)

Estimated value of indicated reserves reported by Field Team:

Feldspar	400 tons @ $9.00	$3,600.00
Punch mica	12,110 lbs. @ $0.10	1,211.00
Scrap mica	28,255 lbs. @ $0.015	324.00
	Total	$5,135.00

(Note: On this basis, royalties will be too small to justify certification.)

5. Comments:

How conducted:
All of the work in which the Government participated was acceptable.

Operation:
good

Engineering:
Reporting by operator was not as good as should be expected. Vouchers were accurate but narrative portions of reports were not informative, reporting only footage advances.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
MAR - 9 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1956 Docket No. DMEA 3860 Contract No. IDME 865

Operator's Name Ed Boone Minerals Mica

Address 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	Ft	1480.00	37	1480.00	37	40.00		
Crosscutting Incline	Ft	2120.00	53	8400.00	210	40.00	260.00	40.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Tool & Agent House				102.00	1	102.00	1	102.00
Stripping								
Trenching Powder Magazine				25.00	1	25.00	1	25.00
Test Pits Exploder "				13.00	1	13.00	1	13.00
Roads and Bulldozing				400.00	1	400.00	1	400.00
Total Distributed Costs		3600.00		10,420.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

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

Date 2/1/56 Operator Ed Boone

Per _____ Title _____

Remarks:

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

(Instructions on reverse)

(For Government use only)

W. J. Lynch
Bureau of Mines
3-6-56.

Geological premise:

The premise that the target pegmatite would contain worthwhile concentrations of strategic mica was not substantiated by the exploration work.

Geological criteria upon which work was based:

1. Two pegmatites - Eastern pegmatite, 35 feet, maximum thickness, exposed for 140 feet in depth and 400 feet along strike. Western pegmatite, similar in shape, averaging 10 to 15 feet in thickness.
2. Mica - rum in color, "A" structure, 60 to 70% is reported to be stained.
3. Past production.

Criteria developed during project:

1. Pegmatite - Main pegmatite is 7 to 10 feet thick, composed of massive grey quartz surrounded by crystals of badly stained mica, and feldspar. Many smaller pegmatites were cut by the incline.
2. Mica - From the main "target" pegmatite, non-strategic,flat "A" ruby, heavily stained (about 95%) and up to 15 inches across. There are no reserves of strategic mica.

Future possibilities:

None for production of strategic mica. The reserves of feldspar, punch and scrap mica are too small and of too little value to permit an economic operation. The operator's request for additional funds for stoping operations was denied by the Field Team for the obvious reason that it did not constitute exploration. The USGS commodity member recommended an amendment for a drift to the northeast if the operator would have a survey and maps made to support the possibility of finding a worthwhile ore shoot. The operator has not furnished this data as requested by the Field Team on April 13, 1956.

Recommendations:

The Nonmetallic Minerals Division and the Bureau of Mines Commodity member concur in the Field Team recommendation that no further exploration is warranted and that no certification of discovery be issued. The USGS commodity member recommends that if the operator is still at work, a decision as to certification should be postponed pending another inspection. The time within which certification may be made does not lapse until October 23, 1956. A closing letter will not be written until after that date.

Walter C. Anderson

Walter C. Anderson
Nonmetallic Minerals Division

INSTRUCTIONS

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GPO 872894

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

Report Period 10/22/57 - 2/3/58

From: Division of Nonmetallic Minerals

DMEA No.	Operator	Contract No.
3860	E. Boone	Idm-E865

ORE ESTIMATES	Feldspar Tons	Mica	Scrap Analysis
DMEA	400 @ $7.50	12 tons @ $600	14 tons @ $30
Operator to date	600	1	25
Total	1000	13	39
Production to date	989 $7,687.15	13 tons $7,853	34 $1,068
Ore in ground	0	0	5

INVESTMENT

Type	Size	Feet	Cost
Shafts			
Winzes			
Drifts and Crosscuts			
Raises			
Drilling	Type		
Rehabilitation	Description		

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

989 3/ tons of feldspar sold $7,687.15 not included above.

34 5/ tons scrap $1,068.14

Prepared by Lawrence G. Houk Date

31398

DMEA 3860
IDME 8[illegible]

Month of February 1956 Date Work Began Sept. 27 ,1955

Work Accomplished:

The inclined crosscut has been advanced 53 feet making a total of 210 feet. We drifted 27 feet in a pegmatite but it has been decided that this is not the main pegmatite. We will drive the crosscutt some more to find the main pegmatite.

Feb. 1 Drilling Blasting mucking out advanced 5 feet
Feb. 2 Drilling ,blasting ,mucking out advanced 5 feet
Feb. 3 Drilling, blasting , mucking out advanced 5 feet.
Feb 6 Compressor down for repairs
Feb. 7 Drilling ,Blasting ,mucking out advanced 5 feet
Feb. 8 Drilling, blasting, mucking out advanced 5 feet
Feb. 9 Drilling,blasting ,mucking out advanced 6 feet
Feb. 10 Drilling,blasting, mucked out advanced 5 feet
Feb. 13 Drilling,blasting, mucking out advanced 5 feet.
This was in a pegmatite which was 7 feet wide.
Feb 14 Drilling ,blasting, mucking out advanced 5 feet
Feb 15 Drilling ,blasting, mucking out advanced 5 feet
Feb 16 Drilling, blasting, mucking out advanced 2 feet
Feb 20 We turned and drifted witr the pegmatite south 45 west.
Drilling, blasting ,mucking out advanced 5 feet
Feb. 21 Drilling, blasting ,mucking out, advanced 5 feet
Feb 22 Drilling ,blasting, mucking out advanced 5 feet
Feb 23 Drilling, blasting, mucking out advanced 5 feet
Feb. 24 Drilling, blasting, mucking out, advanced 5 feet
Feb. 27 Drilling, blasting ,mucking out advanced 5 feet
Feb 28 Drilling, blasting
Feb 29 Mucking out advanced 7 feet.

Yours Truly

Ed Boone

$8,205		$10,940		$8,205	
ANALYSIS	MR	Mica			
ORE	DMEA	OPERATOR	TOTAL	PRODUCTION	AVAILABLE
MINERAL					
Mica	24,000 lbs	2,000	26,000	26,000	—
Feldspar	400 st	600	1,000	989	11

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID VOUCHER & SCHEDULE OF PAYMENTS RECEIVED
FEB 13 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Jan 195 6 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing Road		400.00	400.00			
Crosscutting	3280.00	3000.00	6280.00			
Drifting						
Tool & Hoist House		102.00	102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Pow der Magasine		25.00	25.00			
Exploder "		13.00	13.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3280.00	3540.00	6820.00	3280.00	3540.00	6820.00

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

Date 2/2/56 *Payee Ed Boone

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 2460.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date FEB 10 1956 Vou. No. 70
(See other side)

5 820.00

220

3860

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver *ONLY* to addressee

☒ Show address where delivered

(Additional charges required for these services)

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

Samuel Gray

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED	SHOW WHERE DELIVERED *(only if requested)*

C55—16—71548-5—F GPO

DMEA 3860

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature S. C. Bergman Title Geologist, USGS Date 2/8/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Kamman Title EXECUTIVE OFFICER DMEA REGION V Date FEB 9 1956

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.

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

January 6, 1965

Re: DMEA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, N. C.
Contract Idm-E865

Mr. Sam Brown

Crossnore, North Carolina 28616

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

George C. Selfridge

George C. Selfridge, Chief
Division of Exploration Operations

Mailed to Knoxville Office

OFFICIAL COPY
O. M. E.
RECEIVED
FEB 8 1965

INITIALS	CODE
ama	800
[illegible]	100
[illegible]	140
Mm [illegible]	120
	120

only 1 cy rec'd

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB 13 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Jan. 1956 Docket No. DMEA 3860 Contract No. IDME 865

Operator's Name ED Boone Minerals Mica

Address 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	Ft	3280.00	82	6280.00		40.00	260	40.00
Crosscutting								
Raising								
Shafts Road				400.00				
Tool & Hoist								
Drilling: Core House				102.00	1	102.00	1	102.00
Powder Magazine				25.00	1	25.00	1	25.00
Exploder "				13.00	1	13.00	1	13.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		3280.00		6820.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS								

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

Date 2/2/56 Operator Ed Boone

Per _____ Title _____

REMARKS:

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

(Instructions on reverse)

(For Government use only)

S.C. Bergman - Geologist USGS 2/8/56

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since March 1964, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

Gatley Ranch

2. Since March 1964, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Samuel W Berry Title Owner

Address Cressman Mt Date Jan 11 1965

4511

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 11 POST OFFICE BLDG.
KNOXVILLE TENN. 37902

OFFICIAL FILE COPY
O. M. E.
RECEIVED DEC 30 1964

DATE	INITIALS	CODE
12/30	ama	800
		120m
		120

December 28, 1964

Memorandum

To: George C. Selfridge, Chief
Division of Exploration Operations, Washington

From: Robert A. Laurence, Knoxville, Tennessee

Subject: DMEA- 3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract Idm-E865

Replying to your inquiry of December 24: The latest address which we have for Sam Brown is Crossnore, North Carolina 28616. Crossnore is in Avery County, and mail directed there will probably reach Mr. Brown.

Robert A. Laurence

RECEIVED
FEB 15 1956

DMEA 3860
IDME 865

Month of January 1956 Date Work Began Sept. 27, 1955

Work Accomp lished:

The drift has been advanced 82 feet, this makes a total of feet.

We have been working two shifts this month, and have advanced five footever day that we work.

Dailey Notes:

Jan. 2 Drillingand blasting, mucking out advanced 5 feet.
Jan 3 Drilling , Blasting , mucking out advanced 5 feet.
Jan.4 Drilling , blasting, mucking out advanced 5 feet.
Jan.5 Drilling, blasting, mucking out advanced 5 feet.
Jan. 6 Drilling, blasting, mucking out advanced 5 feet.
Jan. 9 Drilling, blasting, mucking out advanced 5 feet.
Jan.10 Broke down lost allxxx day.
Jan. 11 Drilling, blasting, mucking out advanced 5 feet.
Jan. 12 Drilling, blasting, advanced 5 feet.
Jan. 13 Drilling, blasting,mucking out advanced 5 feet.
Jan. 16 Drilling,blasting, mucking out advanced 5 feet.
Jan. 17 Drilling, blasting ,mucking out advanced 5 feet.
Jan ±18 Drilling, Blasting, mucking out advanced 5 feet.
Jan ±19 Drilling, blasting Mucking out advanced 5 feet.
Jan 20 Drilling,blasting, mucking out advanced 5 feet.
Jan 23 Hoist broken off for repairs.
Jan 24 to Jan. 26 Repairing hoist.
Jan 27 Drilling ,blasting, muckingx out advancing 4 ft
Jan 30 Drilling ,blasting, mucking out advancing 4 ft
Jan 31 Drilling , blasting, mucking out advancing 4 ft.

Yours Truly Ed Boone

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/24	GCS	120
	On leave	120M
	Fisher	800
12/29	Johnson	110
"	On leave	100
		220

DEC 2 4 1964

Memorandum

To: Robert A. Laurence, U. S. Geological Survey
Room 11, Post Office Building, Knoxville, Tenn. 37902

From: Chief, Division of Exploration Operations

Subject: DMEA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract Idm-E863

Enclosed is a copy of a letter from the International Minerals & Chemical Corporation in reply to our inquiry of December 10, 1964, on MME Form 63.

Do you have a better address for Sam Brown than the County of Avery, State of North Carolina? One of our old card files lists Sam Brown in connection with DMEA-4448, a file which we no longer have readily accessible.

George C. Selfridge (gla)

Enclosures

GCSelfridge/gla (12-24-64)
cc to: Director's Reading File
Docket
Revidw Committee
Mr. Selfridge
120M

23263

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JAN 13 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1955 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940.00 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing Road		400.00	400.00			
Crosscutting						
Drifting	1400.00	1600.00	3000.00			
Tool & Hoist House		102.00	102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Powder Magazine		25.00	25.00			
Exploder "		13 .00	13.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1400.00	2140.00	3540.00	1400.00	2140.00	3540.00

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

Date 1/7/56 *Payee Ed Boone

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 1050.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date JAN 1 _ 19 Vou. No. _____
(See other side)

4

INDUSTRIAL MINERALS DIVISION

4448

INTERNATIONAL MINERALS & CHEMICAL CORPORATION

December 17, 1964

Mr. George C. Selfridge, Chief
Division of Exploration Operations
United States Department of the Interior
Office of Minerals Exploration
Washington 25, D.C.

Dear Sir:

Reference is made to the enclosed forms which were sent to me on December 10, 1964 regarding the Goog Rock Mine, Yancey County, North Carolina on which an exploration contract (DMEA-3860-Mica) (Contract Idm-E865) was performed by Ed Boone.

This property has been sold by International Minerals & Chemical Corporation to Mr. Sam Brown of the County of Avery and State of North Carolina. A copy of the Quit-Claim Deed issued by International Minerals & Chemical Corporation to Mr. Brown is attached.

I would presume that Mr. Brown should be contacted to determine the present status of this property.

Sincerely,

Kefton H. Teague

Kefton H. Teague
Chief Division Geologist
Industrial Minerals Division

KHT/jt
Encl:

OFFICIAL FILE COPY
C. M. E.
RECEIVED DEC 21 1964

DATE	[illegible]	CODE
12/21	GET	800
		~~100~~
12/23	[illegible]	~~110~~
		120
		~~120~~

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 865 in accordance with the terms of the contract.

Signature S. C. Bergman Title Geologist USGS Date 1/10/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch ACTING Title EXECUTIVE OFFICER DMEA REGION V Date JAN 10 1956

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.

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

December 10, 1964

Re: DMEA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, N. C.
Contract Idm-E865

International Minerals &
Chemical Corporation
Skokie, Illinois

Attention: Mr. Kefton H. Teague

Gentlemen:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This relates to the Consent to Lien executed by you on June 7, 1955.

Sincerely yours,

George C. Selfridge

George C. Selfridge, Chief
Division of Exploration Operations

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JAN 13 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 195 5 Docket No. DMEA 3860 Contract No. IDME 865

Operator's Name Ed Boone Minerals Mica

Address 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	Ft	1400.00	35	3000.00	75	40.00	260	40.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Tool & Hoist House				102.00	1	102.00	1	102.00
Powder Magazine				25.00	1	25.00	1	25.00
Exploder "				13.00	1	13.00	1	13.00
Bulldozing Road				400.00	1	400.00	1	400.00
TOTAL DISTRIBUTED COSTS		1400.00		3540.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1400.00		3540.00				

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 Jan. 7, 1956 Operator Ed Boone

Per Title

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

(Instructions on reverse)

REMARKS:

(For Government use only)

S. C. Bryman - Geologist USGS
1/10/56

MME Form 63
Revised 3-62

DMEA-3860
Idm-E865

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since March 1964, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since March 1964, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since _____, has any production been transported through workings (see _____ of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

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

STATE OF NORTH CAROLINA

COUNTY OF YANCEY

THIS QUITCLAIM DEED made this the 14th day of March 1964, by INTERNATIONAL MINERALS & CHEMICAL CORPORATION, a New York corporation organized and existing under and by virtue of the laws of the State of New York, hereinafter referred to as Grantor, to SAM BROWN, of the County of Avery and State of North Carolina, hereinafter referred to as Grantee:

W I T N E S S E T H:

THAT FOR AND IN CONSIDERATION of the sum of TEN DOLLARS ($10.00) and other good and valuable consideration in hand paid to the Grantor by the Grantee, receipt of which is hereby acknowledged, Grantor has bargained, sold, conveyed and quitclaimed (without warranty of title) and does by these presents bargain, sell, convey and quitclaim (without any warranty of title) all right, title and interest it may have to Sam Brown, Grantee, his heirs and assigns, the following tract or parcel of land situate in Crabtree Township, Yancey County, North Carolina, and more particularly described as follows:

> BEGINNING on a black gum on the bank of a branch and runs N. 75 1/2 E. 15 poles to a stake; thence N. 65 E. 11 poles to a stake; thence N. 25 E. 8 poles to a stake; thence N. 30 E. 27 1/2 poles to a stake in the line of a tract made to William Wilson by George and Samuel Young in 1867; thence with the line of said tract 57 poles to a stake in South Toe River; thence S. 22 W. with the meanders of said river 22 poles to the mouth of said branch; thence up and with the meanders of said branch to the Beginning, containing 6 3/4 acres, more or less.
>
> Being the lands described in that certain deed from W. H. Hipps, Commissioner, to Carolina Mineral Co., dated 26 March 1937.

TO HAVE AND TO HOLD unto the said Grantee, his heirs and assigns, (without warranty of title) such right, title or interest as Grantor may have in and to the above described lands, to his only use and behoof forever.

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name by its Vice-President, Attested by its Secretary and its corporate seal to be hereto affixed, all by

LAW OFFICES
POUTS & WATSON

DMEA 1860
IDME 1865

Month of December 1955 Date Work Began September 27 1955

Work Accomplished:

The drift has been advanced 35 feet, this makes a total of 75 feet.

Dailey Notes

Dec. 1 thru 9 Drilling , Blasting & mucking out a water hole.
Dec 12&13 Drilling & Blasting
Dec. 14 Mucking out which advanced 5 ft.
Dec. 15 Drilling & blasting
Dec. 16 Mucking out which advanced 5 ft.
Dec. 19 Drilling & blasting
Dec. 20 Mucking out which advanced 5 ft.
Dec. 21 Drilling & blasting.
Dec. 22 Mucking out which advanced 5 ft.
Dec. 23 Drilling & blasting
Dec 24 Mucking out which advanced 5 ft.
Dec. 26 Drilling & blasting
Dec 27 Mucking out which advanced 5 ft.
Dec. 28 Drilling & blasting
Dec. 29 & 30 Mucking out Advancing 5 ft.

We put on another shift jan. 1 which should speed up our progress.

Yours Truly Ted Boone

authority of its Board of Directors duly given.

INTERNATIONAL MINERALS & CHEMICAL CORPORATION

By Norman J. Dunbeck
Vice President

ATTEST:
C. M. Edwards
Secretary

STATE OF ILLINOIS

COUNTY OF COOK

Personally appeared before me this day C. M. Edwards, who, being by me duly sworn, says that he knows the common seal of International Minerals and Chemical Corp., and that Norman J. Dunbeck is Vice-President of said corporation, and that he, the said C. M. Edwards, is the Secretary of said corporation and saw the said Norman J. Dunbeck, Vice-President, sign the foregoing Deed and that he, the said C. M. Edwards, Secretary as aforesaid, affixed said seal to said instrument and signed his name in attestation and in execution of said instrument.

Oscar Bettman
Notary Public

My commission expires:
February 7, 1966

LAW OFFICES
POUTS & WATSON
SPRUCE PINE, N. C.

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-

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1955 Docket No. DMEA 3860 RECEIVED Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C. DEC 12 1955
Contract Amount, $ 10,940.00 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing Road		400.00	400.00			
Crosscutting						
Drifting	1200.00	400.00	1600.00			
Tool & Hoist House		102.00	102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Powder Magazine		25.00	25.00			
Exploder "		13.00	13.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1200.00	940.00	2140.00	1200.00	940.00	2140.00

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

Date Nov. 1, 55 *Payee Ed Boone

Per _____ Title ✓

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

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

(Instructions on reverse)

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

$ 900 00

Signature Helen R. Mellin
(Authorized Certifying Officer)

Date DEC 8 1955 Vou. No. 20

(See other side)

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

March 5, 1964

Re: DMEA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, N. C.
Contract Idm-E865

International Minerals &
Chemical Corporation
20 North Wacker Drive
Chicago 6, Illinois

Gentlemen:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This relates to the Consent to Lien executed by you on June 7, 1955.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

OFFICIAL FILE COPY
O. M. E.
RECEIVED MAR 13 1964

DATE	INITIALS	CODE
3/13		800
		100
3/13		110
		500
		220

(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. E865 in accordance with the terms of the contract.

Signature Sheldon C. Bergman Title Geologist USGS Date DEC 7 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V. Date DEC 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.

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since September 28, 1962, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since September 28, 1962, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	Tons		
Concentrates	Tons		
Other	Tons		

3. Since 1956, has any production been transported through workings (see of contract)? Yes ☐ No ☒

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Kelton H. Teague Title Chief Division Geologist

Address Int. Minerals & Chem. Corp. Skokie, Illinois Date March 12, 1964

4511

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

RECEIVED
DEC 12 1955

Month of November 195 5 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address 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	Ft	1200.00	30	1600.00	40	40.00	260	40.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Tool & Hoist House				102.00	1	102.00	1	102.00
Powder Magazine				25.00	1	25.00	1	25.00
Exploder "				13.00	1	13.00	1	13.00
Bulldozing Road				400.00	1	400.00	1	400.00
TOTAL DISTRIBUTED COSTS		1200.00		2140.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1200.00		2140.00				

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 Dec. 1, 1955 Operator Ed Boone

Per _____ Title _____

REMARKS:

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

(Instructions on reverse)

(For Government use only)

Sheldon C. Berryman
12/7/55

UNITED STATES
DEPARTMENT OF THE INTERIOR

~~DEFENSE MINERALS~~
~~EXPLORATION ADMINISTRATION~~
WASHINGTON 25, D. C.

OFFICIAL BUSINESS
Office of Minerals Exploration
Washington, D.C. 20240

Returned to Writer
REASON CHECKED
Unknown
Unclaimed
Insufficient address
Refused
No such office in state
Left no address
Do not remail in new envelope

POSTAGE AND FEES PAID
DEPARTMENT OF THE INTERIOR

20

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

SPRUCE PINE
FEB 25
PM
1964
N. C.

DMEA 3860
IDME 865

RECEIVED
DEC 18 1955

Month of November 1955 Date work began Sept. 27 1955

Work Accomplished.

The drift has been advanced 30 feet. This makes a total of 40 feet of drift.

Dailey Notes

Nov. 1 & 2 Drilling and pumping water.
Nov. 3 & 4 Blasting and Mucking out which advanced 5 feet.
Nov. 7 & 8 Working on generator.
Nov. 9 , 10, 11 Drilling and Blasting.
Nov. 14 Mucking out advancing 5 feet.
Nov. 15 & 16 Drilling and Blasting
Nov. 17 Mucking Out advancing 5 feet.
Nov. 18 and 21 Drilling and Blasting.
Nov 22 Drilling And Blasting.
Nov. 23 Mucking out Advancing 5 feet.
Nov 24 & 25 Drilling and Blasting.
Nov. 28 Mucking out advancing 5 feet.
Nov. 29 Drilling and Blasting.
Nov. 30 Mucking out advancing 5 feet.

Ed Boone

Griswold
320

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

February 20, 1964

Re: DMEA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, N. C.
Contract Idm-E865

Mr. Charles Hicks

Spruce Pine, North Carolina

Dear Sir:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

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

Budget Bureau No. 42-R1036.5

RECEIVED
NOV 10 1955

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

Month of Oct. 1955 Docket No. DMEA 3860 Contract No. IdmE 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940.00 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing Road		$400.00	$400.00			
Crosscutting						
Drifting	$400.00	$	$400.00			
Tool & Hoist House	$102.00		$ 102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Powder Magazine	$25.00		$25.00			
Exploder "	$13.00		$13.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$540.00	$400.00	$940.00	540.00	400.00	940.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Nov. 4/55 *Payee Ed Boone

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 405.00

Signature Helen R. Mills
(Authorized Certifying Officer)

Date _____ Vou. No. 101
(See other side)

2

135.00

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since September 28, 1962 , has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since September 28, 1962 , has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

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

Signature Alfred R. Taylor Title Geologist USGS Date Nov. 7, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch Title ..... Date .....

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 872893

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

February 20, 1964

Re: DMEA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, N. C.
Contract Idm-E865

Mr. Charles Hicks

Spruce Pine, North Carolina

Dear Sir:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold
mm

W. R. Griswold, Chief
Division of Minerals

Form DMF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
NOV 1 0 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 195 5 Docket No. DMEA 3860 Contract No. IdmE 865
Operator's Name Ed Boone Minerals Mica
Address 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	Ft	$400.00	10	$400.00	10	$40.00	260	$40.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Tool & Hoist House	1	$102.00	1	$102.00	1	$102.00	1	$102.00
Powder Magazine	1	$ 25.00	1	$25.00	1	$ 25.00	1	$ 25.00
IRX Exp. Aux. Magazine	1	$ 13.00	1	$13.00	1	$ 13.00	1	$ 13.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing Road				$400.00	1	$400.00	1	$400.00
TOTAL DISTRIBUTED COSTS		$540.00		$940.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$540.00		$940.00				

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 11/4/55 Operator Ed Boone

Per Title

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

REMARKS:

(Instructions on reverse)

(For Government use only)

Alfred R. Taylor
Geologist

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since September 28, 1962, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since September 28, 1962, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since _____, has any production been transported through workings (see _____ of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

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

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

February 20, 1964

Re: DMEA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, N. C.
Contract Idm-E865

Mr. Charles Hicks

Spruce Pine, North Carolina

Dear Sir:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

DMEA #3860
IDM-E #865

Month of October 1955 Date Work Began Sept. 27 1955

Work Accomplished:

The mine has been pumped out,all the old muck cleaned out,the machinery set up, tooland hoist house built,powder and exploder magazine built, and 10 feet of drift advanced.

Daily Notes:

From Oct.3 to Oct. 17 Pumping out mine and working on road.
From Oct. 17 to Oct. 21 setting machinery and building tool and hoist house.
Oct. 24 and 25 cleaning out old muck.
Oct. 26 drilled first round.
Oct. 26 shot.
Oct. 27 Mucked out and advanced 5 feet.
Oct. 28 drilling.
Oct. 31 mucked out advanced 5 feet.

Ed Boone
Yours Truly

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since September 28, 1962, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since September 28, 1962, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since _____, has any production been transported through _____ workings (see _____ of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED OCT 17 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Sept., 1955 Docket No. DMEA 3860 Contract No. IdmE 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940.00 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing Road	$400.00		$400.00			
Crosscutting						
Drifting						
(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						
(8) Contingencies (specify):						
TOTALS	$400.00		$400.00	400.00		400.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 10/11/55 *Payee Ed Boone Ed Boone
Per _____ Title _____

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 300.00
Signature Helen R. Mullis
(Authorized Certifying Officer)
Date OCT 13 1955 Vou. No. 83
(See other side)

100.00

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

November 13, 1963

Re: [illegible]-3860 (Mica)
Ed Boone
Coog Rock Mine
Yancey County, N. C.
Contract I[illegible]-I865

Mr. Ed Boone
Box 216
Spruce Pine, North Carolina

Dear Sir:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

s/F. H. Murphy

F. H. Murphy, Acting Chief
Division of Minerals

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature Kepton H. Teague Title Geologist, U.S.G.S. Date 10/12/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch ACTING Title EXECUTIVE OFFICER DMEA REGION V Date OCT 12 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.

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since September 28, 1962, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since September 28, 1962, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since _____, has any production been transported through _____ workings (see _____ of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

RECEIVED
OCT 17 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept. 195 5 Docket No. DMEA 3860 Contract No. IdmE 865
Operator's Name Ed Boone Minerals Mica
Address 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								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing Road	1	400.00	1	400.00	1	400.00	1	400.00
TOTAL DISTRIBUTED COSTS		400.00						TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		400.00		400.00				

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.

Ed Boone

Date 10/11/55 Operator Ed Boone

Per Title

REMARKS:

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

(Instructions on reverse)

(For Government use only)

Kepton H. Teague, Geologist

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

August 31, 1962

Re: DMEA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, N. C.
Contract Idm-E865

Mr. Ed Boone
Box 216
Spruce Pine, North Carolina

Dear Mr. Boone:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

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

MME Form 63
Revised 3-62

DMEA-3860
Idm-E865

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 2 1962

DATE	INITIALS	CODE
10/3	[illegible]	200
10-3	[illegible]	100
10/3	[illegible]	110
	Received	500
	[illegible]	500
10/4	Yes ☐	No ☒
		220

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since June 15, 1960, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before.

2. Since June 15, 1960, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	Tons		
Concentrates	Tons		
Other	Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Charles Hicks Title Partner

Address Spruce Pine, NC, Date 9-28-62

4511

DMEA No. 3860
Tdm-E 865

Month of Sept. 1955 Date Work Began Sept.27 1955

Work Accomplished:

Moved in Bulldozer and built road to Mine. There was one section that had to be drilled and shot.

Daily Notes:

Sept. 27 Moved in bulldozer and worked 10 hours on road.

Sept. 28- Worked 10 hours with Bulldozer and drilled on road.

Sept. 29- Worked 10 hours with bulldozer and shot on road.

Sept. 30- Worked 10 hours with bulldozer and finished road.

Ed Boone

OME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Signature	Code
6/26	[illegible]	000
	[illegible]	500
	[illegible]	120
	[illegible]	110
	[illegible]	100
		220

June 26, 1962

Memorandum

To: The File

From: C. E. Fisher, OME 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 Name
E- 684	3244	Alex Teague	Old Denson (Denison)
687	3256	Glenn C. Rathburn	Fox, Busby Creek
692	3260	Sam L. Phillips	W. A. McKinney, McKinney No. 1
694	3199	W. B. Chrisman	R. D. (W. H.) Westall
712	3410	Rock Mining Company	Rock
737	3469	A. Ward	Elmore
757	3559	C. R. Phillips, et al.	Sugar Dove, Ralph
762	3577	Keller Mining Co.	Royster
805	3720	Alvin White, et al.	Coward
830	3265	Mines and Mining, Inc.	Farlow Gap
835	3813	T. B. Vance	Shuffle Vance, Red, Charlie Burleson
840	3799	J. R. Bean	Bennett, Mica Field
865	3860	Ed Boone	Goog Rock
882	3924	J. R. Bean & John Phillips	Little Ray, Pat
891	3543	Buchanan Minerals, Inc.	Buchanan, Dream
900	3942	Sam G. Smith	Doe Hill, Sam Smith
962	4147	Sam L. Phillips	Old Buchanan
1005	4239	John Phillips	Roby (Robby)
1008	4332	John Phillips	John (John's) Brown
1057	4268	Murphy Mining Co.	Murphy, Murphy Rock
1042	4449	Clifton D. Buchanan	Boone, Phillips
1089	4554	Sam L. Phillips	Black Mountain

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

CEFisher/mm
6-26-62

03483

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: Mr. Ed Deane

Spruce Pine, North Carolina

Pursuant to the provisions of Exploration Project Contract No. [illegible], dated August 30, 1955, Docket No. DMEA-3060, hereinafter called the "contract", between Ed Deane and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien therefor 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:

Drifting off an inclined shaft at the 193 foot level exposed a sound mica bearing pegmatite enclosed in mica gneiss. Sufficient data were obtained to compute mica and feldspar reserves.

THE UNITED STATES OF AMERICA

By C O Mitkenbory
Administrator, Defense Minerals Exploration Administration

Dated OCT 12 1956

Mr. Anderson
Admr. R. File
Certification File

Field Team, Region V
Finance Office
Mr. Killegaard, 5222
Mr. Frank Lamb, 3649
Mr. Houk

WCAnderson:gad 10/8/56
Copy to: Docket
Operating Committee
Mr. Johnson
Mr. Chambers
Mr. Fredell, GSA

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
2/9	GCS	120
		220

FEB 9 - 1962

Memorandum

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

From: Chief, Division of Field Operations, OME

Subject: DMEA-3860 (Mica)
Ed Boone
Gong Rock Mine
Yancey County, North Carolina
Contract Idm-2865

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

/s/ George C. Selfridge

Enclosure

GCSelfridge/hb (2/9/62)
cc to: Docket DMEA-3860
Director's Reading File
CA&A Division
G.C.Selfridge
R.A.Laurence, Region IV, w/cy of Report of Royalty Review dtd 2/8/62 & orig. cy of memo dtd 2/9/62 to Chief, Div. of Field Operations from CA&A Div.
V. J. Lynch, Reg. IV, w/cy of ea. item sent to Mr. Laurence.

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR 140
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

OCT 12 1956

Mr. Ed Boone

Spruce Pine, North Carolina

Re: Docket No. DMEA-3240 (Mica)
Ed Boone
Gong Hook Mine
Yancey County, North Carolina
Contract No. Idm-8265

Dear Mr. Boone:

Transmitted herewith is a certification of discovery or development under Contract No. Idm-8265 on the Gong Hook Mine, Yancey County, North Carolina.

By the terms of the Exploration Project Contract and of the certification, all strategic mined or produced from August 20, 1953, to August 20, 1963, are subject to the Government's percentage royalty as set forth in the contract until the sum of $8,203.00 is repaid to the Government.

You should continue to make royalty payments to Mr. Robert A. Laurence, Executive Officer, DMEA 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 royalties from the amount due on each shipment and forward the checks 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,

[illegible]

Administrator

Enclosure

Mr. Anderson
Certification File
R. F. Boyer
P. Kubrin

Mr. Chambers
Field Team, Reg. V (2)
Mr. Hillegeard, 3828
Mr. Lamb, 3449
Mr. Hook

Mr. Johnson
Docket
Operating Committee

Mikelsen/Kubrin/md 10/9/56
Copy to: Adm. R. File

GuSelfridge\hb (2\4\62)
cc to: Docket DMRA-3860
Director's Reading File
CAEA Division
G.G.Selfridge
J.A.Laurence, Region IV, w/cy of Report of Security
Review dtd 2\8\62 & orig. cy of memo dtd 2\5\62
to Chief, Div. of Field Operations from CAEA Div.
W. J. Lynch, Reg. IV, w/cy of ea. item sent to
Mr. Laurence.

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

OCT 19 1956

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

Re: Docket No. DMEA-3860-mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-2865

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 August 30, 1955, with the Government participating to the extent of 75 percent of $10,940.00 or $8,205.00. The project was started on September 26, 1955, and was completed on March 8, 1956, after the expenditure of $10,940.00, which is the total net accepted cost according to the Audit Review. The Government paid 75 percent of the total accepted cost or $8,205.00

The work performed on this project consisted of bulldozing an access road, construction of toolhouse-hoisthouse, powder and exploder magazines, extending an existing 140-foot crosscut incline for a distance of 223 feet, and driving 37 feet of drift. Drifting in a pegmatite which was intersected by the incline resulted in production of feldspar and non-strategic mica. Additional details on production and reserves will be forwarded at a later date.

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

Sincerely yours,

E. O. Hittenlor

Administrator

Enclosure

WCAnderson:ms 10/18/56
Copy to: Docket
Operating Committee
Mr. Johnson
Mr. Chambers
Field Team, Region V
Mr. Kilsgaard, 5222
Mr. Lamb, 3649
Mr. Houk
Mr. Anderson
Admr. R. File
Certification File

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

FEB 9 - 1962

Memorandum

To: Chief, Division of Field Operations

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

Subject: DMRA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract Idm-E865

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 OME 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 2-9-62

cc:
Docket
Director's Reading File
CA & A Division
Mr. Rothrock

43683

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

600

OCT 1 8 1956

Mr. Norman J. Dunbeck, Vice President
International Minerals and Chemical Corporation
20 North Wacker Drive
Chicago, 6, Illinois

Re: Docket No. DMEA-3860-mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

Dear Mr. Dunbeck:

Transmitted herewith for your information is a copy of the certification of discovery or development issued as a result of the exploration program under the above-referenced contract.

The property as set forth in the contract is the same property referred to in the Owner's Consent to Lien, dated June 7, 1955, and signed by Norman J. Dunbeck, Vice President, International Minerals and Chemical Corporation of Chicago, Illinois.

Also enclosed is a copy of our letter to Mr. Ed Boone of Spruce Pine, North Carolina.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosures: 2

WCAnderson:ms 10/18/56
Copy to: Docket
Operating Committee
Mr. Johnson
Mr. Chambers
Field Team, Region V

Mr. Killsgaard, 5222
Mr. Lamb, 3649
Mr. Houk
Mr. Anderson
Admr. R. File
Certification File

Page 3. Semi-annual report on inactive projects, North Carolina.

MSHA No.	Idmb	Operator	Date of Inspection
[illegible]	734	Boone & Jarrett (Marsh Putnam)	June 13 thru 15, '60
[illegible]	737	A. Ward (Elmore Mine)	
[illegible]	757	C. B. Phillips (Sugar Dave Mine)	
[illegible]	762	Keller Mining Co. (Royster Mine)	
[illegible]	814	Roy Grindstaff (Conley Mine)	
[illegible]	835	T. B. Vance (Shuffle Vance Mine)	
[illegible]	865	Ed Boone (Coog Rock Mine)	
[illegible]	882	J. R. Bean & J. Phillips (Little Ray Mine)	
[illegible]	900	Sam Smith (Doe Hill Mine)* Royalty due-$27.04	
[illegible]	952	Sam Phillips (Old Buchanan)	
[illegible]	1002	John Phillips (Roby Mine)	
[illegible]	[illegible]	[illegible] (Jones Prospect)	
[illegible]	977	Hawk Mining Co. (Hawk Mine)	
[illegible]	1042	Clifton D. Buchanan (Bonna Prospect)	
[illegible]	1069	Sam L. Phillips (Black Mountain Prop)	

The above listed projects were checked at the [illegible] Mines, Spruce Pine, N. C. [illegible] [illegible] by [illegible] [illegible] [illegible]

Docket No. 3860

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 865

Date of Contract ~~amendment~~: August 30, 1955

Name and Address of Operator:

Ed Boone
Spruce Pine,
North Carolina

Amount of Government participation $ 8,205.00

Percent of Government participation 75 %

Region: V State: North Carolina

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

(Title)

Date Delivered to Bureau of Mines, Washington.

54458

8/30/55

OFFICIAL FILE COPY
O. M. E.
RECEIVED NOV 23 1959

DATE	INITIALS	CODE
11-23	gal	210
"	RY	110
		800
		500
Date of Inspection		
		225

DMEA SEMI-ANNUAL REPORT ON CERTIFIED [illegible]

Projects Inactive since last inspection

Reporting Period: January 1, 1959 to July 1, 1959

DMEA No.	Idn-E	Operator	Date of Inspection
act 2886	547	Duncan Mining Co. (Connolly Mine)	Nov. 4, 1959
act [illegible]	548	Taylor, Greene & Greene (Cow Camp Mine)	Nov. 4, 1959
act *3236	665	Sparks & Paraley (Hector Mine)	Nov. 12, 1959
act 3260	592	John Phillips, et al (McKinney Mine)	Nov. 4, 1959
act 3262	675	J. H. Beam & H. Boone (Ingram Mine)	Nov. 5, 1959
act 3613	835	T. B. Vance (Shuffle Vance Mine)	Nov. 5, 1959
act [illegible]	865	Ed Boone (Gong Rock Mine)	Nov. 12, 1959
act **3942	900	Sam Smith (Doe Hill Mine)	Nov. 3, 1959
act 4239	1005	John Phillips (Roby Mine)	November 3, 1959
act [illegible]	1006	John Phillips (John Prospect)	November 3, 1959
act [illegible]	1042	Clifton D. Buchanan (Boone Prospect)	Nov. 5, 1959

[illegible] inspection of this property on November 12, it was [illegible] established that all production by the [illegible] Mine, [illegible] Young, is not coming from any part of the certified area.

** There has been no production from this property since the last inspection. The Operator was again requested to pay up the royalties due on past production. He agreed to do this but to-date he has not complied.

V. [illegible], Mining Engineer
Bureau of Mines

Government's copy

MF-200A
(Revised June 1954)

Docket No. DMEA -3860

Commodity Mica

Contract No. IdmE 865

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

It is agreed this AUG 30 1955 day of ....., 195...., between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Ed Boone, 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 2 maps.

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] -- 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: Consent to Lien of lessor.

[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."

16—70618-1

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

JUL 10 1959

Mr. Ed. Boone
Box 216
Spruce Pine, North Carolina

Re: Docket No. DMEA-3860 (Mica)
Ed. Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

Dear Mr. Boone:

Your letter, dated June 19, 1959, addressed to Mr. Robert A. Laurence, Executive Officer, Region V, requests that the above named contract be cancelled.

In the absence of specific authority, no administrative official of the Government may waive or divest any interest that the United States may have in property. The above named contract will therefore remain in effect until the expiration date, August 30, 1965, or until repayment of the Government's contribution if paid prior to that date.

Under the terms of the contract, the Government has the right to royalty from all production from the land. Should waste material from the dump be sold to the Black Mountain Railroad or others, royalties will be due and payable upon receipt of payment for the material.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

JLynch/eal - 7/8/59

Copy to: Director's Reading file
J. W. Alt
J. L. Hofflund, Room 6554
J. Lynch, Room 6554
Field Team, Region V (2)

(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 NOV 1 1955 shall commence the work, and on or before May 11, 1956 (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 $10,940.00 The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $8,205.00: *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

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
7/8	J. Lynch	140
7/8	Hofflund	140
	App'd. Sol. Off.	
7/10	Alt	500
	Sniewol	500
7/10	Taffut	800
7/10	Jeffridge	120
"	Johnson	110
7-10	gad	220
7-13	gad	225

JUL 10 1959

Mr. Ed. Boone
Box 216
Spruce Pine, North Carolina

Re: Docket No. DMEA-3860 (Mica)
Ed. Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

Dear Mr. Boone:

Your letter, dated June 19, 1959, addressed to Mr. Robert A. Laurence, Executive Officer, Region V, requests that the above named contract be cancelled.

In the absence of specific authority, no administrative official of the Government may waive or divest any interest that the United States may have in property. The above named contract will therefore remain in effect until the expiration date, August 30, 1965, or until repayment of the Government's contribution if paid prior to that date.

Under the terms of the contract, the Government has the right to royalty from all production from the land. Should waste material from the dump be sold to the Black Mountain Railroad or others, royalties will be due and payable upon receipt of payment for the material.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

JLynch/eal - 7/8/59

FROM SOLICITOR

JUL 1 1959

FOR SIGNATURE

Copy to: Director's Reading file
J. W. Alt
J. L. Hofflund, Room 6554
J. Lynch, Room 6554
Field Team, Region V (2)

43683

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.

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
7/1	[illegible]	500
	[illegible]	500
7/1	[illegible]	120
"	[illegible]	110
		220

INTERIOR DEPT.
JUL 2 - 1959
SOLICITOR

600

RECEIVED
JUL 2 1959
ASSOC. SOLICITOR
MINERAL RESOURCES

Memorandum

To: Associate Solicitor, Division of Mineral Resources

From: Division of Minerals, OME

Subject: Docket No. DMEA-3860 - Mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

It will be appreciated if you will review the attached draft of a proposed letter to Mr. Ed. Boone.

FROM SOLICITOR

JUL 9 - 1959

FOR SIGNATURE

Attachment

JWAlt:gad 7/1/59
Copy to: Dir. R. File

43683

(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.*—

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.
June 26, 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 29 1959

DATE	INITIALS	CODE
6-29	C	220
6-29	JWA	600

Memorandum

To: Operating Committee, OME - Washington, D. C.

From: Acting Executive Officer, OME - Region V

Subject: DMEA-3860, Idm-E865, mica- Goog Rock Mine, Yancey County, North Carolina

Attached is the original and one copy of a letter from Edward Boone requesting cancellation of the subject contract. As this is a matter not within the province of the Field Team, we would appreciate it if you would reply direct to Mr. Boone.

V. J. Lynch

V. J. Lynch

certified 10-12-56

Executed in sextuplicate the day and year first above written.

ED BOONE Ed Boone
(Operator)

THE UNITED STATES OF AMERICA

By C O Mattendorf
Administrator, Defense Minerals
Exploration Administration

XBy .....

.....

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

Please Reply To: Box 216
SPRUCE PINE, NORTH CAROLINA
June 19, 1959

Mr. Robert A. Lawrence, Executive Officer
Defense Minerals Exploration Dept
Room 13, Post Office Building
Knoxville, Tenn.

Dear Sir:

Due to the fact that the present lease on the Goog Rock Mine has not expired I was wondering if you would release this mine so that the Black Mountain Railroad may take waste material from the old dump to be used as road ballast. There is very little spar in this dump and no Mica at all.

Since there is still a few years to go on the agreement between myself and the government on this lease and due to the fact that this mine has not been worked in the past two years I was wondering if there is any way that this agreement could be broken.

Any help and information that you could give concerning this matter would be greatly appreciated.

Very truly yours,

Ed Boone

EDWARD BOONE
Box 216
Spruce Pine, N. C.

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 29 1959

DATE	INITIALS	CODE

RECEIVED
JUN 24 1959
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

EXPLORATION PROJECT CONTRACT
ED BOONE
DOCKET NO. DMEA-3860

ANNEX I

The land referred to in Article 2 of the contract form is known as the Goog Rock Mine, is located 1.25 miles N. 47° E. of Micaville, Yancey County, North Carolina, and is described as follows:

BEGINNING at a stake on the bank of South Toe River and at the mouth of a small Branch; thence up said Branch 479 feet to a marked Black Gum; thence north 75 degrees 30 minutes east 247 feet to a stake; thence north 65 degrees east 181 feet to a stake; thence north 25 east 123 feet to a stake; thence north 30 east 618 feet to a stake; thence south 87 west 900 feet to a stake on the bank of the river; thence along the river bank south 20 west 363 feet to the beginning, containing six and three quarter acres (6-3/4) more or less.

Spar. Corr

Please Reply To: Box 216
SPRUCE PINE, NORTH CAROLINA
June 19, 1959

Mr. Robert A. Lawrence, Executive Officer
Defense Minerals Exploration Dept
Room 13, Post Office Building
Knoxville, Tenn.

Dear Sir:

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Since there is still a few years to go on the agreement between myself and the government on this lease and due to the fact that this mine has not been worked in the past two years I was wondering if there is any way that this agreement could be broken.

Any help and information that you could give concerning this matter would be greatly appreciated.

Very truly yours,

Ed Boone

EDWARD BOONE
Box 216
Spruce Pine, N. C.

RECEIVED
JUN 24 1959
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

EXTRA COPY
O. M. E.
RECEIVED JUN 29 1959
DATE ... BONE

EXPLORATION PROJECT CONTRACT
ED BOONE
DOCKET NO. DMEA-3860

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica shall be accomplished in the area indicated on the two Strategic Minerals Investigations maps by the Geological Survey, United States Department of the Interior, entitled "Goog Rock Feldspar and Mica Mine, Yancey County, N. C.," attached hereto and made a part hereof, as follows:

1. Construct:

(a) An access road approximately 2400 feet, using a Model D-6 caterpillar w/dozer or equivalent size unit.

(b) A toolhouse-hoisthouse, minimum dimensions 10 feet by 20 feet.

(c) A powder storage magazine, minimum dimensions 4 feet by 3 feet by 2½ feet.

(d) An exploder storage magazine, minimum dimensions 2 feet by 1½ feet by 1 foot.

The toolhouse-hoisthouse may be unfloored; shall be made from rough, unfinished lumber, with protective roof covering; and shall be equipped with lock and key.

The powder and exploder magazines shall be boxed on all sides; shall be made from 2-inch hardwood or 3-inch softwood lumber; and shall be braced at the corners. No metal shall be exposed; and the lids or doors shall be securely locked with the equivalent of a 5-tumbler jarproof lock.

2. From the bottom of the existing incline, drive approximately 160 feet of crosscutting incline (at 16 to 18 degrees) to intersect the pegmatite. Drive on the pegmatite approximately 100 feet of drifts and/or raise. Not

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

June 26, 1959

Mr. Edward Boone
P.O. Box 216
Spruce Pine, N. C.

Re: DMEA-3860, Idm-E865-mica
Goog Rock Mine, Yancey County,
N. C.

Dear Mr. Boone:

Your letter of June 19, requesting cancellation of the above subject contract has been forwarded to our Washington office for consideration and reply.

Very truly yours,

V. J. Lynch, Acting
Executive Officer, OME
Region V

VJL/mm
cc
Opr. Com-2

Lynch
Files

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O. M. E.
RECEIVED JUN 29 1959
DATE | INITIALS | CODE

more than 75 feet of the drifts shall be driven in a southwesterly direction from the incline. The total of the crosscutting incline, drifts, and the raise, shall be not more than 260 feet.

The crosscutting incline and the drifts shall be timbered as necessary and shall have minimum cross-sectional dimensions of 6 feet by 7 feet in the clear of timber. The raise shall be timbered as necessary and shall have cross-sectional dimensions of not less than 4½ 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 -	
Access road, 40 hours of bulldozing @ $10.00/hr.	$ 400.00
Toolhouse-hoisthouse 1/	102.00
Powder magazine 1/	25.00
Exploder magazine 1/	13.00
Driving 260 feet of crosscutting incline, drifts and/or raise @ $40.00/ft.	10,400.00
Estimated Total Cost of Project	$10,940.00
Government Participation @ 75%	$ 8,205.00

1/ The completed work constitutes the unit.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

June 26, 1959

Memorandum

To: Operating Committee, OME - Washington, D. C.

From: Acting Executive Officer, OME - Region V

Subject: DMEA-3860, Idm-E865, mica- Goog Rock Mine, Yancey County, North Carolina

Attached is the original and one copy of a letter from Edward Boone requesting cancellation of the subject contract. As this is a matter not within the province of the Field Team, we would appreciate it if you would reply direct to Mr. Boone.

V. J. Lynch

VJL/am

RECEIVED JUN 29 1959 CODE

MF-203
Revised March 24, 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN

RECEIVED JUN 20 1955

To the United States of America:

Referring to that certain land in the County of Yancey, State of North Carolina, described as follows:1/ BEGINNING at a stake on the bank of South Toe River and at the mouth of a small Branch; thence up said Branch 479 feet to a marked Black Gum; thence north 75 degrees 30 minutes east 247 feet to a stake; thence north 65 degrees east 181 feet to a stake; thence north 25 east 123 feet to a stake; thence north 30 east 618 feet to a stake; thence south 87 west 900 feet to a stake on the bank of the river; thence along the river bank south 20 west 363 feet to the beginning, containing six and three quarter acres (6-3/4) more or less.
(The Goog (Rock Mine)).

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

None

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

None

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

3/ Write "none" if that is the case. Do not leave lines blank.

Form 7
56)

OFFICIAL FILE COPY

Date	Surname	Code
3/27	Fisher	800
3/27	C	220
		601

MAR 27 1958

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region V
Room 13, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMEA-3860 (Mica)
Ed Boone
Coog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

Dear Mr. Laurence:

I am returning herewith the original and three copies of the subject report of royalty review in which corrections have been made in line with Mr. Lynch's memorandum dated March 24, 1958, as follows:

1. The total sales of electric sheet and total mica sales have been corrected to 1,355.50 pounds and 88,710.63 pounds, respectively. The discrepancy of 10 pounds arose because of the omission of the "ounces" column in totaling each of the three sales to English Mica Company as shown on invoices from that company.

2. The rate of royalty applicable to Feldspar has been changed to "1½% & 2%".

The other changes suggested by Mr. Lynch have not been made. The computation of royalty was based on the individual settlements made by the operator. The summary in Schedule "A" represents totals produced by adding the various individual items. Where there are a large number of separate computations involving percentages, discrepancies of .01¢ or .02¢ may be expected when the separate computations are added together.

CEFisher/ama
March 27, 1958
Copy to: Docket
Admr. Reading File
Helen R. Miller
Mr. Chambers

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

Enclosures

8623

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 7th day of June, 1955.

INTERNATIONAL MINERALS & CHEMICAL CORPORATION [Seal] 20 NORTH WACKER DRIVE CHICAGO 6, ILL.

Norman J. Dunbeck [Seal]

Norman J. Dunbeck [Seal]
Vice President

I, C. M. Edwards certify that I am the Secretary (Secretary, etc.) of the corporation named herein; that Norman J. Dunbeck who signed this agreement was then Vice President (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

C. M. Edwards Secretary
[Corporate Seal]

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
3/18	Fisher	800
3/18	C	220
3/18	gad	600

MAR

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region V
Room 13, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMFA-3860 (Miles)
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

Dear Mr. Laurence:

I am enclosing the original and three copies of Mr. Fisher's report of royalty review dated March 14, 1958, pertaining to the subject contract.

If you concur with the findings, the original should be forwarded to the Regional Finance Officer, a copy should be retained in your files, and copies should be sent to the operator and the landowner.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

Enclosures

CEFisher/ama
March 18, 1958

Copy to: Docket
Admr. Reading File
Helen R. Miller
Mr. Chambers

8623

ORIGINAL FILE COPY
DMEA
RECEIVED NOV 6 1957

DATE	INITIALS	CODE
11/6	gb	220

EXPLORATION PROJECT

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

On

DMEA-3860, Idm-E865(mica) GOOG ROCK MINE
Yancey County, North Carolina

Reporting Period: January 1, 1957 to July 1, 1957

Operator: Ed Boone, Spruce Pine, North Carolina

The property was visited October 22. No work had been done since the last visit.

Wm. A. Beck, Mining Engineer
Bureau of Mines

z

Semi-Annual Report of Certified Project

Reporting Period: to 4-10-57. Date of Examination: 4-10-57

Operator: Ed Boone, Spruce Pine, N. C.

Mine Name: Goog Rock. County: Yancey. State: North Carolina

Docket No. DMEA-3860. Contract No. Idm-E865. Commodity: Mica

Date of Contract: 8-30-55. Date of Certification: 10-12-56

Date of Expiration of Royalty Payments: 8-30-65

Total Amount of Contract: $10,940.00. Total Expenditures under Contract: $10,940.00

Amount of Government Participation at--75%--$8,205.00

Royalty This Period: $563.44. Previous Royalty Payments: None

Total Royalty Payments: $563.44. Percent Gov't Participation Repaid: 5.15

Royalty Due on Production to Date: None

Royalty Remarks: Operator has overpaid 93¢ on his royalties.

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 17 1957

DATE	INITIALS	CODE
5/17	JWB	226
5/20	CBM	100

Original Estimate of DMEA Reserves(Field Team Final Report).

Feldspar--------400 tons
Punch mica----------12,110 lbs.
Scrap mica-----28,255 lbs.

Revised Estimate of DMEA Reserves

Feldspar-------1000 tons
Dielectric Mica(sheet)-----600 lbs.
Electric Mica (sheet) 1500 lbs.
Punch 10,000 lbs.
Scrap mica-- 80,000 lbs.

Increase of reserves by work performed subsequent to DMEA work.

Feldspar-------600 tons
Dielectric sheet mica----1500 lbs.
Electric sheet mica---- 2000 lbs.
Scrap------50,000 lbs.

Production DMEA Ore (this period)

Type	Pounds	Value
Dielectric sheet	433.13	$4,664.02
Electric sheet mica	1,355.50	1,513.07
Hand cobbed mica	9,833.00	863.44
Punch	8,124.00	812.40
Scrap	68,965.00	1,068.14
Total	88,710.63	$8,921.07

Feldspar

Tons	Price/ton	Value
962.429	$ 7.75	$7,458.84
26.860	8.50	228.31
Total... 989.289		$7,687.15

Previous Production DMEA Ore--------None

Remarks: This property was visited April 10, 1957 by the writer. All the equipment had been removed and there was no activity at the mine.

Wm. A. Beck, Mining Engineer
Bureau of Mines

zm

Memorandum

To: File

From: Walter C. Anderson

Subject: Royalty payments - Docket No. DMEA-3860-Mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

According to the attached computation of royalty payments, the net due the Operator amounts to $0.96.

The subject mine has closed down and no more mica sales are contemplated by the present Operator.

Computation of royalty payment — $33.84

			Royalty
Underpayment on previous sale of feldspar			$ 1.15
1-21-57	5.848 Tons feldspar	$42.40 @ 1½%	.63
12-14-56	Accep. 69(a) - Final	145.99 @ 5%	7.30
12-20-56	✓ 74(a) - do	151.69 @ 5%	7.58
1-2-57	✓ 78(a) - do	67.26 @ 5%	3.36
1-8-57	✓ 81(a) - do	23.67 @ 5%	1.17
Punch - Tar Heel Mica Co		252.93 @ 5%	12.65
			$ 33.84

Due Operator - Accep. 71(a) - Final ($25.21) @ 5% $ 1.26

Due Govt — 50¢ per ton royalty deducted in error

1-21-57	$ 2.92		
12-4-56	3.58		
12-21-56	13.38	$19.88 @ 1½%	.30
Net due Operator			$ .96

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

May 3, 1957

Memorandum

To: Finance Officer, DMEA - Region V

From: Executive Officer, DMEA - Knoxville, Tennessee

Subject: Royalty Payment on Idm-E865, DMEA-3860 (mica and feldspar) Good Rock Mining Company, N. C.

Transmitted are settlement sheets for mica and feldspar sold from the subject contract as received in this office from the Operator, and his check for royalties in the amount of $33.84.

Robert A. Laurence

ZM.

cc
Lynch
Mittendorf
Files

FILE COPY
DMEA
RECEIVED MAY 6 1957

DATE	INITIALS	CODE
5/6	C	220
5/6	WZA	600

Spruce Pine,N.C.
May 1 ,1957

DMEA U.S. Bureau of Mines
Attn Mr R.W. Lawrence

Dear Mr. Lawrence,

I am inclosing check for $33.84 for payment on loan at Goog Rock Mine. This is 5% on $641.54 mica sales,1½% on $42.42 spar sales, and $1.15 mistake on last check to you. 42.40

This ~~[illegible]~~ is our last sales from this mine.

Yours Truly

Ed Boone

Ed Boone

RECEIVED
MAY 2 - 1957
Knoxville, Tenn.

COPY
DMEA
RECEIVED MAY 3 1957
DATE | INITIALS | CODE

PLANT No.

Consolidated Feldspar Department

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION

DATE Jan. 28 1957

TO: Goog Rock Mining Co.

Spruce Pine, N. C.

FELDSPAR DELIVERED TO KONA: GOOG ROCK PROP.

Date	Ticket No.	Tons	Amount
1-21-57	5602	5.848 @ $7.75	$ 45.32
		Less 50¢ per ton royalty	2.92
			$ 42.40

Check No. 2372
1-28-57

160162-6258-0101 - $42.40

CHG:

GENERAL SERVICES ADMINISTRATION FINAL SETTLEMENT MICA PURCHASING DEPOT, SPRUCE PINE, N. C. B	DATE PURCHASED 12-14-56 ACCEPTANCE NO. [illegible] 0340. [illegible]-69 (a)
CERTIFICATE AUTHORIZATION NO. [illegible]-4-342 B LOT NO. SP [illegible]-69 (a)	VOUCHER NO.

	TOTAL WGT (LBS)	LBS. - G. S.	LBS. - STAINED	LBS.-HVY.STAINED	TOTAL VALUE
PROCESSED FOR PAYMENT	11.06	7.[illegible]	7.31	15.37	[illegible]6.00
PROCESSED - NO PAYMENT					
THINS					
BLACK - DOTS SPOTS STAIN					
UNDERSIZED					
PROCESS - GAIN LOSS					
TOTAL LBS. PURCHASED	[illegible]0.00				

FOR USE OF CERTIFYING OFFICER

LESS: INITIAL PAYMENT - VOUCHER NO. SCH. NO.	100.01
BALANCE DUE GOVERNMENT [ ] SELLER [X]	1[illegible]5.99

SELLER'S NAME AND ADDRESS	NAME OF MINE AND LOCATION
Goog Rock Mining Co. Box 216 Spruce Pine, N. C.	Goog Rock APPROVED [illegible] 3-[illegible]-57 DEPOT SUPERINTENDENT DATE

Form R4-T36, May 1956

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT

MICA PURCHASING DEPOT, SPRUCE PINE, N. C. [redacted]

DATE PURCHASED [redacted]

ACCEPTANCE NO. [redacted]

CERTIFICATE AUTHORIZATION NO. [redacted]

LOT NO. SP [redacted]

VOUCHER NO.

	TOTAL WGT (LBS)	LBS. - G. S.	LBS. - STAINED	LBS.-HVY.STAINED	TOTAL VALUE
PROCESSED FOR PAYMENT	37.36	7.28	15.78	14.30	276.75
PROCESSED - NO PAYMENT					
THINS					
BLACK - DOTS SPOTS STAIN					
[redacted]					
PROCESS - GAIN LOSS					
TOTAL LBS. PURCHASED	[redacted]				

FOR USE OF CERTIFYING OFFICER

LESS: INITIAL PAYMENT - VOUCHER NO. [redacted] SCH. NO. [redacted]

BALANCE DUE GOVERNMENT ☐ SELLER ☒ [redacted]

SELLER'S NAME AND ADDRESS

[redacted]

NAME OF MINE AND LOCATION

[redacted]

APPROVED [redacted] 3-[redacted]-57

DEPOT SUPERINTENDENT DATE

Form R4-T36, May 1956

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT

MICA PURCHASING DEPOT, SPRUCE PINE, N. C. B

DATE PURCHASED 12-18-56

ACCEPTANCE NO. [illegible] 30. 204-71 (a)

CERTIFICATE AUTHORIZATION NO. [illegible] B

LOT NO. SP 20-71 (a)

VOUCHER NO.

	TOTAL WGT (LBS)	LBS. - G. S.	LBS. - STAINED	LBS.-HVY. STAINED	TOTAL VALUE
PROCESSED FOR PAYMENT	20.73	2.05	6.25	12.42	90.03
PROCESSED - NO PAYMENT					
THINS					
BLACK - DOTS SPOTS STAIN					
UNDERSIZED					
PROCESS - GAIN LOSS					
TOTAL LBS. PURCHASED	1290.00				

FOR USE OF CERTIFYING OFFICER

LESS: INITIAL PAYMENT - VOUCHER NO. Cost of Lifting & Trimming SCH. NO. 15.23 100.01

BALANCE DUE GOVERNMENT [X] SELLER [ ] 25.21

SELLER'S NAME AND ADDRESS

Goog Rock Mining Co.
Box 216
Spruce Pine, N. C.

NAME OF MINE AND LOCATION

Goog Rock

APPROVED 3-22-57

PURCHASE RECORD

PLUMTREE, N. C. April 16 1957

THE TAR HEEL MICA COMPANY

BOUGHT OF Earl Brown

NAME OF MINE Goog Rock QUALITY BS LOCATED Box 216 Spruce Pine

LBS.	OZ.		PRICE
44		PUNCH — LARGE	.30 13.20
89	8	PUNCH — SMALL 1½ x 2	.60 53.70
50	8	2 x 2	.90 45.45
32	8	2 x 3	1.25 40.63
12	8	3 x 3	1.60 20.00
16	8	3 x 4	1.80 11.30
10	8	3 x 5	2.10 33.60
12	8	4 x 6	2.60 27.30
		4 x 8	3.10 7.75
61	3		
247			

Total $ 252.93

Less $

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT

MICA PURCHASING DEPOT, SPRUCE PINE, N. C. [redacted]

DATE PURCHASED [redacted]

ACCEPTANCE NO. [redacted]

CERTIFICATE AUTHORIZATION NO. [redacted]

LOT NO. SP [redacted]

VOUCHER NO.

	TOTAL WGT (LBS)	LBS. - G. S.	LBS. - STAINED	LBS.-HVY. STAINED	TOTAL VALUE
PROCESSED FOR PAYMENT	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
PROCESSED - NO PAYMENT					
THINS					
BLACK - DOTS SPOTS STAIN					
UNDERSIZED					
PROCESS - GAIN LOSS					
TOTAL LBS. PURCHASED	[redacted]				

FOR USE OF CERTIFYING OFFICER

LESS: INITIAL PAYMENT - VOUCHER NO. [redacted] SCH. NO. [redacted]

BALANCE DUE GOVERNMENT [ ] SELLER [X] [redacted]

SELLER'S NAME AND ADDRESS

[redacted]

NAME OF MINE AND LOCATION

[redacted]

APPROVED

[signature] [redacted]

DEPOT SUPERINTENDENT DATE

Form R4-T36, May 1956

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT

MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE PURCHASED [redacted]

[redacted]

CERTIFICATE AUTHORIZATION NO. [redacted]	LOT NO. SP [redacted]	VOUCHER NO.

	TOTAL WGT (LBS)	LBS. - G. S.	LBS. - STAINED	LBS.-HY. STAINED	TOTAL VALUE
PROCESSED FOR PAYMENT	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
PROCESSED - NO PAYMENT					
THINS					
BLACK - DOTS SPOTS STAIN					
UNDERSIZED					
PROCESS - GAIN LOSS					
TOTAL LBS. PURCHASED	[redacted]				

FOR USE OF CERTIFYING OFFICER

[redacted]

TOTAL PAYMENT - VOUCHER NO. SCH. NO. [redacted]

BALANCE DUE [redacted]

SELLER'S NAME AND ADDRESS

[redacted]

NAME OF MANUFACTURING ORGANIZATION

[redacted]

APPROVED [redacted]

DEPOT SUPERINTENDENT DATE

Form R4-T36, May 1956

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT

MICA PURCHASING DEPOT, SPRUCE PINE, N. C. B

DATE PURCHASED: 12-18-56

ACCEPTANCE NO.: [illegible] 940. 204-71 (a)

CERTIFICATE AUTHORIZATION NO.: [illegible]-4-342 B

LOT NO.: SP 20-71 (a)

VOUCHER NO.:

	TOTAL WGT (LBS)	LBS. - G. S.	LBS. - STAINED	LBS.-HVY. STAINED	TOTAL VALUE
PROCESSED FOR PAYMENT	20.73	2.06	6.23	12.42	90.03
PROCESSED - NO PAYMENT					
THINS					
BLACK - DOTS SPOTS STAIN					
UNDERSIZED					
PROCESS - GAIN LOSS					
TOTAL LBS. PURCHASED	1290.00				

FOR USE OF CERTIFYING OFFICER

LESS: INITIAL PAYMENT - VOUCHER NO. Cost of Milling & Trimming SCH. NO. 15.23 100.01

BALANCE DUE GOVERNMENT [X] SELLER [ ] 25.21

-252.1

SELLER'S NAME AND ADDRESS

Goog Rock Mining Co.
Box 216
Spruce Pine, N. C.

NAME OF MINE AND LOCATION

Goog Rock

APPROVED

[signature] 3-22-57

DEPOT SUPERINTENDENT DATE

Form R4-T36, May 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1025 OCE BLDG.
WASHINGTON 25, D. C.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY
DMEA
RECEIVED APR 5 1957

DATE	INITIALS	CODE
4-5	C	220
		225

April 3, 1957

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tennessee

Subject: DMEA-3860, Idm-E865 (Mica), Ed Boone, Spruce Pine, N. C.
Goog Rock Mine, Yancey County, N. C.

Reference is made to the last paragraph of our memorandum of February 6, 1957, on the subject docket and also to the last paragraph of your letter of April 1 on docket no. DMEA-2841, concerning abandonment of leases.

On January 30, this Operator advised us that he is closing the mine, but made no mention of terminating his lease. However, the lease requires payment of $500.00 per year minimum royalty, and states that "if at any time during the continuance of this lease in the judgment of the Lessee, mining operations shall become unprofitable, said Lessee shall have the right to terminate this lease by giving to the Lessor notice in writing of such intention to terminate."

Thus it seems probable that this Operator will abandon his lease, if he has not already done so.

Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA

W. A. Beck
W. A. Beck, for V. J. Lynch
Member, Bureau of Mines

RAL/as
cc
Opr. Com. 2
Lynch
Shirley
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1, POST OFFICE BLDG.
KNOXVILLE 2, TENNESSEE

WASHINGTON 25, D.C.

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 8 1957

DATE	INITIALS	CODE
2-8	C	220
		225

February 6, 1957

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V -Knoxville

Subject: DMEA-3860, Idm-E865-Mica. Ed Boone, Spruce Pine, N.C. Goog Rock Mine, Yancey County, N. C.

Reference is made to your letter of January 30.

Copies of settlement sheets for feldspar sales between September 28 and November 30, 1956 are enclosed. Copies of these were sent to Washington with the copy of my December 10 memo to the Finance Officer. Royalty on these sales was correctly figured on the gross receipts. I regret that we overlooked the error in the January 22 payment, and I have written to the Operator, requesting payment of an additional $1.15. Three copies of this letter are enclosed.

Mr. Boone wrote on January 30 that he closed the mine January 10, 1957 because he was losing money on it. He has four lots of mica at the Spruce Pine Depot for processing, and will send royalty payment when this mica has been sheeted. Presumably he will drop his lease on this property.

Robert A. Laurence

Robert A. Laurence

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1050 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 8 1957

DATE	INITIALS	CODE

February 6, 1957

Mr. Ed Boone

Spruce Pine, N. C.

Re: DMEA-3860, Idm-E865-Mica
Geog Rock Mine, Yancey County
North Carolina

Dear Mr. Boone:

Your letter of January 30, enclosing royalty check for $74.64 has been received. We are sorry to learn that the operations at the Geog Rock mine have been unsuccessful and that you have closed down the mine.

On reviewing the settlement sheets which accompanied your letter of January 22, I find that two small errors were made in calculating the royalty due on feldspar sales. You paid at the rate of 1½% on $474.30, or $7.11. However, the royalty actually due is $8.26, calculated as follows:

$228.31 @ 2% ($8.50 per ton).....$4.57

$245.99 @ 1½% ($7.75 per ton)..... 3.69

Total.. $8.26

The royalty on the $245.99 was incorrectly figured on the net after deduction of the 50 cents per ton owner's royalty, and that on the $228.31, while based on the correct gross receipts total, was incorrectly figured at 1½%, whereas the stipulated rate for $8.50 per ton is 2%.

Therefore a balance of $1.15 is due on these sales. Please send a check for that amount at your earliest convenience, or add that amount to the royalty due on the four remaining lots of mica.

Sincerely yours,

RAL/zm
cc
Opr.Com.-3
Finance Office
Lynch
Shirley
Files

Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V

REMITTANCE INFORMATION

International Minerals Chemicals

PLANT No.

Consolidated Feldspar Department

VOUCHER No.

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION

DATE Sept. 28 1956

TO: Goog Rock Mining Co.

Spruce Pine, N. C.

RECEIVED FEB 8 1957 D.M.E.A.

FELDSPAR DELIVERED TO KONA:

PROPERTY GOOG ROCK (Conway)

Date	Ticket No.	Tons		Amount
9-4-56	4809	7.991	@ $7.75	$ 61.93
9-4-56	4808	9.129		70.75
9-12-56	4858	9.129		70.75
9-17-56	4883	8.125		62.97
9-17-56	4886	8.638		66.94
9-17-56	4889	8.415		65.22
9-21-56	4923	7.746		60.03
9-21-56	4928	7.835		60.72
9-21-56	4930	8.013		62.11
		75.021		$ 581.42
		Less 50¢ per ton royalty		37.51
				$ 543.91

Check No. 1727
9-28-56

CHG: 160162-6258-0101 - $543.91

REMITTANCE INFORMATION

PLANT No.

Consolidated Feldspar Department

VOUCHER No.

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION

October 15 1956

TO: Goog Rock Mining Company

Spruce Pine, N. C.

RECEIVED FEB 8 1957 D.M.E.A.

(Company) GOOG ROCK PROP.

FELDSPAR DELIVERED TO KONA:

Date	Ticket No.	Tons		Amount
10-1-56	4942	7.589	@ $7.75	$ 58.82
10-1-56	4944	7.946		61.58
10-1-56	4947	8.281		64.18
10-3-56	4957	7.679		59.51
10-3-56	4958	8.616		66.77
10-3-56	4959	8.683		67.29
10-8-56	4972	8.571		66.43
10-8-56	4975	8.482		65.74
10-8-56	4977	8.013		62.10
10-8-56	4981	7.679		59.51
10-9-56	4987	6.406		49.65
10-9-56	4990	7.098		55.00
10-9-56	4991	8.527		66.08
10-9-56	4993	8.817		68.33
10-12-56	5018	7.879		61.06
10-12-56	5021	8.013		62.10
		128.279		$ 994.15
	Less 50¢ per ton royalty			64.14
				$ 930.01

Check No. 1800
10-15-56

CHG: 160162-6258-0101 - $930.01

REMITTANCE INFORMATION

PLANT No.

Consolidated Feldspar Department

VOUCHER No.

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION

DATE October 31 1956

TO: Goog Rock Mining Company

Spruce Pine, N. C.

RECEIVED FEB 8 1957 D.M.E.A.

PROPERTY
GOOG ROCK (Company)

FELDSPAR DELIVERED TO KONA:

Date	Ticket No.	Tons		Amount
10-19-56	5063	6.853	@ $7.75	$ 53.11
10-19-56	5066	6.786		52.59
10-19-56	5069	6.696		51.89
10-30-56	5112	6.495		50.34
		26.830		$ 207.93
		Less royalty @ 50¢ per ton		13.42
				$ 194.51

Check No. 1900
10-31-56

160162-6258-0101 - $194.51

CHG:

REMITTANCE INFORMATION

PLANT No.

Consolidated Feldspar Department

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION

TO: Goog Rock Mining Co.

Spruce Pine, N. C.

DATE Nov. 16 1956

RECEIVED DEC 8 1957 D.M.E.A.

FELDSPAR DELIVERED TO KONA:

GOOG ROCK ~~FLDSP.~~

Date	Ticket No.	Tons		Amount
11-6-56	5153	6.964	@ $7.75	$ 53.97
11-6-56	5157	6.719		52.07
11-13-56	5200	7.366		57.09
11-14-56	5212	4.911		38.06
11-14-56	5213	8.348		64.70
		34.308		$ 265.89
		Less 50¢ per ton royalty		17.15
				$ 248.74

Check No. 1986
11-16-56

CHG: 160162-6258-0101 - $248.74

REMITTANCE INFORMATION

PLANT No.

Consolidated Feldspar Department

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION

DATE Nov. 30 1956

TO: Goog Rock Mining Co.

Spruce Pine, N. C.

RECEIVED FEB 8 1957 D.M.E.A.

FELDSPAR DELIVERED TO KONA:

GOOG ROCK PROP.

Date	Ticket No.	Tons		Amount
11-26-56	5275	8.415	@ $7.75	$ 65.22
11-26-56	5277	7.768		60.20
11-26-56	5281	8.304		64.36
11-26-56	5283	7.768		60.20
11-26-56	5284	8.482		65.74
11-27-56	5287	5.848		45.32
11-27-56	5290	8.058		62.45
11-27-56	5293	5.580		43.25
11-27-56	5295	8.929		69.20
11-27-56	5300	5.893		45.67
11-28-56	5306	5.357		41.52
11-29-56	5316	7.679		59.51
		88.081		$ 682.64
		Less 50¢ per ton royalty		44.04
				$ 638.60

Check No. 2059
11-30-56

CHG: 160162-6258-0101 - $ 682.64
617900 (44.04)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1, POST OFFICE BLDG.
KNOXVILLE 2, TENNESSEE

WASHINGTON 25, D. C.

February 1, 1957

RECEIVED FEB 4 1957 D.M.E.A.

Memorandum

To: Finance Officer - Region V (DMEA)

From: Acting Executive Officer - Region V - Knoxville

Subject: Royalty Payment - Idm-E865, DMEA-3860-mica
Goog Rock Mining Co., Goog Rock Mine, Yancey County, N. C.

Transmitted are bill-of-sales for mica from the subject contract in the amount of $1,491.99, and a check No.368 for 5% royalty of the sale for $74.64. This check includes 4¢ due on the payment made January 24, 1957.

V. J. Lynch

z

cc.
Mittendorf
Lynch
Files

OFFICIAL FILE COPY
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DATE | INITIALS | CO
2-5 | C | 2
6

Copy

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 12-18-56 ACCEPTANCE NO: Map #540
TIFICATE AUTHORIZATION No.	LOT No.	VOUCHER No.
NON-RUBY X	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
IMINARY PAYMENT	1290.00	100.01 ✓
RAL SERVICES ADMINISTRATION		
	NAME OF MINE: Goog Rock State: N.C. County: Yancey	
	DMEA No. 3860 Idm-E 865-	
	Seller: Goog Rock Mining Co	
	Address: Spruce Pine, N.C.	

RECEIVED FEB 4 1957 D.M.E.A.

Copy

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 12-20-56 ACCEPTANCE NO: Mol. #540
CERTIFICATE AUTHORIZATION No. 3428	LOT No.	VOUCHER No.
RUBY NON-RUBY X	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	2560.00	100.01 ✓
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Goog Rock State: N.C. County: Yancey	
	DMEA No. 3860 Idm-E 865	
	Seller: Goog Rock Mining Co.	
	Address: Spruce Pine, N.C	

RECEIVED FEB 4 1957 D.M.E.A.

Copy

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 12-57 ACCEPTANCE NO:
CERTIFICATE AUTHORIZATION No. 1867A	LOT No.	VOUCHER No.
RUBY NON-RUBY X	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	69.32	561.39
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Goog Rock State: N.C County: Yancey	
	DMEA No. 3860 Idm-E 865	
	Seller: Goog Rock Mining Co.	
	Address: Spruce Pine, N.C.	

Sold to; Asheville Mica Co., 1255 lbs @ 10¢ - 125.50
(Black stained punch)

Total $686.89

RECEIVED FEB 1957 D.M.E.A.

copy

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 1-2-57 ACCEPTANCE NO: Map #540.
CERTIFICATE AUTHORIZATION No. 342 B	LOT No.	VOUCHER No.
RUBY NON-RUBY X	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	2120.00	100.00
GENERAL SERVICES ADMINISTRATION		
By: Ed Burleson, Buyer	NAME OF MINE: Goog Rock State: N.C. County: Yancey	
	DMEA No. 3860 Idm-E 865	
	Seller: Goog Rock Mining Co	
	Address: Box 216. Spruce Pine, N.C	

Sold to: C. E. Duncan, 6 3/4 tons scrap @ $35/ton $236.25

Total - $236.25

copy

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 1-8-57 ACCEPTANCE No. 540
CERTIFICATE AUTHORIZATION No.	LOT No.	VOUCHER No.
RUBY NON-RUBY X	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	1783.00	100.01
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Goog Rock State: N.C County: Yancey	
	DMEA No. 3860 Idm-E 865	
	Seller: Goog Rock Mining Co	
	Address: Spruce Pine, N.C.	

copy

GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 1-2-57

Acceptance No. 679(a)

Certificate Authorization No. 1867A LOT No. SP- 679(a)

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	69.08	16.48	29.47	23.13	730.21
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process-Gain ~~Loss~~	.24				
Total Lbs Purchased	69.32				

Less: Initial Payment - Voucher No. Sch. No. 561.39

Balance Due: Government: Seller: X 168.82

Seller's Name
Address: Goog Rock Mining Co
Spruce Pine, N.C.

NAME OF MINE: Goog Rock

DMEA No. 3860 Idm-E 865

County: Yancey State: N.C.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/29	Houk	600
1-29	Chamberlin	800
1/30	Selfridge	130
"	Johnson	110
"	Whitesides	100
1-31	C	220

600

JAN 30 1957

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Re: Docket No. DMEA-3860-Mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

Dear Mr. Laurence:

Reference is made to your memorandum to the Finance Officer, Region V, dated January 24, 1957, on the royalty payments from the subject mine.

The royalty payment ($7.11) on the feldspar is in error. Under the terms of the contract the operator should not deduct the 50¢ per ton royalty from the gross amount. The royalty rate on $8.50 per ton feldspar should be 2% instead of 1½%. Our calculations indicate the feldspar royalty should be $8.51 instead of $7.11, and the total check should have been $66.93.

We are unable to check the royalty on the sales of feldspar between September 28, 1956, and November 30, 1956, as no settlement sheets were received. Please forward when available.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

Frank D. Lamb
Member, Bureau of Mines

N. E. Nelson
Member, Geological Survey

LGHouk:gad 1/29/57
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1, POST OFFICE BLDG.
KNOXVILLE 2, TENNESSEE

January 24, 1957

Memorandum

To: Finance Officer, Region V (DMEA)

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty Payment - Idm-E865, DMEA-3860, Gogg Rock-Ed Boone, Spruce Pine, N.C.

Transmitted are bills-of-sale for mica and feldspar from the subject mine:

Feldspar--$474.30 @ 1½% royalty 8.51 7.11

Mica---- 1168.40 @ 5% royalty 58.42

66.93

A check for royalty on both mica and feldspar in the amount of $65.49 is also attached. This check is 4¢ less than the amount due, which will be made up at a later date.

Robert A. Laurence

ZM.
Mittendorf
Lynch
Files

Copy

RECEIVED
JAN 28 1957
D.M.E.A.

GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 12-11-56

Acceptance No. 622(a)

Certificate Authorization No. 714A LOT No. 622(a) SP-

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	74.31	19.09	33.03	22.19	768.99
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process-Gain Loss	-0-				
Total Lbs Purchased	74.31				

Less: Initial Payment - Voucher No. Sch. No. 582.80

Balance Due: Government: Seller: X 186.19 ✓

Seller's Name
Address: Ed Boone
Spruce Pine, N.C

NAME OF MINE: Goog Rock

DMEA No. 3860 Idm-E 865

County: Yancey State: N.C

39941
186.19
582.80

1168.40 H

copy

RECEIVED JAN 28 1957 D.M.E.A.

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 12-14-56 ACCEPTANCE NO: #540 Maxi.
CERTIFICATE AUTHORIZATION No.	LOT No.	VOUCHER No.
RUBY NON-RUBY X	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	2080.00	100.01
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Goog Rock DMEA No. 3860 Idm-E 865	State: N.C. County: Yancey
	Seller: Goog Rock Mining Co. Address: Box 216, Spruce Pine, N.C	

Sold to: English Mica Co. Spruce Pine, N.C.	3,780 lbs @ $30/ton	56.70
" " "	3,330 lbs. @ $30/ton	49.95
" " "	3,450 lbs @ $30/ton	51.75
Sold to: Asheville Mica Co. Asheville, N.C.	1,410 @ 10¢/lb (Black Punch)	141.00

Total $399.41

Copy

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 12-11-56 ACCEPTANCE NO: CA4
CERTIFICATE AUTHORIZATION No. 712	LOT No.	VOUCHER No.
RUBY NON-RUBY X	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	74.31	582.80
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Goog Rock State: N.C. County: Yancey	
	DMEA No. 3860 Idm-E 865	
	Seller: Ed Boone	
	Address: Spruce Pine, N.C	

Feldspar sold from Goog Rock Mine.
DMEA-3860, Idm-E865
Ed Boone, Spruce Pine, N.C.

12-4-56, Feldspar delivered to Kona

7.165 tons @ $7.75	$55.53
Less royalty @ 50¢	3.58
	$51.95
12-21-56, 26.763 tons @ $7.75	$207.42
Less 50¢ per ton royalty	13.38
	$194.04
No date- 26.86 tons @ $8.50	228.31
	$474.30
Royalty 1½%	
	$7.11

C O P Y

RECEIVED
JAN 28 1957
DMEA

60.788 491.26

RECEIVED
DEC 12 1956
D.M.E.A.

December 10, 1956

certified

Memorandum

To: Finance Officer, DMEA - Region V

From: Executive Officer, DMEA - Region V - Knoxville, Tennessee

Subject: Royalty Payment - Idm-E865, DMEA-3860, Ed Boone, Spruce Pine, N.C.
Goog Rock Mine, Yancey County, N.C.

138.01

Transmitted are bills-of-sale for mica in the amount of $2,760.36 and sales of feldspar in the amount of $2,732.03. A royalty check in the amount of $179.00 for royalty on both sales is also enclosed.

Robert A. Laurence

z

cc:
Lynch
Mittendorff
Shirley
Files

51.95
194.04
228.31
474.30

Copy

RECEIVED DEC 12 1956 D.M.E.A.

GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 10-18-56

Acceptance No. 417(a)

Certificate EPS-714A LOT No. 417(a)
Authorization No. SP-

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	93.55	21.23	42.72	29.60	966.43
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process-~~Gain~~ Loss	.01				
Total Lbs Purchased	93.56				

Less: Initial Payment - Voucher No. Sch. No. 742.28

Balance Due: Government: Seller: 1 224.13

Seller's Name Ed. Bonne
Address: Spruce Pine, N.C.

NAME OF MINE: Gong Rock
DMEA No. 3860 Idm-E 865
County: Yancey State: N.C.

copy

RECEIVED DEC 12 1956 D.M.E.A.

GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 11-8-56

Acceptance No. 493(a)

Certificate Authorization No. 867 A LOT No. SP- 493(a)

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	76.40	13.53	35.53	27.34	712.10
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process-~~Gain~~ Loss	.04				
Total Lbs Purchased	76.44				

Less: Initial Payment - Voucher No.		Sch. No.	551.51
Balance Due:	Government:	Seller: X	160.59

Seller's Name Ed Boone
Address: Spruce Pine, N.C.

NAME OF MINE: Long Rock
DMEA No. 3860 Idm-E 865
County: Yancey State: N.C

C O P Y

DMEA-3860, Idm-E865, Ed Boone, Spruce Pine, N.C.

Goog Rock Mine, Yancey County, North Carolina

Mica Sales:

Sold to:

11/24/56,	The English	Mica	Co.,	6290	lbs	@	$30/ton	$ 94.35
10/10/56	"	"	"	" 4310	"	@	$30/ton	64.65
10/13/56	"	"	"	" 3745	"	@	$30/ton	56.18
11/9/56	"	"	"	" 3950	"	@	$30/ton	59.25
11/8/56	"	"	"	" 4080	"	@	$30/ton	61.20
11/16/56	"	"	"	" 3550	"	@	$30/ton	53.25
10/30/56	"	"	"	" 4090	"	@	$30/ton	61.35

11/29/56, Carpenter & Phillips Mica Co.
365 lbs sheet mica @ $1.00 365.00

27½ lbs sheet @ $3.00 82.50

11/13/56, Asheville Mica Co., 1,841 lbs punch @ 10¢ lb. 184.10

1,081.83

C O P Y

FELDSPAR SALES

9/28/56	Consolidated Feldspar Dept. International Minerals and Checmical Corp.	$581.42
10/15/56	" " " " " "	994.15
10/31/56	" " " " " "	207.93
11/16/56	" " " " " "	265.89
11/30/56	" " " " " "	682.64
	Total felspar.	$2732.03

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

DOCKET COPY
Surname:
Anderson
Houk
Selfridge

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

Re: Docket No. DMEA-3860-mica
Ed Boone
Coog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

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 August 30, 1955, with the Government participating to the extent of 75 percent of $10,940.00 or $8,205.00. The project was started on September 26, 1955, and was completed on March 8, 1956, after the expenditure of $10,940.00, which is the total net accepted cost according to the Audit Review. The Government paid 75 percent of the total accepted cost or $8,205.00.

The work performed on this project consisted of bulldozing an access road, construction of toolhouse-hoisthouse, powder and exploder magazines, extending an existing 140-foot crosscut incline for a distance of 223 feet, and driving 37 feet of drift. Drifting in a pegmatite which was intersected by the incline resulted in production of feldspar and non-strategic mica. Additional details on production and reserves will be forwarded at a later date.

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

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosure

WCAnderson:ms 10/18/56
Copy to: Docket
Operating Committee
Mr. Johnson
Mr. Chambers
Field Team, Region V

Mr. Kilsgaard, 5222
Mr. Lamb, 3649
Mr. Houk
Mr. Anderson
Admr. R. File
Certification File

R.S.S.

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

DOCKET COPY
Surname:
Anderson
Houk
Selfridge

OCT 18 1956

Mr. Norman J. Dunbeck, Vice President
International Minerals and Chemical Corporation
20 North Wacker Drive
Chicago, 6, Illinois

Re: Docket No. DMEA-3860-mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

Dear Mr. Dunbeck:

Transmitted herewith for your information is a copy of the certification of discovery or development issued as a result of the exploration program under the above-referenced contract.

The property as set forth in the contract is the same property referred to in the Owner's Consent to Lien, dated June 7, 1955, and signed by Norman J. Dunbeck, Vice President, International Minerals and Chemical Corporation of Chicago, Illinois.

Also enclosed is a copy of our letter to Mr. Ed Boone of Spruce Pine, North Carolina.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosures: 2

WCAnderson:ms 10/18/56
Copy to: Docket
Operating Committee
Mr. Johnson
Mr. Chambers
Field Team, Region V

Mr. Kiilsgaard, 5222
Mr. Lamb, 3649
Mr. Houk
Mr. Anderson
Admr. R. File
Certification File

R.S.L.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1000 POST OFFICE BLDG.
WASHINGTON 25, D.C.
KNOXVILLE 2, TENN.

RECEIVED
OCT 22 1956

October 18, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Certification, DMEA-3860, Idm-E865-Mica.
Ed Boone, Spruce Pine, N.C. Goog Rock Mine,
Yancey County, North Carolina

Copies of the certificate of discovery and related correspondence were received today.

The distribution list shown on the carbon copies does not indicate that a copy was sent to the land owner. It is therefore suggested that copies of the certification and the letter to the Operator be sent to Mr. Norman J. Dunbeck, Vice President, International Minerals & Chemical Corporation, 20 North Wacker Drive, Chicago 6, Illinois.

In this case, the owner is also the principal purchaser of the output and it is possible that, within the 10-year royalty period, the owner might mine feldspar on this property for its own use.

Robert A. Laurence

Robert A. Laurence

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

Indritz 10/10/56
Chambers
Mittendorf
Kilsgaard
Lamb
Selfridge

OCT 12 1956

Mr. Ed Boone

Spruce Pine, North Carolina

Re: Docket No. DMEA-3860 (Mica)
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-8865

Dear Mr. Boone:

Transmitted herewith is a certification of discovery or development under Contract No. Idm-8865 on the Goog Rock Mine, Yancey County, North Carolina.

By the terms of the Exploration Project Contract and of the certification, all minerals mined or produced from August 30, 1955, to August 30, 1965, are subject to the Government's percentage royalty as set forth in the contract until the sum of $8,205.00 is repaid to the Government.

You should continue to make royalty payments to Mr. Robert A. Laurence, Executive Officer, DMEA 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 royalties from the amount due on each shipment and forward the checks 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. Mittendorf

Administrator

Enclosure

Mr. Anderson
Certification file
R. P. Boyer
P. Indritz

Mr. Chambers
Field Team, Reg. V (2)
Mr. Kilsgaard, 5222
Mr. Lamb, 3649
Mr. Houk

Mr. Anderson/Pindritz/end 10/9/56
Copy to: Adm. R. File
Docket
Operating Committee
Mr. Johnson

Docket Copy
Surname:
Anderson
Houk
Chambers
Killgoore
Lamb
Selfridge

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

600

Mr. Ed Boone

Spruce Pine, North Carolina

Re: Docket No. DMEA-3860-Mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

Dear Mr. Boone:

Transmitted herewith is a certification of discovery or development under Contract No. Idm-E865 on the Goog Rock Mine, Yancey County, North Carolina.

By the terms of the Exploration Project Contract and of the certification, all production from the date of the Exploration Project Contract, August 30, 1955, is subject to the Government's percentage royalty as set forth in the contract until the sum of $8,205.00 is paid or until August 30, 1965, whichever occurs first.

You should continue to make royalty payments to Mr. Robert A. Laurence, Executive Officer, DMEA 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 royalties from the amount due on each shipment and forward the checks 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.

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Sincerely yours,

Administrator

Enclosure

WAnderson:gad 10/8/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Johnson
Mr. Chambers

Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Lamb, 3649
Mr. Houk
Mr. Anderson
Certification File

cw

IN REPLY REFER TO:

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

RECEIVED
OCT - 9 1956

October 8, 1956

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: T. H. Kiilsgaard, U. S. Geological Survey

Subject: Review of letter from Field Team recommending certification of contract, Docket DMEA 3860, Goog Rock mine, Yancey County, North Carolina

At the conclusion of work on the cited property the Field Team recommended that no certification of discovery or development be issued to the Operator since the exploration project failed to find any significant amount of mica. Since completing the project, however, the Operator has extended the workings driven by DMEA and has found and mined considerable amounts of mica and feldspar from which royalty has been paid to the Government.

In a recent trip to the property, field examiners found that the feldspar and mica being mined had been made accessible through the DMEA workings. They furthermore note there is a considerable quantity of these minerals remaining to be mined and therefore have reversed their previous recommendations and now recommend the project be certified.

I concur with the Field Team recommendations. The property has benefited from DMEA work to the extent that mineable ore has been made accessible from DMEA workings. This ore should pay royalty to the Government so long as contract terms apply to the property or until the amount of money spent by the Government in development of the mine has been repaid.

T. H. Kiilsgaard

T. H. Kiilsgaard

cw

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

RECEIVED
OCT - 5 1956

October 5, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief
Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3860 (mica)

Applicant: E. Boone

Name and Location of Property: Goog Rock Mine, Yancey County, N. C.

Contract Number: Idm-E 865

Date of Field Team Report: 9/4/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 9/4/56

Field Team Recommendation: Recommend certification of discovery, chiefly on basis of feldspar reserves.

Comments:

1. Development and mining since completion of DMEA exploration contract has disclosed considerable tonnages of feldspar and lesser quantities of mica.

2. The mine is now operating on a commercial basis.

Recommendation:

I concur with the field team's recommendation for certification of discovery.

W. F. Dietrich

W. F. Dietrich

Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
OCT - 4 1956

October 4, 1956

Air Mail
Special Delivery

Memorandum

To: Operating Committee, DMEA, Washington, D. C.

From: Field Team, DMEA, Region V, Knoxville, Tennessee

Subject: DMEA-3860, Idm-E865 (Mica)
Ed Boone, Spruce Pine, North Carolina
Goog Rock Mine, Yancey County, North Carolina

Reference is made to your letter of September 28:

After revisiting this mine recently, Mr. Bergman and Mr. Shirley report that development and mining since completion of the contract work has considerably changed the picture. The Operator has stoped up to the old open cut, and is preparing for a considerable production of feldspar. Mica will continue to be the minor product, and most of it will be non-strategic.

In the time available, we cannot give a revised reserve figure, except to say that the figures given in the May and June reports are much too small. Also, it is clear that the Operator could not be doing the present work, if the work under the DMEA contract had not been done.

Therefore, we now recommend that this project be certified as a discovery, chiefly on the basis of feldspar reserves.

Robert A. Laurence
Robert A. Laurence
Executive Officer

Wm. A. Beck
Wm. A. Beck for V. J. Lynch
Member, Bureau of Mines

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

600

DOCKET COPY
Surname:
Anderson
Hopkins
Champion
Selfridge
Mittendorf

Mr. Robert A. Lawrence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Building
Knoxville, 2, Tennessee

Re: Docket No. DMEA-3860-mica
Ed Boone
Geog Rock Mine
Yancey County, North Carolina
Contract No. I4m-E365

Dear Mr. Lawrence:

Reference is made to the subject contract which was completed on March 8, 1956, and which the Field Team recommended not be certified.

Sales from this mine since contract completion amount to $2,884.11 worth of mica and $4,418.54 worth of feldspar. In their final report dated May 24, 1956, the Field Team stated that the value of production during the project was nil. In a supplementary report dated June 29, 1956, they estimated mica reserves at $1,535.00 and feldspar at $3,600.00. Has work at this mine since completion of the DMEA project developed sufficient mineral reserves to warrant certification? The situation here appears to be similar to that of the Duke Mine (DMEA-3945, I4m-E886), concerning which we wrote you a letter on September 20, 1956, giving our suggestions as to criteria to be used in determining a significant discovery with respect to making a recommendation on certification.

We will appreciate receiving a report on the status of this project before expiration of the time within which certification may be made, which is October 19, 1956.

Sincerely yours,

Approved:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

George C. Selfridge
Chairman, Operating Committee

WCAnderson:ms 9/28/56
Copy to: Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1025 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
SEP 24 1956

September 20, 1956

Memorandum

To: Finance Office - Region V

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty Payment - Idm-E865, DMEA-3860 -Mica
Ed Boone, Spruce Pine, N.C. Good Rock Mine

Transmitted are bills-of-sale fpr mica from the subject mine in the amount of $2,884.11 at 5% royalty; bills-of-sale for feldspar in the amount of $4,418.54 at 1 1/2% royalty. A royalty check-No.223, in the amount of $210.47 represents royalty on the feldspar and mica.

Robert A. Laurence

ZM;
Lynch
Mittendorf
Shirley
Files

DMEA-3860

361.80
308.38
470.63
33.63
415.98
132.09
268.34
893.26

Mica 2,884.11
.45
1442.055

2 of 10

8-18-56, 195

Bought of Ede Boone
Spruce Pine N.C.

Name of Mine Gees Rock Located Yancy County

Lbs.	Oz.	Class	Price		Total	
		Refuse—#1				
		" #2				
		" #3				
		Punch—Large				
		" Small				
		1½ x 2				
		2 x 2				
		2 x 3				
		3 x 3				
		3 x 4				
		3 x 5				
		4 x 6				
		6 x 8			361.80	
3,618		Black Punch		10	361.80	

Quality Black
Sacks 48
Boxes
Bbls.

Total $ 361.80
Less 361.80
Draft/Check 361.80

ASHEVILLE MICA CO., Buyer.
By Carter Burlson

The undersigned hereby certifies that in the production of the Mica covered by this bill they have complied with the Fair Labor Standards Act of 1938 and indemnify and hold harmless the Asheville Mica Co. against any claim thereunder.

(Seller)

INLAND 70124

PURCHASE RECORD

PLUMTREE, N. C. 7/13 19 56

THE TAR HEEL MICA COMPANY

BOUGHT OF Ed Boone

QUALITY Box 216 Spruce Pine

NAME OF MINE Dog Rock LOCATED

LBS.	OZ.		PRICE			
		PUNCH — LARGE				
8		PUNCH — SMALL	07		.56	
69	8	1½ x 2	.60		41	70
90	8	2 x 2	.90		81	45
63	12	2 x 3	1	25	79	69
35		3 x 3	1	60	56	00
22		3 x 4	1	80	39	60
37	8	3 x 5	2	10	78	75
24	8	4 x 6	2	60	63	70
8		4x8	3	10	24	80
1	4	8x10	3	50	4	38
357						
		Total . . . $			470	63

PURCHASE RECORD

PLUMTREE, N. C. Aug 29 19 56

THE TAR HEEL MICA COMPANY

BOUGHT OF Ed Boone

QUALITY B S

NAME OF MINE Gouge Rock LOCATED Box 216 Spruce Pine N C

LBS.	OZ.		PRICE			
34		PUNCH — LARGE		20	6	80
		PUNCH — SMALL				
73		1½ x 2		60	43	80
80	8	2 x 2		90	72	45
61	8	2 x 3		1.25	76	88
24	8	3 x 3		1.60	39	20
9	12	3 x 4		1.80	17	55
17	8	3 x 5		2.10	36	75
5	12	4 x 6		2.60	14	95
303						
		Total . . . $			308	38

COPY

RECEIVED
SEP 24 1956

The Tar Heel Mica Co.
Plum Tree, N.C.

Bought fron 6-28-56
Ed Boone
Spruce Pine,N.C.

Goog Rock Mine

32 lbs Sheet Mica (Black) $ 33.63

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT

MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE PURCHASED: 8-7-56

ACCEPTANCE NO.: A 14-133(a)

CERTIFICATE AUTHORIZATION NO. KPS-4-1867A

LOT NO.: SP A14-133(a)

VOUCHER NO.:

	TOTAL WGT (LBS)	LBS. - G. S.	LBS. - STAINED	LBS. - DY. STAINED	TOTAL VALUE
PROCESSED FOR PAYMENT	[illegible]	24.77	55.32	30.78	1085.56
PROCESSED - NO PAYMENT					
THINS	.37				
BLACK - DOTS SPOTS STAIN					
UNDERSIZED					
PROCESS - [illegible] LOSS	.20				
TOTAL LBS. PURCHASED	89.44				

FOR USE OF CERTIFYING OFFICER

LESS: INITIAL PAYMENT - VOUCHER NO. SCH. NO. 669.60

BALANCE DUE COVERNMENT [ ] SELLER [X] 415.96

SELLER'S NAME AND ADDRESS

Gem Rock Mining Company
Box 816
Spruce Pine, N. C.

NAME OF MINE AND LOCATION

Gem Rock

APPROVED 8-24-56

DEPOT SUPERINTENDENT

SEP 24 1956

RECEIVED
SEP 24 1956

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT

MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE PURCHASED: 6-19-56

ACCEPTANCE NO.: A04-1087 (a)

CERTIFICATE AUTHORIZATION NO.: EPS-4-322A

LOT NO.: SP A0-1087 (a)

VOUCHER NO:

	TOTAL WGT (LBS)	LBS. - G. S.	LBS. - STAINED	LBS. - HY. STAINED	TOTAL VALUE
PROCESSED FOR PAYMENT	29.46	12.07	10.40	[illegible] 6.99	409.45
PROCESSED - NO PAYMENT					
THINS	.51				
BLACK - DOTS SPOTS STAIN					
UNDERSIZED					
PROCESS - [illegible] LOSS	.09				
TOTAL LBS. PURCHASED	30.06				

FOR USE OF CERTIFYING OFFICER

LESS: INITIAL PAYMENT - VOUCHER NO. 55 SCH. NO. 413 — 288.34

BALANCE DUE — GOVERNMENT [ ] SELLER [X] — 122.09

SELLER'S NAME AND ADDRESS

Burdette Thomas
Spruce Pine, N. C.

NAME OF MINE AND LOCATION

Gooy Rock Mine

APPROVED

[illegible]T SUPERINTENDENT — DATE 7-16-56

Form R4-[illegible], May 1956

RECEIVED
SEP 24 1956

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 6-19-56 ACCEPTANCE NO. A04-[redacted]
CERTIFICATE AUTHORIZATION NO. EPS-4-322A	LOT NO. SP A0-[redacted]	VOUCHER NO.
RUBY ☐ NON-RUBY ☒	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	30.06	268.34

This lot of mica, weight above indicated, is accepted for the Government subject to all pertinent regulations and laws governing the domestic mica procurement program.

GENERAL SERVICES ADMINISTRATION

BY [redacted] Ed S. Burleson

SIGNATURE

BUYER

FOR USE BY GSA ONLY

The undersigned warrants that this lot of mica, weight above indicated, meets the requirements of all applicable regulations and laws governing the mica program. Further, the undersigned hereby sells this lot of mica to the Government subject to all laws and regulations governing the purchase of mica by the Government and agrees to accept the processing results as valid and correct and to refund unconditionally any overpayment with the understanding that any underpayment will be made by the Government upon completion of the processing of this mica. This invoice is correct and just and payment therefor has not been received.

NAME AND LOCATION OF MINE

Goog Rock Mine

SELLER	DATE
Burdette Thomas	6-19-56
ADDRESS Spruce Pine, N. C.	
BY	TITLE Owner

Form R4-T35, May 1956

RECEIVED
SEP 24 1956

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 8-7-56 ACCEPTANCE NO. A06[redacted]
CERTIFICATE AUTHORIZATION NO. EPS-4-1887A	LOT NO. SP A0[redacted]	VOUCHER NO.
RUBY [ ] NON-RUBY [X]	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	89.44	$69.90

This lot of mica, weight above indicated, is accepted for the Government subject to all pertinent regulations and laws governing the domestic mica procurement program.

GENERAL SERVICES ADMINISTRATION

BY
Ed S. Burleson

SIGNATURE

BUYER

FOR USE BY GSA ONLY

The undersigned warrants that this lot of mica, weight above indicated, meets the requirements of all applicable regulations and laws governing the mica program. Further, the undersigned hereby sells this lot of mica to the Government subject to all laws and regulations governing the purchase of mica by the Government and agrees to accept the processing results as valid and correct and to refund unconditionally any overpayment with the understanding that any underpayment will be made by the Government upon completion of the processing of this mica. This invoice is correct and just and payment therefor has not been received.

NAME AND LOCATION OF MINE
Geog Rock

SELLER	DATE
Geog Rock Mining Company	8-7-56
ADDRESS Box 216, Spruce Pine, N. C.	
BY	TITLE Partner

Form R4-T35, May 1956

Mica sold to:

		Lbs.	
8-4-56	The English Mica Co.	2640 @ $30/ton	39.60
8-18-56	" " " "	3215 @ $30/ton	48.23
7-13-56	" " " "	2635 @ $30/ton	39.53
7-6-56	" " " "	2820 @ $30/ton	42.30
7-27-56	" " " "	3580 @ $30/ton	53.70
		Total	$893.26
			893.26

RECEIVED
SEP 24 1956

PLANT No.

REMITTANCE INFORM.

Consolidated Feldspar Department

VOUCHER No.

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION

DATE August 31 1956

TO: Goog Rock Mining Co.

Spruce Pine, N. C.

FELDSPAR DELIVERED TO KONA:

GOOG ROCK-Company Prop.

Date	Ticket No.	Tons		Amount
8-20-56	4692	8.705	@ $7.75	$ 67.46
8-20-56	4693	8.259		64.01
8-20-56	4696	8.728		67.64
8-20-56	4697	9.018		69.89
8-20-56	4699	9.174		71.10
8-21-56	4705	9.018		69.89
8-21-56	4706	8.638		66.94
8-21-56	4708	8.214		63.66
8-22-56	4713	8.371		64.88
8-22-56	4715	8.906		69.02
8-24-56	4730	8.170		63.32
8-24-56	4734	9.129		70.75
8-24-56	4740	8.862		68.68
8-25-56	4746	8.013		62.10
8-25-56	4747	8.795		68.16
8-25-56	4748	9.621		74.56
8-25-56	4749	8.973		69.54
8-25-56	4750	8.058		62.45
8-25-56	4751	8.058		62.45
8-25-56	4752	8.929		69.20
8-28-56	4759	9.442		73.18
8-30-56	4773	9.896		71.27
8-30-56	4777	9.018		69.89
8-30-56	4779	9.888		76.63
8-30-56	4783	9.531		73.87
8-30-56	4784	9.308		72.14
8-30-56	4787	9.487		73.[illegible]
		239.509		$ 1,856.20
		Less 50¢ per ton royalty.....		- 119.75
				$ 1,736.45

Check No. 1580
8-31-56

CHG: 160162-6258-0101 - $1,736.45

RECEIVED
SEP 24 1956

REMITTANCE INFORMATION

International Minerals Chemicals

PLANT No.

Consolidated Feldspar Department

VOUCHER No.

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION

DATE July 31 1956

TO: Goog Rock Mining Co.

Spruce Pine, N. C.

FELDSPAR DELIVERED TO KONA: GOOG ROCK PROP.

Date	Ticket No.	Tons		Amount
7-28-56	4526	5.893	@ $7.75	$ 45.67
7-30-56	4530	7.433		57.61
7-30-56	4531	8.237		63.84
7-31-56	4539	7.165		55.53
7-31-56	4541	7.121		55.19
		35.849		
		Less 50¢ per ton royalty		
				$ 259.92

Haul Bill 2868

Check No. 1428
7-31-56

CHG: 6258-3183-0101 - $259.92

ACCEPTANCE INFORMATION

PLANT No.

Consolidated Feldspar Department

VOUCHER No.

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION

DATE August 16 1956

TO: Goog Rock Mining Co.

Spruce Pine, N. C.

RECEIVED
SEP 24 1956

FELDSPAR DELIVERED TO KONA: GOOG ROCK PROPERTY

Date	Ticket No.	Tons		Amount
8-1-56	4542	6.652	@ $7.75	$ 51.55
8-1-56	4546	7.946		61.58
8-1-56	4549	6.942		53.80
8-1-56	4551	6.741		52.24
8-1-56	4554	7.009		54.32
8-2-56	4558	8.371		64.88
8-2-56	4561	9.107		70.58
8-2-56	4564	8.482		65.74
8-2-56	4568	8.638		66.94
8-6-56	4582	8.839		68.50
8-6-56	4585	9.085		70.41
8-6-56	4587	9.174		71.10
8-6-56	4590	8.906		69.02
8-7-56	4592	8.549		66.25
8-7-56	4597	8.928		69.20
8-7-56	4599	8.951		69.37
8-7-56	4604	9.241		71.62
8-7-56	4607	8.661		67.12
8-8-56	4619	8.259		64.01
8-9-56	4621	8.839		68.50
8-9-56	4625	9.018		69.89
8-9-56	4628	9.375		72.66
8-9-56	4630	8.549		66.25
8-9-56	4634	8.839		68.50
8-10-56	4643	8.884		68.85
8-10-56	4647	9.018		69.89
8-10-56	4649	8.951		69.37
8-13-56	4651	9.464		73.35
8-13-56	4655	9.420		73.00
8-13-56	4658	9.777		75.77
8-15-56	4666	9.129		70.75
8-15-56	4669	9.687		75.07
8-15-56	4670	8.415		65.22
8-15-56	4674	8.929		69.20
		294.775		$ 2,284.50
		Less 50¢ per ton royalty		147.39
				$ 2,137.11

160162-6258-0101 - $2,137.11

CHG:

Check No. 1501
8-16-56

RECEIVED
SEP 24 1956

Spruce Pine, N.C.
July 7, 1956

Mr. Robert A. Lawrence
D.M.E.A. Region V
Room 13, Post Office Building
Knoxville, Tenn.

Re. DMEA #3860 Idm-E 865 (Mica)

Dear Mr Lawrence,

I am enclosing a check for $210.47 along with the sales slips of mica and feldspar fron the Goog Rock Mine.

I have figured the mica at five precent and the feldspar at one and ona half precent.

Yours Truly

Ed Boone

RECEIVED
SEP 2 1956
Knoxville, Tenn.

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

Memorandum

To: Mr. C. O. Mittendorf, Administrator

From: L. G. Houk, Chief
Nonmetallic Minerals Division

Subject: Non-certification - Docket No. DMEA-3860-mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

Attached hereto is the project summary report on the completed subject contract, containing our justification for concurring in the Field Team's recommendation that no further work is warranted and that the project should not be certified.

The time within which certification may be made does not lapse until October 23, 1956. A closing letter will not be written until after that date.

Walter C. Anderson
Walter C. Anderson
Nonmetallic Minerals Division

IN REPLY REFER TO:

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

RECEIVED
JUL 5 - 1956

July 3, 1956

Re: DMEA 3860, Idm-E865
Ed. Boone
Goog Rock Mine
Yancey Co., N. C.
Approved $10,940.00
Expended 10,940.00
Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team Final report.

The contract approved the expenditure of $10,940 for extending an incompleted incline under an old stope of a feldspar mine but in the side of which stope is a reported "mica column".

The map with the Final Report does not agree with the map used in the examination report, in that the "start of the new incline" is about 40 feet short of the supposed face of the incline. The 7-10 foot pegmatite cut in the incline does not correlate well with the 20-foot pegmatite, shown in the stope map, but probably is the target pegmatite. Where cut the pegmatite lacks the mica column.

The money seems to have run out before the column could be searched for on both sides of the incline. If actually present and section A-A' of the examination map is reasonably correct the ridge and lower roll axes are probably to northeast at the elevation of the incline or below it and the 37-foot drift should have been driven that way instead of to the southwest.

If the incline has drained the stope and the operator is still inclined to search for the ridge and roll beneath the stope the almost pinpoint objective of the work might still be met by the expenditure of another $2,000. In case the operator has had survey and good maps made which support the possibility, I recommend an amendment providing for a short drift to the northeast and probably a certification. If the operator is still at work a decision as to a certification should be postponed pending another inspection.

N. E. Nelson

N. E. Nelson

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

RECEIVED
JUL 2 - 1956

June 29, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tennessee

Subject: DMEA-3860, Idm-E865(mica) Ed Boone, Spruce Pine, N. C.
Good Rock Mine, Yancey County, N. C.

Reference is made to your letter of June 12.

We doubt if the feldspar of the Good Rock pegmatite can be considered commercial under present conditions, although the old open cuts did yield a lot of commercial feldspar in previous operations. Figuring 30%, by volume, of the indicated pegmatite to be plagioclase feldspar, there is about 400 tons of feldspar between the incline and the old workings.

Punch and scrap mica in the same pegmatite, are estimated at 12,110 and 28,255 lbs respectively, based upon estimated recovery obtained from current operations. The Operator is currently stoping on the pegmatite, throwing the feldspar on the dump, and recovering some non-strategic mica. With no strategic mica, the deposit has little economic potential in our opinion.

Estimated value of the indicated reserves, based on current prices is:

Feldspar	400 tons @ $9.00	$3,600
Punch mica	12,110 lbs @ 0.10	1,211
Scrap mica	28,255 lbs @ 0.015	324.00
		5,135.00

On this basis, anticipated royalties would be less than $250 and certification does not seem justified, even though the Operator is now working in a pegmatite discovered by the project.

Robert A. Laurence

Robert A. Laurence, Executive Officer
DMEA Field Team, Region V

V. J. Lynch

V. J. Lynch, Member
Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1037 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
JUN 20 1956

June 18, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region V- Knoxville

Subject: DMEA-3860, Idm-E865 (mica) Goog Rock Mine, Yancey County, N.C.

Enclosed are copies of a letter from Mr. Ed Boone, requesting an amendment to the subject contract, and our reply to Mr. Boone.

It is obvious why we cannot recommend an amendment as suggested by Mr. Boone.

V. J. Lynch

V. J. Lynch

June 18, 1956

RECEIVED
JUN 20 1956

Mr. Ed Boone

Spruce Pine, North Carolina

Re: DMEA-3860, Idn-X865 (mica)
Gong Rock Mine, Yancey County, N. C.

Dear Mr. Boone:

Reference is made to your letter of June 13, requesting an amendment to the subject contract to permit stoping of the pegmatite from the present operation up to the old works, a distance of about 55 feet.

The DMEA program provides financial assistance for exploration work only. No provision is made to assist in development work or actual mining operations. Stoping is a mining operation and could not in any way be classified as exploration work.

We regret to advise you that we cannot recommend an amendment to cover stoping operations.

Very truly yours,

V. J. Lynch, Acting
Executive Officer, DMEA
Region V

VJL/sm
cc:
Opr. Com.-3
Lynch
Shirley
Files

RECEIVED
JUN 20 1956

Spruce Pine, North Carolina
June 13, 1956

Mr. Robert A. Laurence, Executive Officer
D. M. E. A., Region V
Room 13, Post Office Building
Knoxville, Tennessee

Re: DMEA-3360, IdnE 865 (Mica)
Goog Rock Mine, Amendment

Dear Mr. Laurence:

We have not heard from you regarding our request for an amendment to the above contract, and we would like to request a separate amendment for your consideration.

A new and recent survey shows that our best bet would be to stope upward from our present operation a distance of about 55' to the old works. We request an amendment to cover this stoping operation, since it would be considerably less expensive than the work we originally planned to do. It is our firm belief that this additional work would justify itself in production of good quality mica. The field team has seen our operation recently and will be able to furnish any information you may desire.

We will appreciate hearing from you regarding such an amendment in the immediate future.

Very truly yours,

Ed Boone

Ed Boone

B/mb

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13 POST OFFICE BLDG
KNOXVILLE 2, TENN.

RECEIVED
JUN 18 1956

June 14, 1956

Memorandum

To: Operating Committee, DMEA, Washington, D. C.

From: Field Team, DMEA, Region V, Knoxville, Tennessee

Subject: DMEA-3860, Idm-E865 (Mica)
Ed Boone, Spruce Pine, North Carolina
Goog Rock Mine, Yancey County, North Carolina

Reference is made to your letter of June 12:

At present we have insufficient quantitative data on the mica and feldspar content of the pegmatite to make an estimate. We have asked the field examiners to obtain this information on their next trip to Spruce Pine, and will report it to you when we receive it.

Although considerable mica can probably be recovered, it has appeared doubtful that either the mica or feldspar would be of commercial quality. The Operator is continuing to work, at his own expense, and we will try to learn what he has recovered and what, if any, sales have been made. The mica is not acceptable to the Government depot. There is no doubt that a pegmatite containing mica and feldspar has been intersected by the work of this contract, but there is considerable doubt whether it is of any economic value. A reserve estimate will be submitted as soon as it can be compiled.

Robert A. Laurence
Robert A. Laurence
Executive Officer

V. J. Lynch
V. J. Lynch
Member, Bureau of Mines

Docket Copy
Surname:
Anderson
Houk
Martin
Johnson
Whitehouse

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

JUN 12 1956

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Docket No. DMEA-3860 - Mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-2865

Dear Mr. Laurence:

Reference is made to the Final Field Team Report, dated May 24, 1956, on the subject property.

We note that the project work discovered some non-strategic mica and that there is a potential feldspar production. Therefore, in order that the record on the project may be complete we would appreciate having your estimate on the tonnage and value of reserves of non-strategic mica and feldspar.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (JHB)

Approved:

P. F. Yopes (JHB)
Member, Bureau of Mines

Thor H. Kiilsgaard (JHB)
Member, Geological Survey

LGHouk:gad 6/11/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.L.

Docket Copy
Surname: Anderson
Houk

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

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Docket No. DMEA-3860 - Mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

Dear Mr. Laurence:

Reference is made to the Final Field Team Report, dated May 24, 1956, on the subject property.

Please comment on the tonnage and value of the reserves of non-strategic mica and feldspar resulting from the project work. Can a certification of development be justified?

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

LGHouk:gad 6/7/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Received
6-11-56

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

RECEIVED
JUN - 7 1956

June 6, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief
Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3860 (mica)

Applicant: Ed Boone

Name and Location of Property: Goog Rock Mine, Yancey Co., N. C.

Contract Number: Idm-E 865

Date of Field Team Report: 5/24/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 6/4/56

Field Team Recommendation: Recommend no certification of discovery and disapproval of contract extension.

Comments:

1. No strategic grade mica was encountered in 295 feet of incline and drift.

2. Heavily stained, flat "A" muscovite was encountered in a 15 inch zone.

3. Sufficient work has been done to indicate the pegmatite is not suitable for producing large quantities of strategic mica.

4. Expenditures -

Total approved	$10,940.00
Total cost	10,940.00
Gov't. share of the cost	8,205.00
Value of production during operation	N O N E

Recommendation: I concur with the field team's recommendation.

W. F. Dietrich

W. F. Dietrich

June 5, 1956

Summary of Operator's Monthly Reports

Docket No. DMEA-3860 - Mica
Ed Boone
The Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

9/19/55	Work began on September 27, 1955. Total of 40 hrs. work with bulldozer, finished road.
10/1955	Mine pumped out, muck cleaned out. Toolhouse, and powder and exploder magazine built. Machinery set up. 10 feet of drift advanced.
11/1955	Drift advanced 30 ft.
12/1955	Drift advanced 35 ft. for a total footage of 75 ft. Put on another shift.
1/1956	Drift advanced 82 ft. Two shifts.
2/1956	Advanced incline crosscut 53 ft. -- total 210 ft. Drifted 37 ft. in pegmatite (not main pegmatite). Will crosscut to find main pegmatite.
3/1956	Incline crosscut advanced 13 ft. total 223 ft.; drifted 37 ft. in pegmatite; grand total 260 ft.

Note: No production of mica mentioned.

DEFENSE MINERALS ADMINISTRATION

97023

PRODUCTION EXPANSION DIVISION

PROCUREMENT APPLICATIONS

Name of Company and Address _____

Name of Mine and Location _____

Docket No. DMA - _____ Date received by P.E.D. _____

Metals or Minerals involved _____

Length of Contract (preproduction plus production) _____

Amount of Metals or Minerals in tons, units or pounds _____

Floor price or Guaranteed price and whether or not escalated _____

Maximum Government Commitment _____

Comments on Contract: _____

_____

_____

_____

_____

_____

Date sent to Legal Division _____

Date of Recommendation to D.P.A. for Certification _____

Date Certification sent to G.S.A. by D.P.A. _____

Date signed into Contract by G.S.A. _____

Additional Remarks: _____

_____

_____

_____

_____

NOTE: If application is denied, or if it is recommended for change into exploration, etc., please state under additional remarks.

Interior—Duplicating Section, Washington, D. C.

Signed _____

June 5, 1956

Summary of Interim Reports

Docket No. DMEA-3860 - Mica
Ed Boone
The Goog Rock Mine
Yancey County, North Carolina
Contract No. Idm-E865

10/19/55 Work began September 26, 1955. Access road completed requiring additional time. Equipment moved in. Timber for portal reconditioning on the job.

11/2/55 Incline sinking now at 10 ft. Existing incline dewatered. Handling muck. Encountered biotite gneiss containing pegmatite pods and biotite film. The incline is crosscutting. Combination toolhouse-workshop completed.

11/16/55 Incline sinking continues. Material biotite gneiss country rock. No one at mine.

11/30/55 Incline 42 ft. Encountered biotite gneiss containing stringers of pegmatite 2 ft. thick. Small mica recovered, ruby and clear and flat. Power line being run.

12/14/55 Incline 47 ft. In crosscutting occasional pegmatite stringer and pegmatite-country rock encountered. Near present face cut a pegmatite 5 ft. thick.

1/5/56 Incline now 75 ft. Crosscutting incline in hard rock (biotite gneiss) with pegmatite 7 ft. thick. Incline cross-section 7x7. A 7 ft. pegmatite-migmatite intercepted composed of flesh-colored feldspar, quartz, epidote and small muscovite mica. A 6 ft. water hole sunk in incline floor to catch seepage from portal.

1/18/56 Incline totals 121 ft. Crosscuts foliation of country rock, biotite gneiss and occasional pegmatite-country rock. Pegmatite exposed for distance of 5 to 7 ft. Primarily feldspathic, some quartz and occasional blocks muscovite mica.

1/30/56 New incline totals 146 ft. Breakdown of hoist for 4 or 5 days, it is now ok. Dragline mucking very effective. Heading in contorted biotite gneiss with considerable migmatite. In feldspathic pegmatite from 111 to 118 ft. numerous inclusions of country rock and an occasional small flat book of ruby muscovite. Continuing heading to 160 ft. and if not in pegmatite was advised to stop and put in longest test hole possible. Target anticipated before next visit.

2/15/56 Advanced 54 ft. in past two weeks total of 200 ft. From 155 to 166 ft. in pegmatite. Target started in heading at 193 ft. containing large quartz core and heavy stained flat "A" muscovite. Will continue incline thru pegmatite then drift with pegmatite.

DEFENSE MINERALS ADMINISTRATION

97023

PRODUCTION EXPANSION DIVISION

PROCUREMENT APPLICATIONS

Name of Company and Address _____

Name of Mine and Location _____

Docket No. DMA - _____ Date received by P.E.D. _____

Metals or Minerals involved _____

Length of Contract (preproduction plus production) _____

Amount of Metals or Minerals in tons, units or pounds _____

Floor price or Guaranteed price and whether or not escalated _____

Maximum Government Commitment _____

Comments on Contract: _____

_____

_____

_____

_____

_____

Date sent to Legal Division _____

Date of Recommendation to D.P.A. for Certification _____

Date Certification sent to G.S.A. by D.P.A. _____

Date signed into Contract by G.S.A. _____

Additional Remarks: _____

_____

_____

_____

_____

NOTE: If application is denied, or if it is recommended for change into exploration, etc., please state under additional remarks.

Interior—Duplicating Section, Washington, D. C.

Signed _____

2/29/56 Incline heading at 210 ft. last 17 ft. crosscutting pegmatite. Drifting along west wall to southwest totals 37 ft. Pegmatite from 7 to 10 ft. with 3½ ft. quartz core. Flat "A" heavy stained exceptionally large books up to 15 inches. Operator instructed to discontinue drifting to southwest and extend incline heading for remaining 13 ft. of contract. From this point drill horizontal hole straight ahead hoping to cut second pegmatite exposed by old mine workings.

3/14/56 Incline heading 258 ft. - total 295 ft. of incline, crosscut or drift. Contract called for 260 ft. Operator plans to continue hoping to intersect second pegmatite to southwest. Contract complete. Incline cut several pegmatites, target crossing at 200 ft., 7 to 10 ft. width with 3½ ft. quartz core. Muscovite plentiful. Some books 15 inches in diameter, flat "A" generally heavy stained.

4/13/56 Memo to Operating Committee, dated April 13, 1956, forwarding letter request from Operator for an amendment for 150 ft. of additional drift or crosscut at $40.00/ft., and suggesting no action be taken until receipt of survey mentioned in Operator's letter. Also copy of letter from Region V to the Operator stating they are forwarding the request to Washington for consideration and requesting a survey.

4/19/56 Memo to Operating Committee transmitting Operator's two maps as his final report.

5/24/56 Final Field Team Report states no reserves of strategic muscovite indicated or inferred. Fair feldspar mixed with quartz. The report states under "Muscovite and Reserves" that "Mica recovered in the 37-ft. drift was about 95% very heavily stained and, large, up to 12 inches wide."....."Reserves" no reserves of strategic muscovite can be indicated or inferred."

DEFENSE MINERALS ADMINISTRATION

97023

PRODUCTION EXPANSION DIVISION

PROCUREMENT APPLICATIONS

Name of Company and Address _____

Name of Mine and Location _____

Docket No. DMA - _____ Date received by P.E.D. _____

Metals or Minerals involved _____

Length of Contract (preproduction plus production) _____

Amount of Metals or Minerals in tons, units or pounds _____

Floor price or Guaranteed price and whether or not escalated _____

Maximum Government Commitment _____

Comments on Contract: _____

_____

_____

_____

_____

_____

Date sent to Legal Division _____

Date of Recommendation to D.P.A. for Certification _____

Date Certification sent to G.S.A. by D.P.A. _____

Date signed into Contract by G.S.A. _____

Additional Remarks: _____

_____

_____

_____

_____

NOTE: If application is denied, or if it is recommended for change into exploration, etc., please state under additional remarks.

Signed _____

Interior—Duplicating Section, Washington, D. C.

3860

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT

Date 6-5

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. Non-Utilities Division
6. Docket Control Mails and Files

Note comments in report regarding:

1. Requires Division Study
2.
3.
4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

Robert E. Adams

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

RECEIVED
MAY 28 1956

MAY 24 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region V - Knoxville, Tenn.

Subject: Field Team Final Report - DMEA-3860, Idm-E865 (mica)
Ed Boone, Spruce Pine, N. C. Goog Rock Mine,
Yancey County, N. C.

Enclosed are four copies of the subject report.

We agree with the examiners' conclusions and do not recommend certification. Although the work did discover some non-strategic mica and there is some potential feldspar production, it seems unlikely that enough production will result to justify the expense of carrying a certified project for 10 years.

The Operator is convinced that he has not yet cut the target pegmatite, and is extending the incline. We do not agree, nor do the Field Examiners, and therefore, we do not recommend the Amendment and additional money requested by the Operator.

Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA
Region V

V. J. Lynch
V. J. Lynch, Member
Field Team DMEA-Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
6-4-56
(date).

RECEIVED
MAY 28 1956

Final Edit Report

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
DMEA FIELD TEAM, REGION V

On

DMEA-3860, GOOG ROCK MINE (mica)
Yancey County, North Carolina

BY

A. R. Taylor, and S. C. Bergman, Geologists
U. S. Geological Survey

and

L. E. Shirley, and A. L. Peyton, Mining Engineers
U. S. Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
6-4-56
(date)

May 24, 1956

RECEIVED
MAY 28 1956

FINAL REPORT
On

DMEA-3860, Idm-E865, GOOG ROCK MINE
Yancey County, N. C. (mica)

Operator: Ed Boone, Spruce Pine, North Carolina

Summary

Exploration by means of a 258-ft incline and 37-ft drift has failed to discover significant reserves of strategic muscovite. A zoned pegmatite 7 to 10 feet thick, containing flat "A" heavily stained muscovite 15 inches wide, was intersected at the 193-ft point in the new portion of the incline. No reserves of strategic grade mica are indicated and no further exploration is warranted in the pegmatite cut through and drifted on. The Operator proposed an amendment to extend the incline in the hope of intercepting the "original target pegmatite." He has proposed to make a new survey at his expense in the old works. It is recommended that the mine not be certified as a discovery.

Introduction

Location. The Goog Rock Mine is 1.25 airline miles N 47° E. of Micaville, Yancey County, N. C. on the southern bank of the South Toe River. The portal of the incline is about 30 ft above the river level and 50 ft from the water's edge. (Micaville, N. C. TVA. Quadrangle, 1/24,000).

History

Two large, open cuts in unweathered material, exists upslope from the incline portal. The best muscovite, produced from the uppermost cut,

inspired the original incline below. The incline was extrapolated 318 ft S 42° E to go under the old workings.

Named after a Mr. Guggenheimer, the mine was worked in 1912 and 1914 by the Clinchfield Products Corporation, mostly for feldspar, although some mica was produced. It has been owned by the Consolidated Feldspar Corporation since 1916, and has been worked intermittently since (Exam. Report DMEA-3860, July 21, 1955)USGS Bull.936-A). Consolidated Feldspar is now a division of International Minerals and Chemical Corp.

Compentency of Operator

The Operator and his foreman, Junior Thomas, conducted an efficient project. Two shifts were worked each day throughout most of the project. Mr. Thomas installed a wide, scoop-like bucket to hoist muck, both in the incline and drift. He cooperated fully with the field engineers.

Work and Equipment

Work began on September 26, 1955, and was completed March 8, 1956. An incline was driven at a -18° Angle S 42° E from the starting point in the old incline for 193 ft where it interesected a large pegmatite, thence it continued at a -12° to 15° for 65 ft crosscutting the pegmatite and continuing in country rock. A drift was driven for 37 ft along the pegmatite's hanging wall to the SW from the 200 ft point. The Operator reports that he has cross-cut about 40 ft further (oral communication) without intersecting any other pegmatites. The total footage under the contract was 260 ft.

Equipment used consisted of a double-drum gasoline-powered hoist, a 105 c.f.m. air compressor, a 1 1/2 K.V.A. generator, an air blower with air-

line, and hand tools. A power line was installed by the Operator (at his own expense). Surface facilities included a tool and hoist house, powder and exploder magazines.

An access road, 2400 ft in length was built under the contract. No equipment was purchased under the contract.

Geology

Pegmatite and Country Rock

The Field Examiners Report (page 1, July 21, 1955) states that the "country rock is a hybrid variety of mica gneiss that has been termed migmatite in previous reports. It consists of lenses of quartz and feldspar 1 to 3 inches long separated by thin layers of mica. The parallel orientations of lenses give the rock a banded appearance and the cleavage of this rock is due to the parallel flakes of mica between the lenses. The mica layers bend around the lenses, hence the cleavage is not everywhere well developed. The strike of the layering ranges from N 45° E to N 60° E., the dip 60 to 80 degrees southeast. Near the large pegmatite bodies, especially in the tunnel, there are streaks and lenses of pegmatite in the country rock, and in places at least half the rock is pegmatite.

"The pegmatite is composed of oligoclase (Ab 75), gray and pink microcline, quartz, and mica with small amounts of thulite, calcite, and garnet. The garnet occurs as individual crystals and as masses intergrown with quartz. Biotite is common, especially in the small cuts north and east of the two larger cuts. Near the middle of the pegmatites are masses of gray quartz. The upper part of the eastern pegmatite is said to have

consisted chiefly of microcline, whereas the lower part was oligoclase rich."

The eastern pegmatite exposed for 400 ft ranged from 5 ft to 35 ft in thickness and was 140 ft in vertical dimensions. It plunges about 30° to the southwest.

"The western pegmatite is probably similar in shape and orientation. It average thickness is about 10 to 18 feet, and its maximum thickness, at the north end of the cut, is 30 feet."

F. Pegmatite Encountered under Contract

The pegmatite encountered at the 193 ft point in the new incline extension is 7 to 10 ft in width, has a 3 1/2 ft quartz core, strikes N 40° E and dips 70° SE on the footwall. It is composed of massive grey quartz surrounded by individual crystals of badly stained muscovite and feldspar (potash and soda). Some pink crystals, possibly thulite, occur sporadically in the feldspar zone.

Many smaller pegmatites were cut during the driving of the new incline. (see map) Stringers of pegmatite up to 2 feet in thickness in a contorted biotite gneiss-migmatite country rock occur throughout the incline. At the 47-ft point, in the new incline, a pegmatite 5 ft in thickness was encountered; at the 72-ft point a pegmatite-migmatite 7 ft thick containing flesh-colored feldspar (orthoclase), quartz; scattered epidote, and small muscovite was encountered; and at the 121-ft point a 7 ft thick pegmatite with an occasional ~~strike~~ block of ~~block~~ muscovite strikes (footwall contact) N 25° to 30° E and dips 68° SE. From 111 ft to 118 ft the incline was in a feldspathic pegmatite which trends N 25° - 30° E and dips 70° SE. It contains numerous inclusions of country rock and an occasional small flat book of ruby muscovite. An 11 ft wide (on floor of incline) pegmatite was cut between

the 155 and 166 ft points in the new works.

Muscovite and Reserves:

As pointed out in the Examination Report (p.2, July 21, 1955), the mica is rum in color with "A" structure and 60% to 70% stained. Mica recovered in the 37-ft drift was about 95% very heavily stained and, large, up to 12 inches wide.

The examination report states, " There appear to be two modes of occurrence of the mica. Along the east wall of the west cut (near the crosscut) are books of muscovite and biotite that occur in small lenses and fingers of pegmatite in the country rock. Some mica books appear near the bottom of the east wall of the east cut. The mica in these hanging-wall zones is not reeved, but books more than 3 inches across were observed. Much of this mica does not sheet well. Mica also occurs with quartz in a column that plunges southwest near the middle of the larger pegmatite. This is the zone from which most of the mica has been taken. The column cannot now be seen because the unmined portion lies beneath the debris from the cave-in. It is reported to have lain 30 to 40 feet above the incline floor of the cut and to have pitched about 30° southwest."

Muscovite recovered from the "target" pegmatite in the incline and drift was flat "A" ruby, heavily stained, and up to 15 inches in width. It may be classified as "electric" or non-strategic mica.

Reserves:

No reserves of strategic muscovite can be indicated or inferred. The feldspar encountered has been of fair grade, but mixed with grey quartz.

Conclusions and Recommendations

The target pegmatite, cut through and explored along strike, does not contain reserves of strategic muscovite. No further exploration in that pegmatite is warranted. The Operator's proposed amendment is a gamble on finding a parallel pegmatite; however, possible that it may be, it seems to be in the realm of prospecting. The Field Examiners do not recommend the proposed amendment. It is recommended that no certification of discovery be issued.

Expenditures:

(a)	Total approved	$10,940.00
(b)	Total cost of contract	10,940.00
(c)	Government's share of cost	8,205.00
(d)	Value of production (esti)	none
(e)	Royalty paid	none

May 24, 1956.

A. R. Taylor and S. C. Bergman, Geologists
U. S. Geological Survey

and

A. L. Peyton and L. E. Shirley
Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1 SHIRGSTON OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
APR 23 1956

Operator's Fin'l Report

April 19, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region V - Knoxville

Subject: Operator's Final Report - DMEA-3860, Idm-E865 (mica)
Ed Boone, Spruce Pine, N. C. Goog Rock Mine, Yancey County

Transmitted are 4 copies each of two maps sent in by the subject Operator as his final report.

V. D. Lynch

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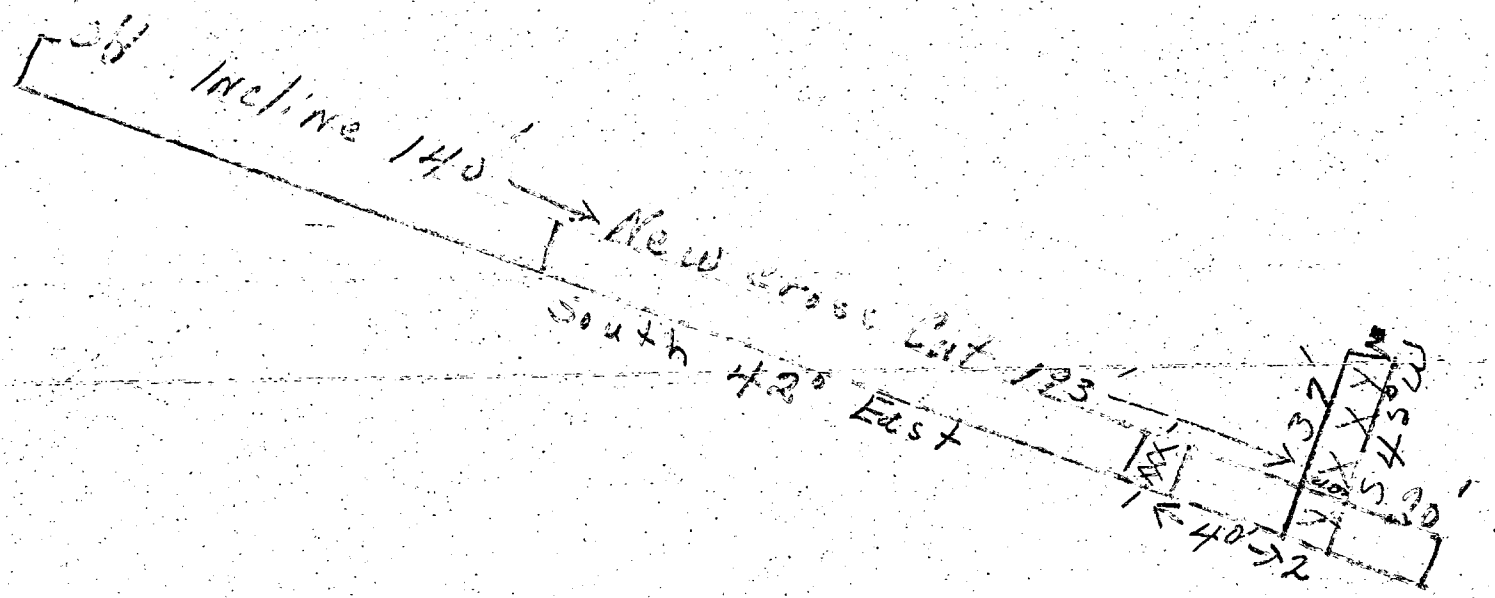
APR 28 1933

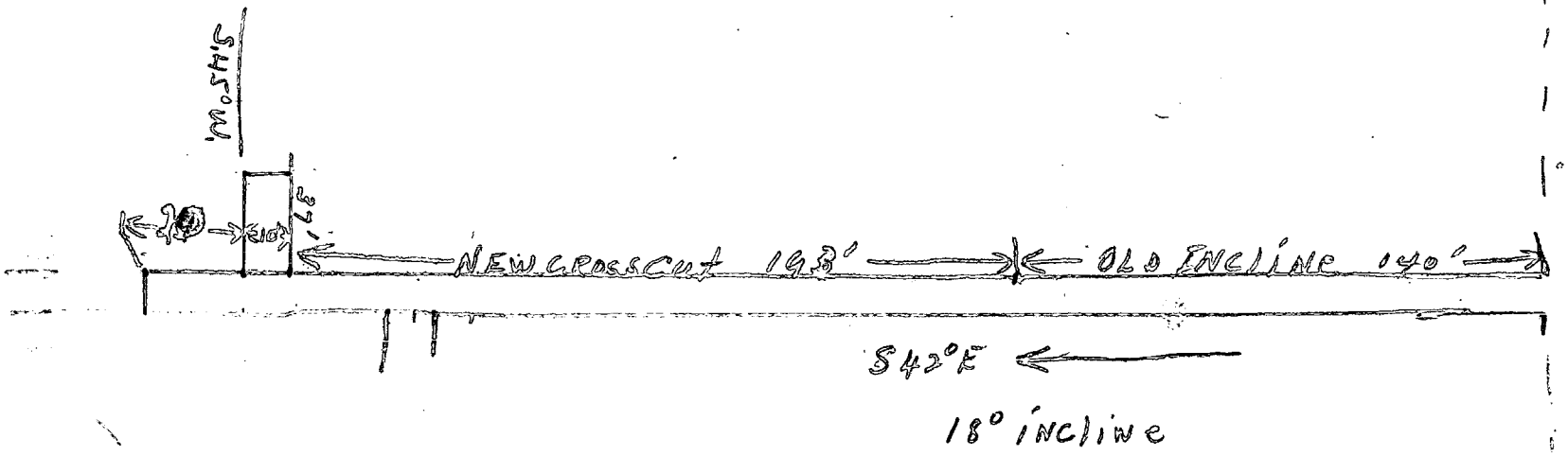
DMEA-3860 - mica
Goog Rock mine



This Incline was All in Slate except.
X1 - which was Pegmetite with No Mica.
X2 - which was Pegmetite with Electric Mica.

RECEIVED
APR 23 1956

DMEA-3860-mica
Goog Rock Mine



UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
APR 16 1956

April 13, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tennessee

Subject: DMEA-3860, Idm-E865 (mica) Ed Boone, Spruce Pine, N. C.
Goog Rock Mine, Yancey County, N. C.

Enclosed are three copies of a letter from the Operator requesting an amendment, and three copies of our letter to him.

We suggest that no action be taken on this request until he completes his survey and presents information to support his belief that the main pegmatite has not yet been cut.

He is incorrect in saying that the field examiners agree that the old survey is incorrect. What they said was that the portion of the old survey of the underground workings which is shown in dashed outline was taken from old records and was not seen at the time the map was made. This does not necessarily imply that it is incorrect.

Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA
Region V

V. J. Lynch
V. J. Lynch, Member
Bureau of Mines

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

RECEIVED
APR 1 6 1956

April 13, 1956

Mr. Ed Boone

Spruce Pine, N. C.

Re: DMEA-3860, Idm-E865 (mica)
Goog Rock Mine, Yancey County, N. C.

Dear Mr. Boone:

Your letter of April 11, requesting an amendment to the subject contract for additional crosscutting has been referred to our Washington office for consideration.

When you have completed your survey of the old workings, please submit a copy, with a cross-section showing the relation of old workings to the new work and the projected position of the pegmatite. This information is necessary to support your interpretation that the main pegmatite has not yet intersected. Cross sections based on available data indicate that you are already beyond the main pegmatite.

Our field examiners will be in Spruce Pine again on April 23-25. Please notify them when the old workings are pumped out, so that they can inspect them if time is available.

Very truly yours,

Robert A. Laurence

Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V

RECEIVED
APR 16 1956

Spruce Pine, North Carolina
April 11, 1956

Mr. Robert A. Laurence, Executive Officer
D. M. E. A., Region V
Room 13, Post Office Building
Knoxville, Tennessee

Re: DMEA-3860, Idm-E 865 (Mica)
Amendment to Contract, Goog Rock Mine

Dear Mr. Laurence:

We have completed the work called for in the above contract and have submitted final engineering report.

We wish to request an amendment to this contract allowing additional work, inasmuch as our crosscutting operation did not reach the main vein of mica as had been anticipated. We have information now which indicates that the former survey made was incorrect, and we wish to do further exploration work based on a new and accurate survey. We will, at our own expense, pump the water from the old works and run a new survey. We estimate that an additional 150' of drift or crosscutting work will be sufficient to reach the main column of mica. We believe that our recent work under the above contract ran below the level of this vein, and will follow advice of the field men as to the best method of reaching this vein with further work. The field team is familiar with our problem, and agree that the old survey was not correct. Our estimate is that the amended allowance of 150 feet @ $40.00 per foot, or a total of $6,000.00 would take care of exploration necessary to reach the main vein of mica.

If further information is necessary, please contact us. We would appreciate hearing from you as soon as possible regarding such an amendment.

Very truly yours,

Ed Boone

Ed Boone

B/mb

RECEIVED
APR 13 1956
U. S. Geology
Geologic Division
Knoxville, Tenn.

P. O. Box 217
April 17, 1956

Memorandum

To: Jay L. Chambers, Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Administrative Assistant, Electrotechnical Experiment Station, Bureau of Mines, Region V, Norris, Tennessee

Subject: Monthly reports and vouchers

We are enclosing two copies each of the following monthly reports and vouchers:

Idm-E-865 — Ed Boone
Docket No. DMEA-3860
7th and final payment - month of March
Completion Date: 3/14/56
Amount $390.00

Idm-E-869 — Carolina Tungsten Mining Company
Docket No. DMEA-3742
1st payment - months of February and March
Starting Date: 2-7-56
Amount $1040.62

Idm-E-897 — W. Hugh Allen
Docket No. DMEA-3916
3rd payment - month of March
Amount $506.25

Idm-E-913 — Black Jack Mining Company
Docket No. DMEA-3976
2nd payment - month of March
Amount $695.43

Helen R. Miller

Attachments
/hbm
Copies to R. A. Laurence
V. J. Lynch
Norris files
Day files

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
RECEIVED
APR 18 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1956 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting		1480.00	1480.00			
Drifting Incline	520.00	8400.00	8920.00			
Tool & Hoist House		102.00	102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Powder Magazine		25.00	25.00			
Exploder "		13.00	13.00			
(4) Operating Equipment:						
Bulldozing Road		400.00	400.00			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	520.00	10,420.00	10,940.00	520.00	10,420.00	10940.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 4/6/56 *Payee Ed Boone
Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 390.00

Signature Helen R. Miller
(Authorized Certifying Officer)
Date APR 17 1956 Vou. No. _____
(See other side)

130.00

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

Signature Ch. L. Peyton Title Mining Engineer Date APR 16 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date APR 16 1956

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

RECEIVED
APR 13 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1956 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address 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	Ft			1480.00	37	40		
Crosscutting Incline	Ft	520.00	13	8920.00	223	40	260	40.00
Raising					260			
Shafts				10,460.00				
Winzes								
Drilling: Core								
Churn								
Tool & Hoist House				102.00	1	102.00	1	102.00
Stripping				25.00	1		1	25.00
Powder Magazine				13.00	1	25.00	1	13.00
Exploder "						13.00		
Roads and Bulldosing				400.00	1	400.00	1	400.00
Total Distributed Costs		400.00		10940.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

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

Date 4/6/56 Operator Ed Boone

Per _____ Title _____

Remarks:

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

(Instructions on reverse)

(For Government use only)

C. L. Peyton
U.S. Bureau of Mines

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

DMEA 3860
Idme 865

RECEIVED
APR 1 0 1956

Month of March 1956
Work Accomplished

Date Work Began Sept. 27 ,1955

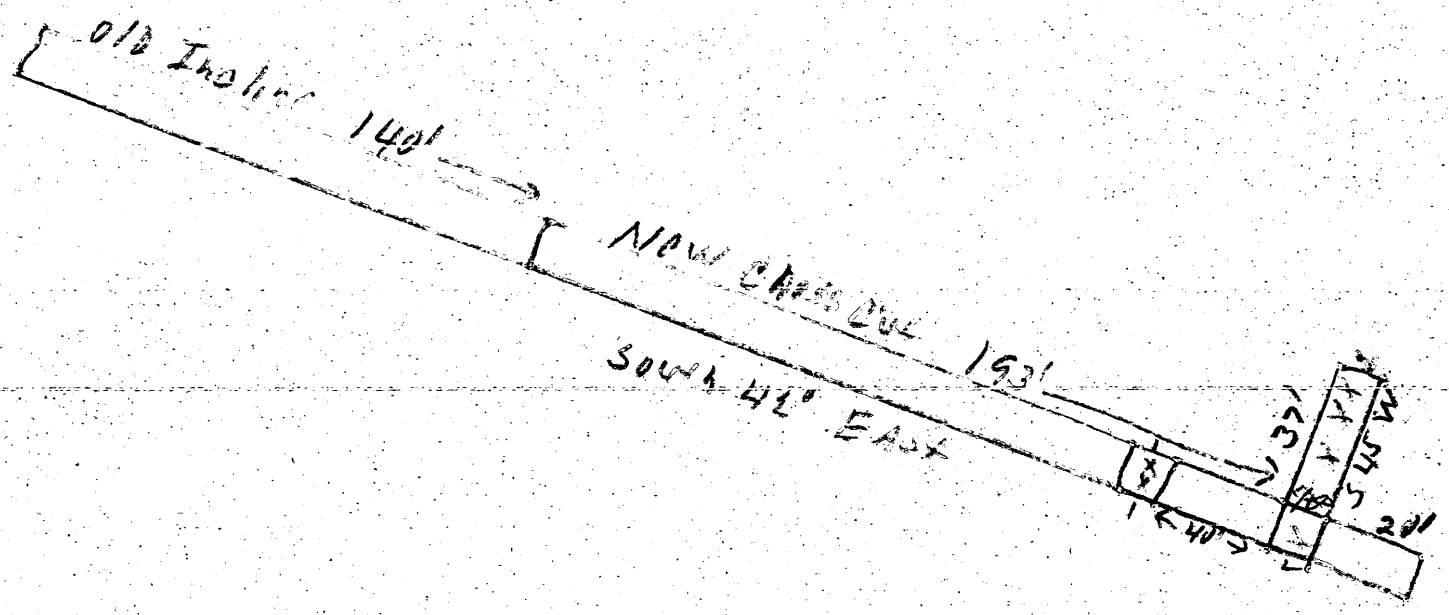
The Incline crosscut has been advanced 13 feet making a total of 223 feet. We have drifted 37 feet in a pegmatite this makes a total of 260 feet of drtft and crosscut.

We have not hit the main veign of the mine and feel that if we had another 100 feet extension we could find the maine pegmatite.

March 5 Drilling, blasting, mucking out advanced 5 feet.
March 6 Drilling, blasting, mucking out advanced 5 feet
March 7 Drilling, Blasting, mucking out advanced 3 feet.

Yours truly Ted Boone

COPY



THIS TRACK WAS ALL IN SIAXI FORM
X1 - WHICH WAS PLEASANT WITH NO [illegible]
X-2 WHICH WAS PLEASANT WITH [illegible]
[illegible]

3860A

ACTION ON INTERIM

[illegible]

Date 3-26

Referred to:

1. ~~Mr. Kittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. ~~Mr. McTh[illegible] Division~~
6. Docket Control Mails and Files

Note comments in report regarding:

1. Finished? good?

2.

3.

4.

and take appropriate action.

- - - - - -

Action taken by Division: Practically finished. Looks fairly good

Initials

INTERIM REPORT

DMEA-3860, Idm-E865 (mica) GOOG ROCK MINE

Operator: Edd Boone, Spruce Pine, North Carolina

Location: 1.25 airline miles N 47° E of Micaville, Yancey County, N. C.

At the time of this inspection the incline heading was 258 feet from the starting point, making a total of 295 feet of incline crosscut or drift on this contract. The contract called for 260 feet of crosscut incline and drift. The Operator plans to continue the crosscut incline hoping to intersect a second pegmatite to the southwest. This contract is complete.

The incline cut several pegmatites, the target pegmatite crossing at 200 feet. Drifting with this pegmatite to the southwest discloses a 7 to 10 foot width, with a 3 1/2 foot quartz core. Muscovite is pentiful, some books as large as 15 inches in diameter were noted. The mica is flat "A" generally heavy stained.

Inppected: March 14, 1956

A. L. Peyton

A. L. Peyton, Mining Engineer
Bureau of Mines

S. C. Bergman and A. R. Taylor, Geologists
Geological Survey

z

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 AS CORRECTED ON DAY BOOK

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1956 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940 Government Participation: 75% Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting Incline	2120.00	6280.00	8400.00			
Drifting	1480.00		1480.00			
Tool & Hoist House		162.00	102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Powder Magazine		25.00	25.00			
Exploder "		13.00	13.00			
(4) Operating Equipment:						
Rental Bulldozing Road		400.00	400.00			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3600.00	6820.00	10,420.00	3600.00	6820.00	10,420.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 2/1/56 *Payee Ed Boone

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 2700.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date MAR 7 1956 Vou. No. _____

(See other side)

900.00

(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. E 865 in accordance with the terms of the contract.

Signature N. J. Lepsch Title Mining Eng. Date 3-6-56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lauenner Title EXECUTIVE OFFICER DMEA REGION V Date MAR 6 1956

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

RECEIVED MAR - 9 1956

Month of February 1956 Docket No. DMEA 3860 Contract No. IDME 865

Operator's Name Ed Boone Minerals Mica

Address 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	Ft	1480.00	37	1480.00	37	40.00		
Crosscutting Incline	Ft	2120.00	53	8400.00	210	40.00	260.00	40.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Tool & Hoist House				102.00	1	102.00	1	102.00
Stripping								
Trenching Powder Magazine				25.00	1	25.00	1	25.00
Test Pits Exploder "				13.00	1	13.00	1	13.00
Roads and Bulldozing				400.00	1	400.00	1	400.00
TOTAL DISTRIBUTED COSTS		3600.00		10,420.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 2/1/56 Operator Ed Boone

Per Title

REMARKS:

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

(Instructions on reverse)

(For Government use only)

W J Lynch
Bureau of Mines
3-6-56.

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

DM 3860
IDM 865

Month of February 1956 Date Work Began Sept. 27 ,1955

Work Accomplished:

The inclined crosscut has been advanced 53 feet making a total of 210 feet. We drifted 37 feet in a pegmatite but it has been decided that this is not the main pegmatite. We will drive the crosscutt some more to find the main pegmatite.

Feb. 1 Drilling Blasting mucking out advanced 5 feet
Feb. 2 Drilling ,blasting ,mucking out advanced 5 feet
Feb. 3 Drilling, blasting , mucking out advanced 5 feet.
Feb 6 Compressor down for repairs
Feb. 7 Drilling ,Blasting ,mucking out advanced 5 feet
Feb. 8 Drilling, blasting, mucking out advanced 5 feet
Feb. 9 Drilling,blasting ,mucking out advanced 6 feet
Feb. 10 Drilling,blasting, mucked out advanced 5 feet
Feb. 13 Drilling,blasting, mucking out advanced 5 feet.
This was in a pegmatite which was 7 feet wide.
Feb 14 Drilling ,blasting, mucking out advanced 5 feet
Feb 15 Drilling ,blasting, mucking out advanced 5 feet
Feb 16 Drilling, blasting, mucking out advanced 3 feet
Feb 20 We turned and drifted witr the pegmatite south 45 west.
Drilling, blasting ,mucking out advanced 5 feet
Feb. 21 Drilling, blasting ,mucking out, advanced 5 feet
Feb 22 Drilling ,blasting, mucking out advanced 5 feet
Feb 23 Drilling, blasting, mucking out advanced 5 feet
Feb. 24 Drilling, blasting, mucking out, advanced 5 feet
Feb. 27 Drilling, blasting ,mucking out advanced 5 feet
Feb 28 Drilling, blasting
Feb 29 Mucking out advanced 7 feet.

Yours Truly

Ed Boone

INTERIM REPORT

DMEA-3860, Idm-E865, GOOG ROCK MINE
(mica)

Operator: Ed Boone, Spruce Pine, North Carolina

Location: 1.25 airline miles N 47° E of Micaville, Yancey County, N. C.

The incline heading now stands at 210 feet, the last 17 feet being comparatively flat and crosscutting the pegmatite. Drifting along the west wall to the southwest totals 37 feet. The pegmatite observed, varies in width from 7 to 10 feet with a 3 1/2 foot quartz core. Flat "A" muscovite, heavily stained, occurs in exceptionally large books up to 15 inches.

The Operator was instructed to discontinue drifting to the southwest and extend the incline heading for the remaining 13 feet of the contract. From this point the Operator will drill a horizontal hole straight ahead as far as equipment will permit hoping to cut a second pegmatite that is exposed by the old mine workings.

Inspected: February 29, 1956

V. J. Lynch and A. L. Peyton, Mining Engineers
U. S. Bureau of Mines

V. J. Lynch and A. L. Peyton

and

S. C. Bergman and A. R. Taylor

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

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RECEIVED
FEB 23 1956

INTERIM REPORT

DMEA-3860, Idm-E865, GOOG ROCK MINE
(mica)

Operator: Ed Boone, Spruce Pine, North Carolina

Location: 1.25 airline miles N. 47° E of Micaville, Yancey County, N. C.

In the past two weeks the Operator has advanced 54 feet on a -15° incline making a total of 200 feet on this contract. The lower half of the incline was in pegmatite from 155 to 166 feet. At the time of this inspection the heading was in pegmatite (the target) starting at 193 feet. This pegmatite contains a comparatively large quartz core and heavy stained flat "A" muscovite. The incline will be continued through the pegmatite, from this point the remainder of the footage will be used in drifting with the pegmatite.

This project is being operated in a satisfactory manner.

Inspected: February 15, 1956

A. L. Peyton
A. L. Peyton, Mining Engineer
Bureau of Mines

S. C. Bergman
S. C. Bergman and A. R. Taylor, Geologists
Geological Survey

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P. O. Box 217
February 10, 1956

Memorandum

To: Jay L. Chambers, Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Administrative Assistant, Electrotechnical Experiment Station, Bureau of Mines, Region V, Norris, Tennessee

Subject: Monthly reports and vouchers

We are enclosing two copies each of the following monthly report and voucher:

Idm-E-865 Ed Boone A
Docket No. DMEA-3860
5th payment - month of January
Amount $2460.00

Idm-E-891 Buchanan Minerals, Inc.
Docket No. DMEA-3543
2nd payment - month of January
Amount $1316.25

Helen R. Miller

Attachments
/hbm
Copies to R. A. Laurence
V. J. Lynch
Norris files
Day files

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB 13 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Jan 1956 Docket No. DMEA 3360 Contract No. DMEA 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing Road		400.00	400.00			
Crosscutting	3280.00	3000.00	66280.00			
Drifting						
Tool & Hoist House		102.00	102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Pow der Magazine		25.00	25.00			
Exploder "		13.00	13.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3280.00	3540.00	6820.00	3280.00	3540.00	6820.00

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

Date 2/4/56 *Payee Ed Boone

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 2460.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date FEB 10 1956 Vou. No. _____
(See other side)

830.00

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

Signature S. C. Bergman Title Geologist USGS Date 2/8/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Kennemer Title EXECUTIVE OFFICER DMEA REGION V Date FEB 9 1956

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

RECEIVED
FEB 13 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Jan. 1956 Docket No. DMEA 3860 Contract No. DMEA 865
Operator's Name Ed Boone Minerals Mica
Address 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	Ft	3280.00	82	6280.00		40.00	260	40.00
Crosscutting								
Raising								
Shafts Road				400.00				
Tool Hole								
Drilling: Co House				102.00	1	102.00	1	102.00
Powder Magazine				25.00	1	25.00	1	25.00
Exploder				13.00	1	13.00	1	13.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		3280.00		6820.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

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

Date 2/2/56 Operator Ed Boone

Per Title

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

Remarks:

(Instructions on reverse)

(For Government use only)

S. C. Bergman - Geologist USGS 2/8/56

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

DMEA 3860
IDME 865

Month of January 1956 Date Work Began Sept. 27, 1955

Work Accomp lished:

The drift has been advanced 82 feet, this makes a total of feet.

We have been working two shifts this month,and have advanced five footever day that we work.

Dailey Notes:

Jan. 2 Drillingand blasting, mucking out advanced 5 feet.
Jan 3 Drilling , Blasting , mucking out advanced 5 feet.
Jan.4 Drilling , blasting, mucking out advanced 5 feet.
Jan.5 Drilling, blasting, mucking out advanced 5 feet.
Jan. 6 Drilling, blasting, mucking out advanced 5 feet.
Jan. 9 Drilling, blasting, mucking out advanced 5 feet.
Jan.10 Broke down lost all day.
Jan. 11 Drilling, blasting, mucking out advanced 5 feet.
Jan. 12 Drilling, blasting, advanced 5 feet.
Jan. 13 Drilling, blasting,mucking out advanced 5 feet.
Jan. 16 Drilling,blasting, mucking out advanced 5 feet.
Jan. 17 Drilling, blasting ,mucking out advanced 5 feet.
Jan 18 Drilling, Blasting, mucking out advanced 5 feet.
Jan 19 Drilling, blasting Mucking out advanced 5 feet.
Jan 20 Drilling,blasting, mucking out advanced 5 feet.
Jan 23 Hoist broken off for repairs.
Jan 24 to Jan. 26 Repairing hoist.
Jan 27 Drilling ,blasting, muckingm out advancing 4 ft
Jan 30 Drilling ,blasting, mucking out advancing 4 ft
Jan 31 Drilling , blasting, mucking out advancing 4 ft.

Yours Truly Ed Boone

RECEIVED
FEB 13 1956

INTERIM REPORT

DMEA-3860, Idm-E865(mica) GOOD ROCK MINE

Operator: Ed Boone, Spruce Pine, North Carolina

Location: 1.25 miles N 47° E of Micaville, Yancey County, N. C.

Total amount of new incline (at-18°) stands at 146 ft. an increase of 25 feet in the past two weeks. Sinking is progressing on a 2-shift basis and is satisfactory. The hoist was broken down for a period of 4 or 5 days, but is back in operation. Mucking continues to be done by means of a dragline arrangement. This has proved to be a very effective arrangement.

The heading is in a contorted biotite gneiss with considerable migmatite. From 111 feet to 118 feet the incline was in a feldspathic pegmatite which trended N 25-30° E 70° SE. There were numerous inclusions of country rock and an occasional small flat book of ruby muscovite.

The Operator is continuing the heading to 160 feet. If not in pegmatite at that time, he was advised to stop and put in the longest test hole possible. It is anticipated that the target pegmatite should be intersected before the next visit. Progress has been very satisfactory on this contract.

January 30, 1956

L. E. Shirley, Mining Engineer
Bureau of Mines

S. C. Bergman

S. C. Bergman, Geologist
Geological Survey

A. R. Taylor, Geologist
Geological Survey

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INTERIM REPORT

RECEIVED
JAN 30 1956

DMEA-3860, Idm-E865 (mica) GOOG ROCK MINE

OPERATOR: Ed Boone, Spruce Pine, N. C.

LOCATION: 1.25 miles N47°E of Micaville, Yancey Co., N. C.

Incline sinking continues on a -18° slope on this contract and now totals 121 feet. The incline continues to crosscut the foliation of the country rock, a biotite gneiss, and occasional pegmatitic-country rock mixtures. Pegmatite is now exposed in the present face and back along both walls for a distance of 5 to 7 feet. It is primarily feldspathic, but contains some scattered quartz and occasional blocks of muscovite mica. The footwall contact strikes N25-30°E and dips 68° SE. The Operator was advised to continue sinking until another visit can be made. Progress on this contract has been good.

L. E. Shirley
L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

S. C. Bergman
S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

January 18, 1956

INTERIM REPORT

DMEA-3860, Idm-E865 (mica) GOOG ROCK MINE

RECEIVED
JAN 13 1956

OPERATOR: Ed Boone, Spruce Pine, N. C.

LOCATION: 1.25 miles N47°E of Micaville, Yancey County, N. C.

Incline sinking continues on this contract and is now at 75 feet. Progress has been exeellent on this contract to date and has exceeded expectations. All of the crosscutting incline has been accomplished in hard rock, primarily biotite gneiss containing occasional pegmatites or pegmatitic mixture up to 7 feet in thickness. The incline is about 7 feet by 7 feet in cross section and is being driven S42°W ? E on a -20° slope. A pegmatite-migmatite mixture was intercepted at 72 feet from the starting point that is 7 feet maximum thickness, extends into the present face and is composed of flesh-colored feldspar, medium amounts of quartz, scattered epidote and small muscovite mica.

Muck continues to be handled by a drag-pan arrangement, and no late plans exist to install track and mine car as previously reported. A 6-foot water hole has been sunk recently in the incline floor to catch seepage from the portal, and the operator contends that this has been a great aid to progress. Suggestions were made concerning scaling the roof areas after blasting. Progress on this contract has been good.

L. E. Shirley

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

S. C. Bergman

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

January 5, 1956

MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JAN 13 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1955 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940.00 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing Road		400.00	400.00			
Crosscutting						
Drifting	1400.00	1600.00	3000.00			
Tool & Hoist House		102.00	102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Powder Magazine		25.00	25.00			
Exploder "		13 .00	13.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1400.00	2140.00	3540.00	1400 00	2140 00	3540 00

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

Date 1/7/56 *Payee Ed Boone

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 1050 00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date JAN 11 1956 Vou. No. 149

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature S. C. Berryman Title Geologist USGS Date 1/10/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature T. J. Lynch ACTING Title EXECUTIVE OFFICER DMEA REGION V Date JAN 10 1956

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.

MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JAN 13 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 195 5 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address 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	Ft	1400.00	35	3000.00	75	40.00	260	40.00
Crosscutting								
Raising								
Shafts								
Winzes Tool & Hoist				102.00	1	102.00	1	102.00
Drilling: Core House				~~25.00~~				
Churn Powder Magazine				25.00	1	25.00	1	25.00
Auger Exploder "				13.00	1	13.00	1	13.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing Road				400.00	1	400.00	1	400.00
TOTAL DISTRIBUTED COSTS		1400.00		3540.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1400.00		3540.00				

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 Jan. 7, 1956 Operator Ed Boone

Per Title

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

(Instructions on reverse)

REMARKS:

(For Government use only)

S. C. Bergman - Geologist USGS
1/10/56

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

DMEA 3860
IDME 865

Month of December 1955 Date Work Began September 27 1955

Work Accomplished:

The drift has been advanced 35 feet, this makes a total of 75 feet.

Dailey Notes

Dec. 1 thru 9 Drilling , Blasting & mucking out a water hole.
Dec 12&13 Drilling & Blasting
Dec. 14 Mucking out which advanced 5 ft.
Dec. 15 Drilling & blasting
Dec. 16 Mucking out which advanced 5 ft.
Dec. 19 Drilling & blasting
Dec. 20 Mucking out which advanced 5 ft.
Dec. 21 Drilling & blasting.
Dec. 22 Mucking out which advanced 5 ft.
Dec. 23 Drilling & blasting
Dec 24 Mucking out which advanced 5 ft.
Dec. 26 Drilling & blasting
Dec 27 Mucking out which advanced 5 ft.
Dec. 28 Drilling & blasting
Dec. 29 & 30 Mucking out Advancing 5 ft.

We put on another shift jan. 1 which should speed up our progress.

Yours Truly

Ed Boone

INTERIM REPORT

DMEA-3860, Idm-E865 (mica) GOOG ROCK MINE

RECEIVED
DEC 27 1955

OPERATOR: Ed Boone, Spruce Pine, N. C.

LOCATION: 1.25 miles N47°E of Micaville, Yancey County, N. C.

Incline sinking continues on this contract and new work completed totals 47 feet. In crosscutting of the biotite gneiss, an occasional pegmatite stringer and pegmatite-country rock mixtures are encountered. Near the present face a pegmatite 5 feet thick, best exhibited on the northeast wall, has been cut. The operator was advised to continue the incline on the same slope until another visit can be made.

L. E. Shirley

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

SCB

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

December14, 1955

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-

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED DEC 12 1955

Month of November 1955 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940.00 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing Road		400.00	400.00			
Crosscutting						
Drifting	1200.00	400.00	1600.00			
Tool & Hoist House		102.00	102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Powder Magazine		25.00	25.00			
Exploder "		13.00	13.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1200.00	940.00	2140.00	1200.00	940.00	2140.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Nov. 1, 55 *Payee Ed Boone
Per Title

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

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

(Instructions on reverse)

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

$900.00

Signature Helen R. Miller
(Authorized Certifying Officer)
Date DEC 8 1955 Vou. No. 20
(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. E865 in accordance with the terms of the contract.

Signature Sheldon C. Beyma Title Geologist USGS Date DEC 7 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date DEC 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

RECEIVED
DEC 12 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1955 Docket No. DMEA 3860 Contract No. IDME 865
Operator's Name Ed Boone Minerals Mica
Address 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	Ft	1200.00	30	1600.00	40	40.00	260	40.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Tool & Hoist								
House				102.00	1	102.00	1	102.00
Powder Magazine				25.00	1	25.00	1	25.00
Auger								
Exploder "				13.00	1	13.00	1	13.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing Road				400.00	1	400.00	1	400.00
TOTAL DISTRIBUTED COSTS		1200.00		2140.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1200.00		2140.00				

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 Dec. 1, 1955 Operator Ed Boone

Per Title

REMARKS:

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

(Instructions on reverse)

(For Government use only)

Sheldon C. Bergman
12/7/55

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

RECEIVED
DEC 12 1955

DMEA 3860
IDME 865

Month of November 1955 Date work began Sept. 27 1955

Work Accomplished.

The drift has been advanced 30 feet. This makes a total of 40 feet of drift.

Dailey Notes

Nov. 1 & 2 Drilling and pumping water.
Nov. 3 & 4 Blasting and Mucking out which advanced 5 feet.
Nov. 7 & 8 Working on generator.
Nov. 9 , 10, 11 Drilling and Blasting.
Nov. 14 Mucking out advancing 5 feet.
Nov. 15 & 16 Drilling and Blasting
Nov. 17 Mucking Out advancing 5 feet.
Nov. 18 and 21 Drilling and Blasting.
Nov 22 Drilling And Blasting.
Nov.23 Mucking out advancing 5 feet.
Nov 24 & 25 Drilling and Blasting.
Nov.28 Mucking out advancing 5 feet.
Nov. 29 Drilling and Blasting.
Nov. 30 Mucking out advancing 5 feet.

Ted Boone

INTERIM REPORT

DMEA-3860, Idm-E865 (mica) GOOG ROCK MINE

RECEIVED
DEC 19 1955

OPERATOR: Ed Boone, Spruce Pine, N. C.

LOCATION: 1.25 miles N 47° E of Micaville, Yancey Co., N. C.

Incline sinking continues on this contract, and new work completed now totals 42 feet. The slope of the incline has not changed appreciable and material encountered is primarily biotite gneiss containing stringers of pegmatite up to 2 feet in thickness. Small mica recovered from these stringers is ruby colored, clear, and flat. The operator was advised to continue sinking.

A power line is now being run to the mine and should be an asset to the operation for lights, pumping, etc. The operator stated that a drag-pan arrangement now in use for removing muck would soon be replaced by track and car. Progress on this contract is satisfactory.

L. E. Shirley by E.R.

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

November 30, 1955

INTERIM REPORT

RECEIVED
DEC - 7 1955

DMEA-3860, ldm-E865 (mica) GOOG ROCK MINE

OPERATOR: Ed Boone, Spruce Pine, N. C.

LOCATION: 1.25 miles N47°E of Micaville, Yancey County, N. C.

Incline sinking continues on this contract and is now at 18' ARZ. ~~18~~ feet. No one was present at the mine at the time of this visit, and no information concerning material encountered, other than the biotite gneiss country rock, could be obtained. Another visit will be made to the mine in the near future.

L. E. Shirley by E.R.
L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

S. C. Bergman A. R. Taylor
S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

November 16, 1955

INTERIM REPORT

DMEA-3860, ldm-E865 (mica) GOOG ROCK MINE

OPERATOR: Ed Boone, Spruce Pine, North Carolina

LOCATION: 1.25 miles N47°E of Micaville, Yancey County, North Carolina

Incline sinking is underway on this contract and is now at 10 feet. The existing incline was dewatered and loose muck removed from the bottom. A drag-pan-type hoisting arrangement has been installed and is used for handling the muck. New work to date has encountered biotite gneiss containing pods of pegmatitic material and biotite film. The incline is crosscutting, and the work is being conducted on a -20° slope.

The operator was advised to scale the roof areas of the incline thoroughly after shooting. A combination tool house - workshop has been completed and is much larger than that specified in the contract. Progress on this contract is satisfactory.

L. E. Shirley

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

K. H. Teague S. C. Bergman A. R. Taylor

K. H. Teague, S. C. Bergman, and A. R. Taylor
Geologists
U. S. Geological Survey

November 2, 1955

RECEIVED
NOV 14 1955

-104 (Rev.)
1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED NOV 10 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Oct., 1955 Docket No. DMEA 3860 Contract No. IdmE 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940.00 Government Participation: 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing Road		$400.00	$400.00			
Crosscutting						
Drifting	$400.00	$	$400.00			
Tool & Hoist House	$102.00		$ 102.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Powder Magazine	$25.00		$25.00			
Exploder "	$13.00		$13.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$540.00	$400.00	$940.00	540.00	400.00	940.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Nov. 4/55 *Payee Ed Boone

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 405.00

Signature Helen R. Martin
(Authorized Certifying Officer)

Date _____ Vou. No. 101
(See other side)

135.00

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

Signature Alfred R. Taylor Title Geologist USGS Date Nov. 7, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch Title ..... Date .....

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED NOV 13 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1955 Docket No. DMEA 3860 Contract No. IdmE 865

Operator's Name Ed Boone Minerals Mica

Address 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	Ft	$400.00	10	$400.00	10	$40.00	260	$40.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Tool & Hoist House	1	$102.00	1	$102.00	1	$102.00	1	$102.00
Powder Magazine	1	$ 25.00	1	$25.00	1	$ 25.00	1	$ 25.00
XXX Exp. Aux. Magazine	1	$ 13.00	1	$13.00	1	$ 13.00	1	$ 13.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing Road				$400.00	1	$400.00	1	$400.00
TOTAL DISTRIBUTED COSTS		$540.00		$940.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$540.00		$940.00				

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 11/4/55 Operator Ed Boone

Per Title

REMARKS:

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

(Instructions on reverse)

(For Government use only)

Alfred R. Taylor
Geologist

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

DMEA #3860
IDM-E #865

Month of October 1955 Date Work Began Sept. 27 1955

Work Accomplished:

The mine has been pumped out,all the old muck cleaned out,the machinery set up, tooland hoist house built,powder and exploder magazine built, and 10 feet of drift advanced.

Daily Notes:

From Oct.3 to Oct. 17 Pumping out mine and working on road.
From Oct. 17 to Oct. 21 setting machinery and building tool and hoist house.
Oct. 24 and 25 cleaning out old muck.
Oct. 26 drilled first round.
Oct. 26 shot.
Oct. 27 Mucked out and advanced 5 feet.
Oct. 28 drilling.
Oct. 31 mucked out advanced 5 feet.

Ed Boone
Yours Truly

INTERIM REPORT

DMEA-3860, Idm-E865 (mica) GOOG ROCK MINE

RECEIVED
OCT 28 1955

OPERATOR: Ed Boone, Spruce Pine, N. C.

LOCATION: 1.25 miles N47°E of Micaville, Yancey County, N. C.

Work began on this contract September 26, 1955. Access road construction has been completed and required more additional time than anticipated, because a new route providing better grade was used. Equipment has been moved to the mine site, and unwatering of the mine will begin as soon as a power line is extended to the site. Equipment on the job consists of a double-drum gasoline-powered hoist, a 105 c.f.m. air compressor, a 1½ K.V.A. generator, an air blower with sufficient airline, and necessary hand tools. Sufficient timber for portal reconditioning is on the job, and this work will get underway during the current week. Progress on this contract is satisfactory.

L. E. Shirley

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

K. H. Teague

K. H. Teague, S. C. Bergman, and A. R. Taylor
Geologists, U. S. Geological Survey

October 19, 1955

~~Kennedy~~ Anderson

P. O. Box 217
October 13, 1955

Memorandum

To: Jay L. Chambers, Defense Minerals Exploration Administration, Interior Building, Washington, D. C.

From: Administrative Assistant, Electrotechnical Experiment Station, Region V, Norris, Tennessee

Subject: Monthly reports and vouchers

We are enclosing two copies each of the following monthly reports and vouchers:

Idm-E-818	Ozark-Mahoning Company Docket No. DMEA-3644 2nd payment - month of September Amount $1106.44
Idm-E-865	Ed Boone Docket No. DMEA-3880 1st payment - month of September Starting Date: 9-27-55 Amount $300.00

Helen R. Miller

Attachments
/hbm
Copies to V. J. Lynch
R. A. Laurence
Norris files
Day files

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED OCT 17 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Sept., 1955 Docket No. DMEA 3860 Contract No. IdmE 865
Operator's Name Ed Boone Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 10,940.00 Government Participation 75 % Amount, $ 8,205.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing Road	$400.00		$400.00			
Crosscutting						
Drifting						
(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						
(8) Contingencies (specify):						
TOTALS	$400.00		$400.00	400.00		400.00

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

Date 10/11/55 *Payee Ed Boone Ed Boone

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 300.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date _____ Vou. No. 83
(See other side)

100.00

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

Signature Keyton H. Teague Title Geologist, U.S.G.S. Date 10/12/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. J. Lynch ACTING Title EXECUTIVE OFFICER DMEA REGION V Date OCT 12 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

RECEIVED
OCT 17 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept. 195 5 Docket No. DMEA 3860 Contract No. IdmE 865
Operator's Name Ed Boone Minerals Mica
Address 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								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing Road	1	400.00	1	400.00	1	400.00	1	400.00
TOTAL DISTRIBUTED COSTS		400.00						TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		400.00		400.00				

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

Date 10/11/55 Operator Ed Boone

Per Title

REMARKS:

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

(Instructions on reverse)

(For Government use only) Kefton H. Teague, Geologist

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

DMEA No. 3860
Tdm-E 865

Month of Sept. 1955 Date Work Began Sept.27 1955

Work Accomplished:

Moved in Bulldozer and built road to Mine. There was one section that had to be drilled and shot.

Daily Notes:

Sept. 27 Moved in bulldozer and worked 10 hours on road.

Sept. 28- Worked 10 hours with Bulldozer and drilled on road.

Sept. 29- Worked 10 hours with bulldozer and shot on road.

Sept. 30- Worked 10 hours with bulldozer and finished road.

Ted Boone

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

WASHINGTON OFFICE

September 29, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region V

Subject: Signed Contract - DMEA-3860, Idm-E865 (mica) Ed Boone, N. C.

Transmitted are three signed copies of the subject contract.

The usual distribution of the other copies has been made.

Wm. A. Beck

Wm. A. Beck

Docket File
Surname:
Anderson
Ed Knowles
Talbert
Selfridge

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

AUG 30 1955

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Docket No. DMEA-3860 - Mica-
Ed Boone
The Goog Rock Mine
Yancey County, North Carolina

Dear Mr. Laurence:

Please find herewith the original and five copies of a contract covering the subject exploration project which have been signed by the Administrator for the Government with effective date as shown.

If the contract meets with your approval present it to the Operator for his approval and signature. Please explain to the Operator that the contract, when executed, is a firm commitment under the terms of which he is obligated to complete the work outlined at the agreed unit cost. If any part of this contract does not have either your approval or that of the Operator and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

You will note that the raise has been reduced to 4½ feet by 7 feet, as this should be of sufficient size for exploratory purposes.

After execution of the contract, the copies are to be distributed in the usual manner. Copies of memoranda from Mr. N. E. Nelson of the Geological Survey, dated July 29, 1955, and from Mr. W. F. Dietrich of the Bureau of Mines, dated August 8, 1955, are enclosed.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JHB)

Approved:

P. F. Yopes (JHB)
Member, Bureau of Mines

/s/ N. E. Nelson (JHB)
Member, Geological Survey

Enclosures 10

WCAnderson:pk 8/23/55

Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
~~XXXXXXXX~~t
Mr. Dietrich, 3061
Mr. Houk
Mr. ~~XXXXXXX~~ Anderson

R.S.

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

Memorandum

AUG 2 5 1955

To: The Files

From: Walter C. Anderson

Subject: Evaluation of application and field examination report

Docket No. DMEA-3860 - Mica
Ed Boone
The Goog (Rock Mine)
Yancey County, North Carolina

A contract is recommended

Mica: Rum in color, marked by A-structure. From 60% to 70% is reported to be stained. The mica could not be observed since the column in which it occurs lies beneath the debris of the old mine cave-in.

Pegmatite: Two main pegmatites and numerous small masses of pegmatite occur in the country rock, which is a hybrid variety of mica gneiss referred to in reports as migmatite. One of the 2 main pegmatites, the eastern, is exposed for 400 feet along the strike, elongated in shape, with maximum thickness of 35 feet and about 140 feet in vertical dimension. The western pegmatite is similar in shape ranging from an average thickness of 10 to 15 feet, to a maximum of 30 feet.

Old workings: Open cut about 400 feet long.

Method of exploring: The applicant's proposal is essentially the same as the method of exploring recommended by the Field Team which consists of 160 feet of crosscut incline extended from the existing 157 feet of incline and 100 feet of drifts and raise.

Economics and costs: The crosscutting incline should intersect the pegmatite after which drifting will be confined to pegmatite. Total footage of incline, drifts and raise amounts to 260 feet, costing $40.00 per foot. There will be no rehabilitation costs.

Recommendation: This work is the continuation of a program started during World War II and suspended when Colonial Mica Corporation stopped buying non-ruby mica. No change in the target since. Other pegmatites may be encountered in the driving of the incline.

This office asked the Field Team if we could justify 161 feet of incline without preliminary drilling. They contended that drilling would be too expensive and only vertical drilling could be resorted to which would be impracticable as the pegmatite is almost vertical. After carefully weighing the pros and cons in connection with this project we recommend a contract as outlined. The Commodity members of the Geological Survey and Bureau of Mines concur.

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

August 8, 1955

RECEIVED
AUG - 9 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA - 3860 (mica)

Applicant: Ed.Boone

Name and Location of Property: Goog Rock Mine
Yancey County, North Carolina

Date of Field Team Report: July 21, 1955

Date Rec'd. by Br. of Ceramic and Fertilizer Materials: July 28, 1955

Field Team Recommendation: Recommend exploration project at a cost of $10,938.00

Comments:

1. This deposit appears to have possibilities for the development of strategic mica.

2. Proposed exploration outlined by the field team is consistent with good engineering practices and estimated costs are in line with other DMEA projects.

Recommendation:

I concur with the field team's recommendation.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

RECEIVED
AUG - 1 1955

July 29, 1955

Re: DMEA 3860
Ed Boone
Goog Rock Mine
Yancy Co., N. C.
$10,938.00 - Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report

From two pegmatites, one 740 feet long and up to 150 feet deep (D section) and the other 260 feet long and 40 feet deep, feldspar worth $100,000 has been produced. The value of the mica is much less definite but probably, since it was primarily a feldspar mine, was less than that of the feldspar, though the claims of Mr. W. F. Deneen, if substantiated, might make a good showing for the mica.

Unless the parallel and, as known, smaller pegmatite shows in the proposed incline and is mica bearing, an increase in the probable ratio of mica to feldspar in the larger pegmatite would make a better proposition of this exploratory program.

No allowance appears to have been made for unwatering the old cut. Since such will probably be required for safety and working reasons, it might be well to pump out and resurvey the underhand stope and study anew the conditions under which it will be necessary to work, and the size of the reported "mica column." Moving of caved muck along the easterly wall may be worthwhile, if now consolidated drifting in it might give access to the mica zone. Otherwise much care must be exercised since there appears to be not over 20-25 feet of possible rock cover (at -16° of inclination) over the lower end of the incline in which to work. With proper precautions drainage of much of the stope to the present face of incline by a diamond drill hole should be feasible. Other holes might give credence to the "mica column" legend.

In good hands this feldspar-mica project has some merit. I concur with the recommendations of the Field Team.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
JUL 29 1955

July 28, 1955

Memorandum

To: Operating Committee, DMEA, Washington, D. C.

From: Field Team, DMEA, Region V, Knoxville, Tennessee

Subject: DMEA-3860 (Mica)
Ed Boone, Spruce Pine, North Carolina
The Goog (Rock) Mine, Yancey County, North Carolina

Reference: Mr. Anderson's phone call, July 27.

After discussion with the field examiners, we reaffirm our recommendation for continuation of the inclined crosscut begun in 1944.

A vertical drill hole would be impractical, as the pegmatite is almost vertical and it would be easy to miss the target either by slight deflection of the drill, or by a slight roll of the pegmatite. Drilling a -18° hole, 161 feet long, from an underground station at the heading of the incline also appears to be undesirable. At a relatively inaccessible locality like this, unit costs on a single hole, 300 feet or less, would be high. We believe the original plan of exploration as proposed by Griffitts in 1944 and partly carried out at that time is the most practical method of exploring this pegmatite, even though as pointed out by Mr. Anderson it will require over $6000 to reach the pegmatite.

Robert A. Laurence
Robert A. Laurence
Executive Officer
DMEA Field Team, Region V

Wm. A. Beck
Wm. A. Beck, for V. J. Lynch
Member, Bureau of Mines

July 27, 1955

Mr. W. C. Anderson calling Mr. R. A. Laurence, Knoxville, Tenn.

Re: Docket No. DMEA-3860 - Mica
Ed Boone
Goog Rock Mine
Yancey County, North Carolina

Mr. Anderson: I am working on the Goog Mine - Docket No. 3860.

Mr. Laurence: Goog Rock is the name of the mine.

Mr. Anderson: It is proposed to sink the shaft 161 feet beyond where it is now to a total depth of 318 feet. The total amount of contract is $10,400, $40 a foot on the incline and drifting. Can we justify 161 feet(at $40 a foot) of additional shaft in the country rock or should some drilling be done as Stage I.

Mr. Laurence: We felt that drilling would be a good bit of expense. We go along with the recommendations made to Colonial Mica Corporation. They were convinced when they had 300 feet to go, and we feel that their recommendations are just as good now. We should have a drill hole at the end of the pocket but it would be better to get up on the surface and drill a vertical hole 300 feet.

Mr. Anderson: What is the minimum job a drilling contractor will do?

Mr. Laurence: $10 a foot for a couple hundred feet. If there was enough of them (small jobs) it would not be so expensive.

Mr. Anderson: Maybe you could give us a supplemental report concerning the advisability of doing some drilling.

Mr. Laurence: I would first like to talk with the field men. They will be back next week.

Mr. Anderson: Ok.

WCAnderson:gad 7/27/55
Copy to: Docket
Division
Mr. Anderson

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

RECEIVED
JUL 25 1955

July 22, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tenn.

Subject: Field Examination Report - DMEA-3860 (mica) Ed Boone, Spruce Pine, N. C. Goog Rock Mine, Yancey Co., N. C.

Enclosed are four copies of the subject examination report and six extra copies of the map.

The objective of the work begun under Colonial Mica Corp., and abandoned before completion appears to be as good now as it was then. Therefore, we recommend approval of a unit-cost contract to provide for completing the incline and driving drifts and/or raises, as outlined in the report.

Please note that the correct name of this mine is The Goog Rock Mine, not Goog(Rock Mine) as it is in the application. If a contract is prepared, we suggest deletion of the parentheses.

Robert A. Laurence
Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch, Member
Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
7-29-55
(date)

RECEIVED
JUL 25 1955

ON-SITE Report

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM REPORT, REGION V

ON

DMEA-3860, GOOG ROCK MINE (mica-feldspar)
Yancey County, N. C.

BY

R. A. Laurence, Geologist, U. S. G. S.
K. H. Teague, Geologist, U. S. G. S.
D. H. Amos, Geologist, U. S. G. S.

and

Lawrence E. Shirley, Mining Engineer
U. S. Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
7-29-55
(date)

July 21, 1955

FIELD EXAMINATION REPORT
on the

GOOG ROCK MINE, DMEA-3860 (mica-feldspar)

RECEIVED
JUL 25 1955

Applicant: Ed Boone, Spruce Pine, North Carolina

Work was started on the program outlined in the application during World War II. It was suspended when the Colonial Mica Corporation stopped buying non-ruby mica. There has been no change in the target area since that date. The examiners are of the opinion that the deposit has merit for exploration assistance.

This deposit was examined on July 14, 1955. Messrs. Ed Boone and B. G. Thomas, Jr. accompanied the examiners on the inspection which required three hours.

The Goog Rock Mine is 1.25 miles N. 47° E. of Micaville, Yancey County, North Carolina. Approximately 2400 feet of access road will be needed to make the crosscutting incline portal accessible by jeep.

The applicant has spent his entire life in the feldspar and mica industry. He is competent to conduct the proposed work. Area under lease is adequate for the proposed project. The general position of the crosscutting incline is shown on the attached sketch.

There are no surface facilities on the property. Extent and distribution of existing workings are described in the following report and maps prepared by W. R. Griffitts, U. S. G. S. in June 1944. Work that was underway at that time was continued until November 5, 1944 when work was suspended because the mine could not be brought into production before the Government suspended the buying of non-ruby mica.

" The country rock is a hybrid variety of mica gneiss that has been termed migmatite in previous reports. It consists of lenses of quartz and feldspar 1 to 3 inches long separated by thin layers of mica. The parallel orientation of the lenses gives the rock a banded appearance, and the cleavage of this rock is due to the parallel flakes of mica between the lenses. The mica layers bend around the lenses, hence the cleavage is not everywhere well developed. The strike of the layering in the rock ranges from N. 45° E. to N. 60° E. and the dip ranges from 60 to 80 degrees southeast. Near the large pegmatite bodies, especially in the tunnel, there are streaks and lenses of pegmatite in the country rock, and in places at least half the rock is pegmatite."

"The pegmatite is composed of oligoclase (Ab 75), gray and pink microcline, quartz, and mica, with small amounts of thulite, calcite, and garnet. The garnet occurs as individual crystals and as masses intergrown with quartz. Biotite is common, especially in the small cuts north and east of the two larger cuts. Near the middle of the pegmatites are masses of gray quartz. The upper part of the eastern pegmatite is said

to have consisted chiefly of microcline, whereas the lower part was oligoclase-rich."

"The eastern pegmatite is an elongate body about 35 feet in maximum thickness and about 140 feet in vertical dimension. It narrows to about 5 feet near the upper and lower edges; the upper edge has been eroded and the lower edge has not yet been reached in the mine. The pegmatite has been exposed for 400 feet along the strike. It plunges southwest an an angle of about 30 degrees."

"The western pegmatite is probably similar in shape and orientation. Its average thickness is about 10 to 15 feet, and its maximum thickness, at the north end of the cut, is 30 feet."

"As mentioned in the discussion of country rocks, numerous small masses of pegmatite occur in the country rock. Some masses of pegmatite occur in the country rock, are entirely surrounded by pegmatite."

"There appear to be two modes of occurrence of the mica. Along the east wall of the west cut (near the crosscut) are books of muscovite and biotite that occur in small lenses and fingers of pegmatite in the country rock. Some mica books appear near the bottom of the east wall of the east cut. The mica in these hanging-wall zones is not reeved, but books more than 3 inches across were observed. Much of this mica does not sheet well. Mica also occurs with quartz in a column that plunges southwest near the middle of the larger pegmatite. This is the zone from which most of the mica has been taken. The column cannot now be seen because the unmined portion lies beneath the debris from the cave-in. It is reported to have lain 30 or 40 feet above the inclined floor of the cut and to have pitched about 30° southwest."

"The mica is rum in color. It is marked by A-structure, with intervening flat portions. From 60% to 70% is reported to be stained."

"The mine was named Goog Rock after a Mr. Guggenheimer, one of the early operators."

"The Clinchfield Products Corporation is said to have mined the western cut in 1912 and 1914. Since 1916 the Consolidated Feldspar Corporation has owned the mine. The eastern cut was started in 1916. In 1923 and 1924 a Mr. Blake worked the eastern cut for feldspar, and from 1927 to 1940 the mine was leased to W. F. Deneen, who worked in both cuts." After a large cave-in occured near the heading in 1939 or 1940, the eastern cut was abondoned, and in 1940 all operations at the mine ceased."

"Total production of mica during the years 1925-26, 1928-29, and 1935-39, as listed in U. S. Geological Survey Bulletin 936-A, has amounted to 16 pounds clear sheet, 8,384 pounds stained sheet, and 18,656 pounds punch mica. Mr. Deneen claims to have sold annually mica valued

at $10,000. Total feldspar sales were reported to have amounted to $100,000."

"The Consolidated Feldspar Corporation started an incline near the river, with intentions of intersecting the mica column at a point 40 feet below the bottom of the cut. The planning of this incline involved the projecting of the mica column about 90 feet beyond its last accurately known position. The known irregularity of most pegmatite deposits can allow little confidence in the complete accuracy of of such an extrapolation."

"The incline should reach the center of the pegmatite with a total length of about 318 feet. The theoretical bearing would be S. 48° 15' E. and the throretical slope 18° 22' or 33.2%."

"If the incline does not intersect the mica zone, drifts can be driven to the northeast and southwest in a search for it. The most certain method of finding the mica would be to drift northeast for about 60 feet. If this does not locate the mica, a raise of about 30-feet should intersect it. The raise should be extended to the cut to provide ventilation for the incline.

"It is possible that other pegmatites may be encountered in the driving of the incline."

The operation by the Consolidated Feldspar Corporation began on April 10, 1944 and was suspended on November 5, 1944. Work completed consisted of dewatering the old mine to permit an accurate survey and the driving of 157 feet of 6' x 7' crosscutting incline at a - 16° slope. The Colonial Mica Corporation advanced the Operator $4518.69 for this work.

As pointed out in Griffitts 1944 report the inclined crosscut will need to be about 318 feet in length, with the possible additional requirements of approximately 100 feet of drift and raise. As 157 feet of the incline has been completed, only 161 feet of crosscut will be needed. This incline is now filled with water, but it can be removed in about 10 hours of pumping time. Although, as indicated in Griffitts' report approximately 50 percent of the mica may be stained, there appears to be an exwellent possibility that significant reserves of strategic quality mica exists at this deposit. Therefore, exploration assistance is recommended as follows:

Construct approximately 2400 feet of access road.
Construct toolhouse - Hoist House
Construct exploder and powder magazines
Drive 160 feet of crosscutting incline at -(16° - 18°).
Drive 100 feet of drift or raise.

Estimated Cost:

Construct access road -	
Bulldozer (D-6 or equiv., 40 hrs @ $10/hr.	$400.00
Toolhouse-hoisthouse ,10' x 20'	100.00
Powder magazine	25.00
Exploder magazine	13.00
Drive 260 feet of 6' x 7' incline(@ 18°), drift, and raise (130 shifts)	
Labor:	
1 - miner @ $1.50/hr.	$1,560.00
1 - Hoistman @ $1.25/hr	1,300.00
2 - Laborers @ $1.00/hr.	2,080.00
Equipment: (rental)	
Compressor, pump, drill and jackleg @ $250/mo.	1,625.00
Hoist @ $50/Mo.	325.00
Blower @ $10/Mo.	65.00

Supplies:

Explosives	$850.00	
Drill steel	350.00	
Gasoline, oil and electricity	450.00	
Ventilation hose	200.00	
Small tools and pipe	450.00	
Miscellaneous	371.00	
Compensation insurance	494.00	
Unemployment insurance and Soc. Sec.	200.00	
Sales Tax	80.00	$10,400
Estimated Total cost.....		$10,938.00

Geologists: R. A. Laurence
K. H. Teague
D. H. Amos,
U. S. Geological Survey

and

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

July 21, 1955

z

Docket File
Surname:
Anderson
Houk
Selfridge
Hyman

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

JUL - 1 1955

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Docket No. DMEA-3060 - Mica-Feldspar
Ed Moore
The Goog (Rock Mine)
Yancey County, North Carolina

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it necessary.

Copies of memoranda from T. A. Nelson of the Geological Survey, dated June 24, 1955, and from H. F. Dietrich of the Bureau of Mines, dated June 27, 1955, are enclosed for your information.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (WB)

Approved:

/s/ Robert W. Geehan (WB)
Member, Bureau of Mines

Thor H. Kiilsgaard (WB)
Member, Geological Survey

Enclosures 4

WCAnderson:pk 6/30/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.L.

Docket File
Surname:
Anderson
Houk
Kiilsgaard
Gerhan
Selfridge
Johnson

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

JUL - 1 1955

Mr. Ed Boone

Spruce Pine, North Carolina

Re: Docket No. DMEA-3860 - Mica-Feldspar
Ed Boone
The Goog (Rock Mine)
Yancey County, North Carolina

Dear Mr. Boone:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee, for further consideration and possibly a field examination.

The Regional Office will contact you at an early date if an examination is to be made. Any assistance that you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

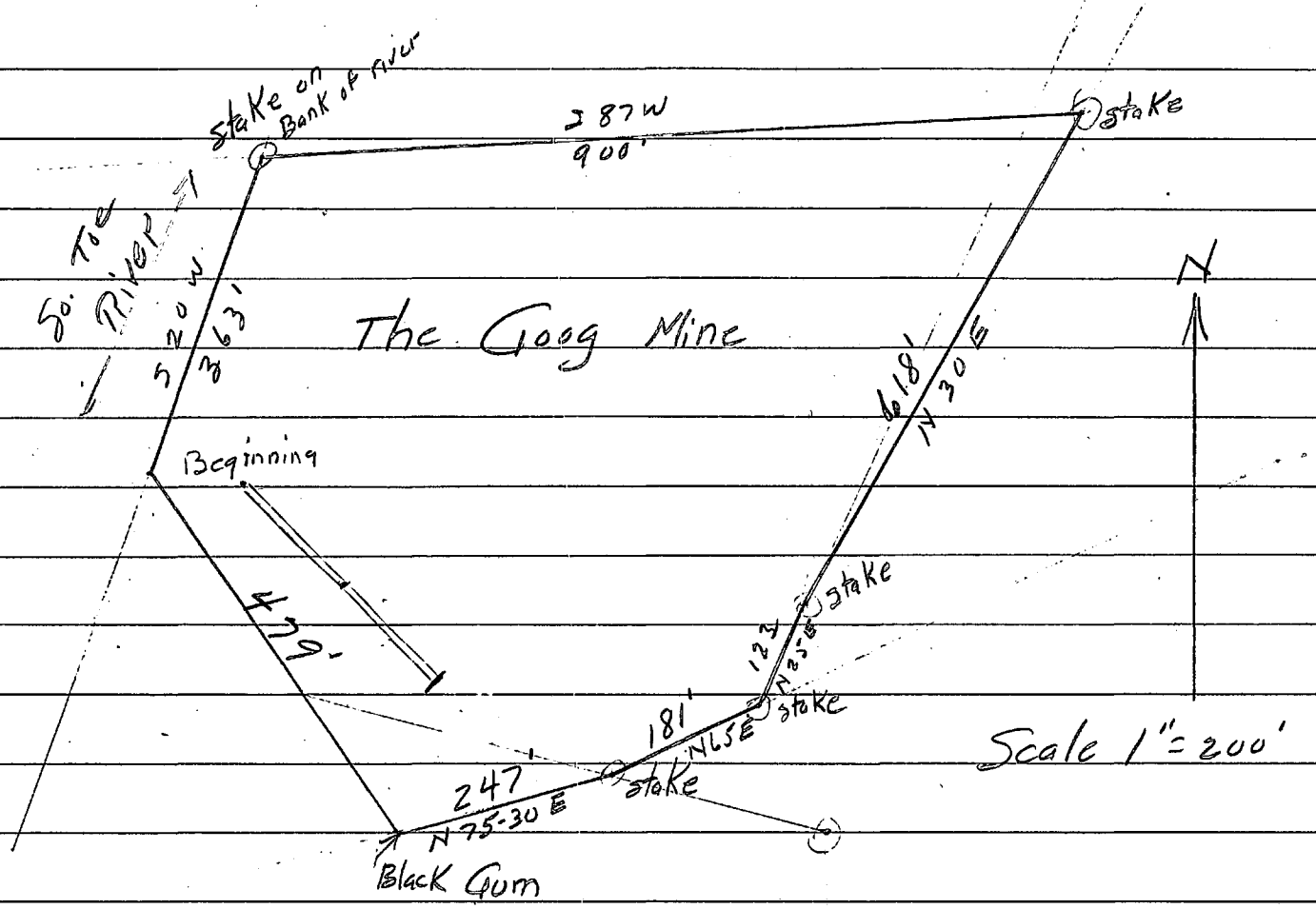
C. O. Mittendorf

Administrator

WCAnderson:pk 6/29/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.S.

DMEA-3860 - Ed Boone



UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
WASHINGTON 25, D. C.

RECEIVED
JUN 28 1955

June 27, 1955

Memorandum

To; Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA - 3860 (mica)

Applicant: Ed Boone

Name and Location of Property: The Goog Mine
Yancey County, North Carolina

Date Application Rec'd by Br. of Ceram. & Fert. Mat: June 21, 1955

Comments:

1. Proposed exploration is not explicit and the estimate of expenditures should be made on a unit-cost basis.

2. Although it would be desirable for the applicant to furnish more complete information, it appears that a visit by an examiner would furnish more useful data.

3. This deposit appears to have possibilities for the development of strategic mica.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

RECEIVED
JUN 2 5 1955

June 24, 1955

Re: DMEA-3860
Ed Boone
The Goog (Rock Mine)
Yancey Co., N. C.
$12,408 - Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application

The applicant probably knows from first hand experience where mica may be found in this mine. That 208 feet of incline at $60.00 per foot is warranted may be questioned. Perhaps there is a less costly way to the "mica vein under the old mine."

Referral to the Field Team is indicated and recommended.

N. E. Nelson

N. E. Nelson

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

June 21, 1955
Subject: DMEA-3860
Re: Exploration Assistance
The Goog

Ed Boone
Spruce Pine, N.C.

Dear Mr. Boone:

The receipt of your application dated June 16, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

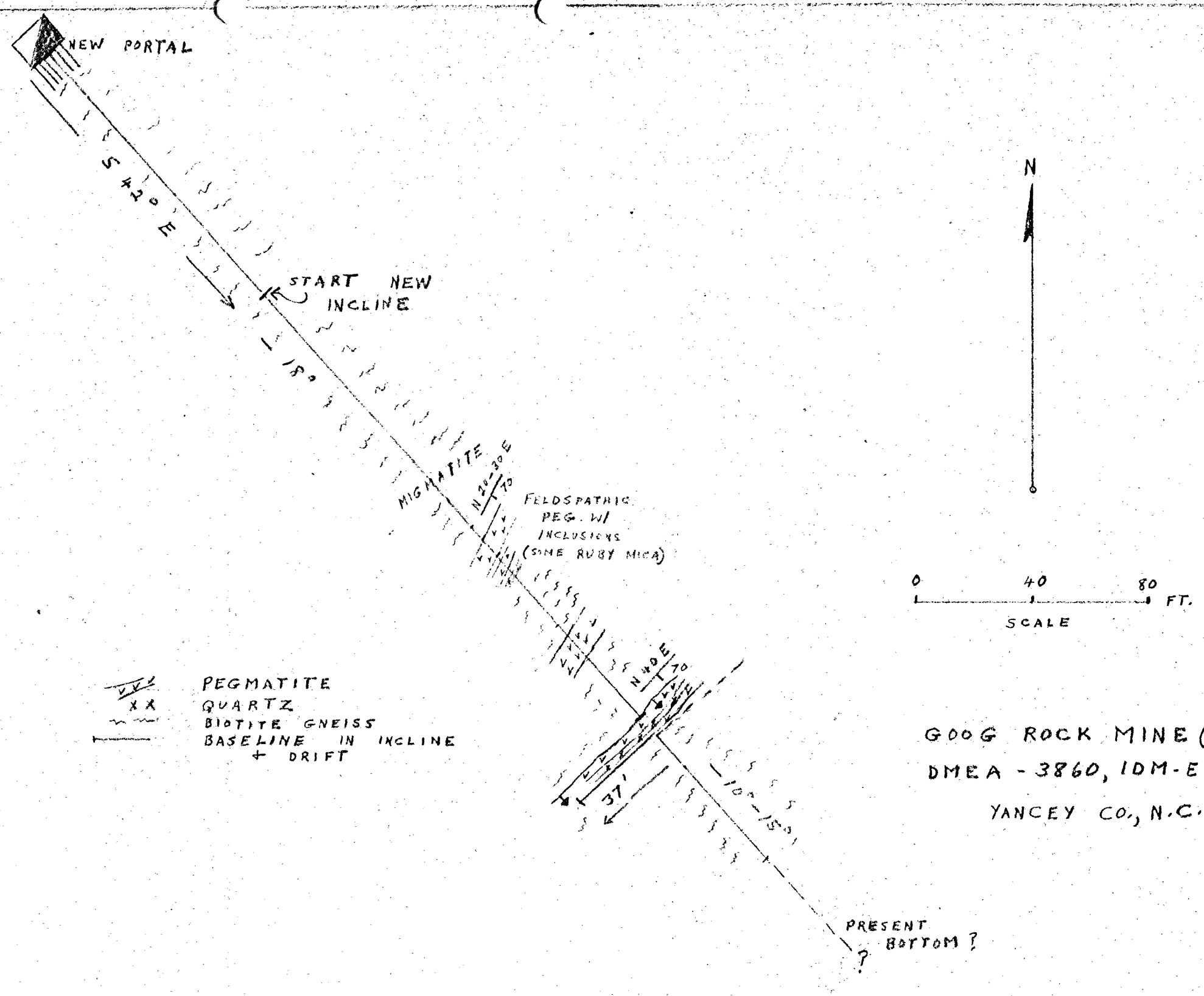
Your application has been assigned Docket Number DMEA-3860 and referred to the Nonmetallic Minerals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

Extra copy of application enclosed herewith.



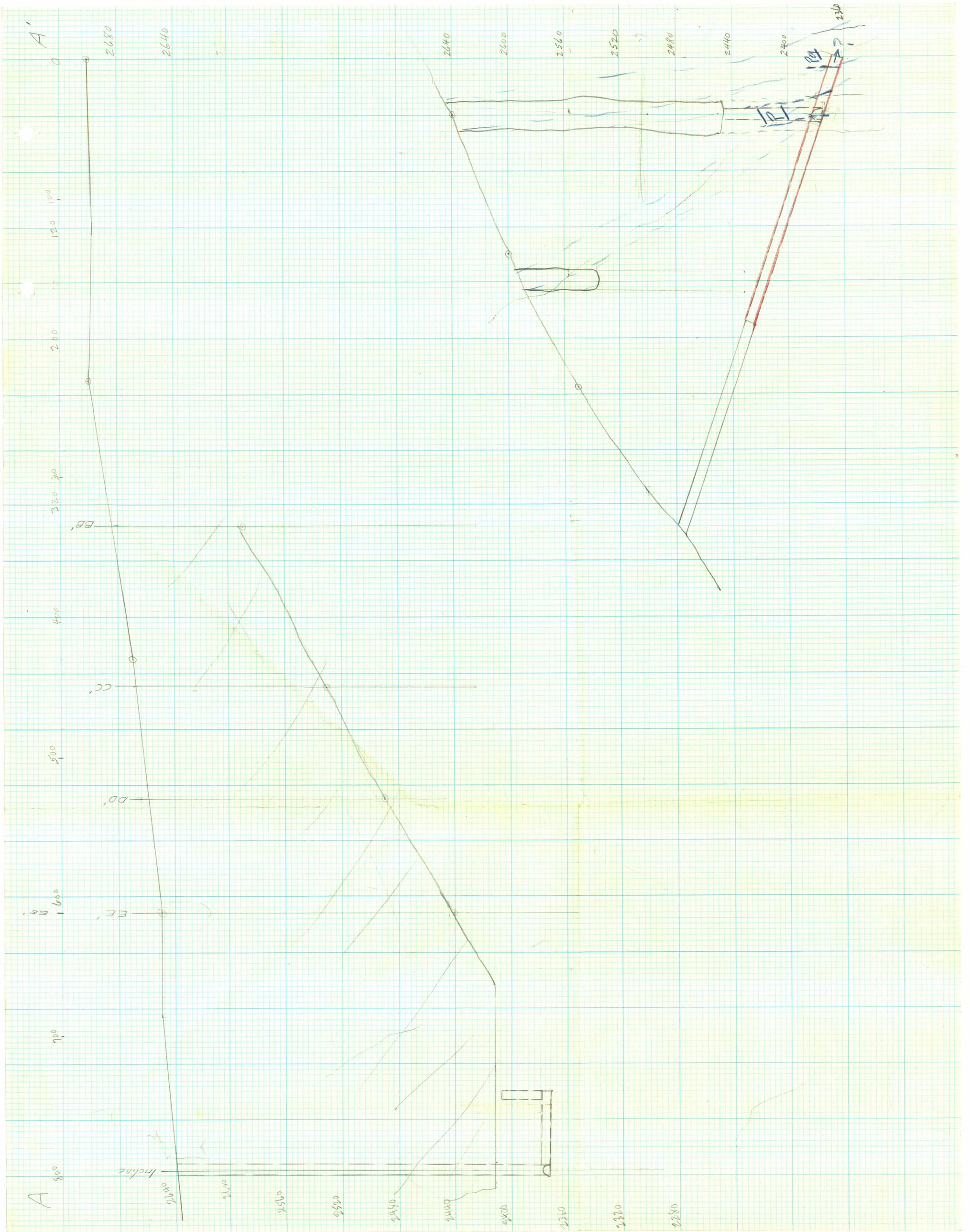
GOOG ROCK MINE (MICA)

DMEA - 3860, IDM-E 865

YANCEY CO., N.C.

TAYLOR . 5-16-56

LAST INSPECTION: MARCH 14, 1956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