DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3084

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Exploration Assistance

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

1 copy to USBM, USGS and Region VII

Routing Slip

To:	Code 600 Room 4637	Date	6/17/53
To:	~~Robertson~~	Date	6/19/53
To:	Feither	Date	6/19/53
To:	Open Corr	Date	9-14-53
To:	Code 600 Rm 4637	Date	9-15-53
To:	C-600	Date	10-13-53
To:	Open Corr	Date	11-13-53
To:	Code-600	Date	11-17-53
To:	Open Corr	Date	3-24-54
To:	130	Date	5-16-58
To:	110	Date	5-16-58
To:		Date	
To:		Date	
To:		Date	
To:		Date	

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Docket copy

TERMINATION AGREEMENT

It is agreed this 30th day of March, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Stancil & Jones, hereinafter called the "Operator," parties to that certain Exploration Project Contract Idm-2010 (Docket No. DMEA-3084), dated November 16, 1953, as amended, that:

1. All work and operations provided for in said contract shall be terminated as of January 14, 1954.

2. The Operator shall promptly render to the Government a full and final report and a final accounting of the units of work performed under the contract up to and including January 14, 1954. Any units of work performed after January 14, 1954, shall be for the sole account of the Operator, without contribution by the Government.

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

4. All rights of the Government under the contract with respect to certification of discovery or development, percentage royalty, and lien for payment, as provided in the contract, are preserved.

IN WITNESS WHEREOF, these parties have executed this Agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By Robert A. Lawrence
Robert A. Lawrence
Executive Officer, DMEA
Field Team, Region VII

STANCIL & JONES

By Carl Stancil Robin Hoffman Hart Chamberlin
(Partner)

By Aldon Jones
(Partner)

DOCKET COPY

Portin 2/9/54

EXPLORATION PROJECT CONTRACT

STANCIL AND JONES

DMEA-3084, Idm-E 640 (mica)

AMENDMENT NO. 1

Contract Idm-E 515, DMEA-3084, dated 16th day of November 1953, between the UNITED STATES OF AMERICA, Acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Carl Stancil and Alden Jones, of Jasper, Georgia, partners doing business as Stancil and Jones, hereinafter call "Operators", is amended as follows:

Under "Agreed Unit Costs," change the first item to read:

"Bulldozing trenches, 30 hrs. @ $13/hr.....$390.00".

This amendment shall not be construed to increase the estimated t total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of the costs which the Government may be obligated to pay, under the provisions of Article 4 of the contract form.

January 15, 1954.

THE UNITED STATES OF AMERICA

By Robert A. Lawrence
Executive Officer, DMEA
Field Team, Region VII

STANCIL & JONES

By Carl Stancil
Carl Stancil, Partner

By Alden Jones
Alden Jones, Partner

xm

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RAL/sm
001

Beck
O'Neill
Opr. Com. 4
Finance Office
Files

January 21, 1954

Memorandum

To: Operating Committee - D M E A - Washington

From: Field Team, Region 7 - Knoxville, Tennessee

Subject: DMEA-3084, Idm-E 640 (beryl & mica) Brady (Cochran) Mine, Cherokee County Georgia. Stancil & Jones, Operators.

Enclosed herewith are 3 copies of Amendment No. 1 to the subject exploration contract, which changes the unit of work from completed trenches to hours of bulldozing. This was done, at the Operator's suggestion, because favorable conditions resulted in completion of the trenches in about half the estimated time and at slightly less than half the estimated cost. It was not necessary to use the two laborers or the hand tools.

It will be noted that the amendment provides for bulldozing at $13.00 per hour, although the application, dated June 9, 1953, gives the prevailing rate as $12.50 per hour. Mr. Jones states that, due to increased costs, the prevailing rate in that area for a D-7 tractor is $13.00 per hour. Inasmuch as there is still a net saving to the Government of $459.00 (90% of $510), we see no reason to contest this point, and accept the Operator's statement of the prevailing rate.

We suggest that, in future contracts which include bulldozing, the unit should be an hour's use of the equipment, rather than a completed trench or cut, as it is not always possible to estimate previously how many hours will be needed, and some leeway is therefore desirable.

Decision as to Stage II will be made upon receipt of report and recommendations from the field examiners, J. F. O'Neill of the Bureau of Mines and D. H. Ames, of the Geological Survey.

Robert A. Laurence, Executive Officer
DMEA Field Team, Region 7

Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

MF-200 (A)
(February 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 2 - 1953

DOCKET No. DMEA 3004

COMMODITY Mica and Beryl

Docket Copy

IDM-E 640

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 16th day of November, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Carl Stanell and Alden Jones Partners, doing business as Stanell & Jones
P. O. Box 173
Jasper, Georgia

hereinafter called the "Operator," as follows: and as set forth in Annexes I and II attached hereto and made a part hereof:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to the mineral rights in that certain land situated in the State of Georgia, County of Cherokee, described as follows:[3] set forth in Annex I

the Operator represents and undertakes:[4]

(*a*) ~~That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims or encumbrances, except as set forth in the subordination agreement of holders herein attached:~~

(*b*) That the Operator is a lessee, in possession and entitled to possession, and the Owner's Consent to Lien is attached.

The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for[5] Beryl and Mica

in or upon the described land; and shall bring the project to completion within a period of Six (6) months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 90 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $4,027.50, which is 90 percent of $4,475.00, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows: See Annex II substituted for that part of 6(a) preceding the colon:

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

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

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales, or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be the gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided,* that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* _____

_____

_____

_____

_____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

STANCIL & JONES
(Operator)

By Carl Stancil Partner

By Calder L. Jones Partner

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

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

_____ [CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

EXPLORATION PROJECT CONTRACT
STANCIL & JONES
DOCKET NO. DMEA-3084

ANNEX I

The mineral rights in the land referred to in Article 2 of the contract form were leased to Alden Jones for five years by Harold J. Brady by an instrument dated June 4, 1953, and recorded in Book 24, page 482, Clerk of Courts office, Cherokee County Court House, Canton, Georgia.

The land is more particularly described as follows:

> Lying and being in the 4th district and 2d section of Cherokee County, Georgia, and being that part of lot of land number 295, lying west of a line beginning at a rock corner at a bunch of timber on the north line of said lot; thence running due south through said lot to a rock corner near a poplar tree at the south line of said lot, and containing 79 acres more or less.

EXPLORATION PROJECT CONTRACT
STANCIL & JONES
DOCKET NO. DMEA-3084

ANNEX II

The following provisions are in lieu of all of paragraph (a) of Article 6 which precedes the colon:

If the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after a sufficient, complete, final report and final account referred to in the contract 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, The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2, 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 of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for 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. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

EXPLORATION PROJECT CONTRACT
STANCIL & JONES
DOCKET NO. DMEA 3084

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica and beryl is to be accomplished in two stages by the work indicated on the attached map entitled "Sketch of Brady (Cochran) Mine Cherokee Co. DMEA 3084 (mica-beryl)" and described below.

Stage I

Four trenches each about 200 feet long and 12 feet by 4 feet in cross section shall be cut by bulldozer across the probable northwest extension of the pegmatite.

Stage II

After completion of Stage I not more than 100 feet of test pits, drifts, or adits shall be sunk or driven. The Operator shall provide one powder magazine and one Cap magazine

The location, direction, and extent of all work shall have the prior approval of the Government

Agreed Unit Costs

4 Trenches @ $225.00/trench 1/	$900.00	
Test pits, drifts, or adits 100 feet @ $35.00/ft	3,500 00	
One powder magazine @ $50.00/ magazine 2/	50.00	
One cap magazine @ $25.00/magazine 2/	25.00	
Total Agreed Unit Costs		$ 4,475.00
Government Participation @ 90%		$4,027.50

1/ The unit consists of a completed trench.

2/ The unit consists of a completed magazine

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 1953

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

In a lease dated June 4, 1953 and recorded in Book 24, page 402, official records of said county.

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

2/ [illegible] and [illegible], Jasper, Georgia

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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

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

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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

4. Changes and added provisions _____

Dated this 22nd day of Oct, 1953.

_____ [Seal]

H. J. Brady [Seal]

_____ [Seal]

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

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

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

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(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 of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, as follows:

(a) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(b) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

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

c. Definitions.--As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

d. Lien for Payment.--To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Interior—Duplicating Section, Washington, D. C. 47318

FILE COPY
Surname:

Houk
Butler
Hollund
Talbert
Lefurge
Fujimoto

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

JUN 11 1954

Stancil and Jones
P. O. Box 173
Jasper, Georgia

Re: Docket No. DMEA-3084 - Beryl-Mica
Brady (Cochran) Mine
Cherokee County, Georgia
Contract No. Idm-E640

Gentlemen:

We are pleased to inform you that your performance of exploration work under the subject contract has been acceptable to the Government, and the account relating thereto has been closed. The final audited and settled account shows:

Total claimed for units of work performed	$390.00
Total Government contribution at 90 percent	$351.00

Your attention is called to the provision of the contract which requires you to keep and preserve your records and accounts of this transaction for a period of three years for possible future reference.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the exploration contract. In the absence of such certification, the Government retains no claim or lien against the property or any production therefrom.

The Government is grateful for your participation in the exploration program of the Defense Minerals Exploration Administration.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

JHopkins:ag 6/7/54
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3061
Mr. Larrabee, G-232
GSA Bldg.
Mr. Chambers
Mr. Houk

Copy to signer of Owner's Consent to Lien
Mr. Harold J. Brady
(Attached to Field Team's copies for forwarding to proper address)

R.C.B.

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

Project Summary Report

By: James Hopkins June 8, 1954

1. Docket No. DMEA-3084 - Beryl-Mica
Contract No. Idm-E640
Brady (Cochran) Mine
Cherokee County, Georgia

Operators: Stancil and Jones
P. O. Box 173
Jasper, Georgia

Operator's Property Rights: Lease from Harold J. Brady dated June 4, 1954
Owner's Consent to Lien dated October 22, 1954

2. Contract: dated November 16, 1953

Work authorized:

Stage I

4 bulldozer trenches 200' x 12' x 4 @ $225.00	$ 900.00

Stage II

100 feet of test pits, drifts or adits @ $35.00	$3,500.00
1 powder magazine @ $50.00	50.00
1 cap magazine @ $25.00	25.00
Total agreed unit costs	$4,475.00
Government participation @ 90%	$4,027.50

Amendments:

Stage I

No. 1 dated January 15, 1954, under "Agreed Unit Costs," first item is changed to read -

Bulldozing trenches 30 hours @ $13.00 $390.00

Work completed:

Bulldozing trenches 30 hrs. @ $13.00/hr	$390.00
Total accepted cost	$390.00
Government participation @ 90%	$351.00

Work was begun January 11, 1954 and was completed on January 14, 1954.

Contract was terminated by mutual agreement on March 30, 1954.

3. Audit Certificate: Report of Review dated May 5, 1954.

Total cost as billed by Contractor	$390.00
Exceptions	none
Total accepted cost	$390.00
Government participation @ 90%	$351.00

4. Certification: No certification of discovery or development was issued.

5. Comments:

The operation was conducted in an efficient and workman like manner.

Geological Premise: The premise that a worthwhile supply of beryl and good quality non-ruby mica would be found by the proposed program proved erroneous.

Geological Criteria upon which work was based:

1. Existence of a pegmatite in excess of 100 feet in thickness.

2. Occurrence of mica books up to 6 to 8 inches and beryl crystals 6 inches in diameter, analyzing over 12 percent BeO.

3. Past production

Criteria developed by bulldozer trenching - none.

Future possibilities:

Mica and beryl do not exist in sufficient quantities to warrant a mining operation.

Recommendation:

1. No additional exploration work is warranted.

2. Concur with field team to terminate the project by mutual agreement.

The commodity Divisions of the Bureau of Mines and Geological Survey concur in the recommendations.

Room 13, Post Office Building
Knoxville 2, Tennessee

June 1, 1954

Mr. R. J. Brady
Atlanta Athletic Club
Atlanta 1, Georgia

Re: DMSA-3064, Lm-8 6(2) (Brady)
Stanell and Jones
Brady (Graham) Mine
Cherokee County, Georgia

Dear Mr. Brady:

On November 16, 1953, a contract was made with Stanell and Jones, to undertake $4,475.00 worth of exploratory work at the Brady mine, of which you are the owner. The Government's share of this cost was to be $4,027.50. Work was to be done in two stages, approval of the second to be dependent upon results of the first.

During the week of January 11, 1954, the operators completed the bulldozing work under Stage I. Results indicated that it was undesirable to do the rest of the work, and on March 30 the contract was terminated by mutual agreement of the Government and the Operator. Total cost of the work done was $390.00, of which the Government's contribution was $351.00.

It is impossible that a certificate of discovery will be issued. However, the final report on this project is being reviewed by our Washington staff, and both you and the Operator (Stanell & Jones) will be notified whether or not certificate of discovery is issued. If it should be issued, the maximum amount of the lien against future production on this property would be $351.00. If no certificate is issued, you will be advised by letter that there is no lien resulting from this contract. As the responsibility for this decision rests with our Washington staff, you will be notified by the Administrator instead of this office.

Very truly yours,

Robert A. Lawrence
Executive Officer
DMSA Field Team, Region VII

RAL/mgk Beck
O'Neill
file
Operating Committee
Division DMSA file

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

May 18, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3084

Contract Number: Idm E-640

Name and Location of Property: Brady (Cochran) Mine
Cherokee County, Georgia

Date of Field Team's Final Report: May 3, 1954

Date Rec'd. by Ceramic and Fertilizer Materials Br.: May 7, 1954

Field Team's Recommendation:

1. No certification of discovery or development.

Comments:

1. Contract was in effect from January 11, 1954 to January 14, 1954.
2. Mica recovered from the operations was judged by personnel of GSA Buying Depot to be non-strategic quality.
3. Expenditures -

Total approved	$4,475
Total cost	390
Gov't. share of cost	351
Value	None

Recommendation:

I concur in the field team's recommendation to deny certification of discovery or development.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:
G-MD-CNM

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

RECEIVED
12 1954

May 11, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3084 (beryl-mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey.
Applicant: Stancil & Jones
Name of property: Brady mine
Location of property: Cherokee Co., Ga.
Date of field team report: April 28, 1954
Authorship of field team report: W. A. Beck and K. H. Teague.
Field team's recommendation: 1. Termination before completion.
2. No certification.

Comments: Deposit cannot economically be worked for mica or beryl.

ACTION RECOMMENDED:
Follow field team's recommendation.

D. M. Larrabee

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

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

May 3, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, D M E A- Region VII

Subject: Final Report - DMEA-3084, Idm-E 640. Stancil & Jones. Beryl-Mica. Cherokee County, Georgia

Transmitted herewith are four copies of the subject final report with a copy of the results of analyses attached to each copy.

The Field Team does not believe that a certification of discovery should be made.

Wm. A. Beck, Acting Executive Officer
DMEA Field Team, Region VII

Kefton H. Teague, Geologist
U. S. Geological Survey.

Z

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

COPY

Room 13, Post Office Bldg.
Knoxville 2, Tenn.

May 3, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, D M E A - Region VII

Subject: Final Report - DMEA-3084, Idm-E 640, Stancil & Jones. Beryl-Mica. Cherokee County, Georgia

Transmitted herewith are four copies of the subject final report with a copy of the results of analyses attached to each copy.

The Field Team does not believe that a certification of discovery should be made.

/s/ Wm. A. Beck, Acting Executive Officer
DMEA Field Team, Region VII

/s/ Kefton H. Teague, Geologist
U. S. Geological Survey.

Z

Reviewed by
DMEA OPERATING COMMITTEE
5-7-54
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 - 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT

on

DMEA-3084, IdmE-640, Brady (Cochran) Mine (beryl-mica)
Cherokee County, Georgia

By

James F. O'Neill, Mining Engineer
U. S. Bureau of Mines

Dewey H. Amos, Geologist
U. S. Geological Survey

April 28, 1954

Reviewed by
DMEA OPERATING COMMITTEE
5-7-54
(date)

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 3 - 1954

FINAL REPORT
on
DMEA-3084, Idm-E-640, BRADY MINE
(Mica-Beryl)

Applicants: Stancil and Jones
c/o A. L. Jones, Jasper, Georgia

The Brady Mine (formerly Cochran) is located 2.5 airline miles N 78° E of Ball Ground, Cherokee County, Georgia.

Work started on subject project January 11, 1954 and was completed on January 14, 1954. A total of 780 lineal feet of 15 foot by 5 foot trench was bulldozed under Stage 1 of the contract. The location of the trenches was shown on a map attached to Interim Report of January 26, 1954. The work under Stage 1 was completed in 30 machine hours and an amendment to the contract has been effected basing payment on time (30 hours @ $13.00 per hour) rather than units completed, which resulted in a saving of $459.00 on the Government's share of the cost of Stage 1.

The work exposed a well zoned pegmatite which thins rapidly to the northeast. A beryl and mica bearing zone about 25 feet thick is exposed east of the quartz core near the existing shaft. It pinches out rapidly to the north along the strike and appears to wedge downward. The zone is present in the bottom of the shaft and in several pits south of it, giving an explored depth of about 25 feet and a length of 120 feet.

Beryl is scattered sporadically in the zone and appears most abundant near the outer (east) border. Average crystal size is 3/8 inches in diameter and less than 5 percent of them are larger than 1 inch. The crystal length is commonly about twice the diameter. Crystal count indicates an average of 0.1 percent beryl in the outer 5 feet of the zone. The remainder is less.

The mica occurs in large books; is green, clear, flat and hard, but clay stained. Some are curved, wavy and rulled. It is estimated that the zone contains 15 percent mica, of which 20 percent could be sheeted.

Channel samples were taken along the floor of trench No. 1 and in the shaft and cross cut at the bottom of the shaft as follows:

Reviewed by
DMEA OPERATING COMMITTEE
5-7-54
(date)

Sample Number	Size (Inches)	Length (Feet)	Location
1	6 x 6	9	From Core Northeast to No. 2
2	6 x 6	3	From No. 1 " " " 3
3	6 x 6	5	From No. 3 " " " 4
4	6 x 6	7	From No. 4 " " " 5
5	6 x 6	4	From No. 5 " " " 6
6	3 x 3	12	From No. 6 " " " 7
7	6 x 6	5	From No. 7 " " end of continuous cut.
8	6 x 6	16	From Core Southwest 16 feet
9	3 x 3	12	Along back of cross cut to shaft
10	3 x 3	19	Along NE wall from bottom of shaft to surface.

All of the samples were taken to the U. S. Bureau of Mines Tuscaloosa Station and analyzed for beryl and mica. The results obtained from the analysis are shown on the attached report.

J. F. O'Neill, Bureau of Mines and D. H. Amos, Geological Survey, were present on site during the period of the dozer work and cut the samples after the initial work was completed.

It is the opinion of the field team that this deposit could not be worked successfully for beryl or mica. Visual examination of the mineral occurrence appears confirmed by the analytical results, and after Stage 1 was completed the operator, at his own expense, attempted to mine at the best exposure in the trenches, which resulted in the recovery of 75 pounds of beryl and about 2 tons of mica. A shipment of processed mica was sent to Spruce Pine Depot and was rejected because of its non-strategic quality. This being confirmatory evidence of the opinions previously expressed by the field team, it was requested that the contract be terminated and a termination agreement was signed effective March 30, 1954.

Expenditures:

(a)	Total approved	$4,475.00
(b)	Total cost of project	390.00
(c)	Government share of cost	351.00
(d)	Government share of cost unexpended	3,676.50
(e)	Value of production during operation	None
(f)	Government royalty	None

The operation was conducted in an efficient and workmanlike manner as reflected by the completion of work under Stage 1 in 30 hours. The fairness and honesty of these operators is commendable by their willingness to sign amendment 1 and agree to settlement on an hour unit basis in lieu of the unit trench basis of the contract, with a net saving to the Government of $459.00.

J. F. O'Neill
U. S. Bureau of Mines

D. H. Amos
U. S. Geological Survey

April 28, 1954

JFO'Neill:al

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REGION VII, SOUTHEASTERN
BOX L
UNIVERSITY, ALABAMA

FREIGHT ADDRESS:
TUSCALOOSA, ALABAMA

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 - 1954

April 20, 1954

Memorandum

To: Mr. J. F. O'Neill, Mining Engineer, Mining Development Branch, Mining Division, Region VII

From: James S. Browning, Metallurgist

Subject: Determination of beryl and mica content of samples from Cochran mine, Pickens County, Georgia DMEA-3084 Service Request dated February 5, 1954

Attached are the results of analysis of the subject samples for beryl and mica content.

James S. Browning

James S. Browning, Metallurgist
Ores and Metals Branch
Metallurgical Division
Region VII

Attachment

JSBrowning:wjk

	Weight Grams	Weight Percent	Percent BeO
Sample No. 1			
+ 1/4 inch beryl crystals	233	0.6	
+ 1/4 inch mica	0	0.0	
+ 1/4 inch ore	5,577	14.0	
- 1/4 inch ore	34,020	85.4	0.052
	39,830	100.0	
Sample No. 2			
+ 1/4 inch beryl crystals	0	0.0	
+ 1/4 inch mica	5,033	16.9	
+ 1/4 inch ore	11,249	37.9	
- 1/4 inch ore	13,410	45.2	
	29,692	100.0	
Sample No. 3			
+ 1/4 inch beryl crystals	13	0.1	
+ 1/4 inch mica	1476	3.9	
+ 1/4 inch ore	17,933	48.0	
- 1/4 inch ore	17,946	48.0	
	37,368	100.0	
Sample No. 4			
+ 1/4 inch beryl crystals	16	0.1	
+ 1/4 inch mica	2,054	6.9	
+ 1/4 inch ore	15,196	51.2	
- 1/4 inch ore	12,386	41.8	
	29,649	100.0	
Sample No. 5			
+ 1/4 inch beryl crystals	104	0.4	
+ 1/4 inch mica	3,785	11.9	
+ 1/4 inch ore	13,826	43.5	
-1/4 inch ore	14,054	44.2	
	31,769	100.0	
Sample No. 6			
+ 1/4 inch beryl crystals	46	0.1	
+ 1/4 inch mica	2,001	6.2	
+ 1/4 inch ore	16,107	49.7	
- 1/4 inch ore	14,237	44.0	
	32,391	100.0	
Sample No. 7			
+ 1/4 inch beryl crystals	361	2.5	
+ 1/4 inch mica	1,147	4.1	
+ 1/4 inch ore	12,574	45.5	
- 1/4 inch ore	13,488	48.9	0.055
	27,570	100.0	

	Weight Grams	Weight Percent	Percent BeO
Sample No. 8			
+ 1/4 inch beryl crystals	29	0.1	
+ 1/4 inch mica	255	0.7	
+ 1/4 inch ore	13,427	38.9	
- 1/4 inch ore	20,850	60.3	
	34,561	100.0	
Sample No. 9			
+ 1/4 inch beryl crystals	25	0.1	
+ 1/4 inch mica	0	0.0	
+ 1/4 inch ore	4,335	24.0	
- 1/4 inch ore	13,711	75.9	
	18,071	100.0	
Sample No. 10			
+ 1/4 inch beryl crystals	150	0.3	
+ 1/4 inch mica	4,063	8.3	
+ 1/4 inch ore	17,248	35.1	
- 1/4 inch ore	27,697	56.3	
	49,158	100.0	
Composite shaft cut No. 9 and 10 (-1/4 inch)			0.052
Composite samples No. 2, 3, 4, 5, 6, and 8 (-1/4 inch)			0.018

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 34, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

April 2, 1954

Memorandum

To: Operating Committee, D M E A - Washington

From: Executive Officer, DMEA - Region 7

Subject: Termination Agreement on DMEA-3084, Idm-E 640. Stancil & Jones

Transmitted herewith are three duly executed copies of the subject agreement. The usual distribution of the other signed copies has been made.

Robert A. Laurence

Robert A. Laurence

FILE COPY
SURNAME:

140

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

Rewritten by

Anderson
Houk
Rubin
Hofflund
Selfridge
Williamson

MAR 25 1954

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

Re: Docket No. DMEA-3084
(Beryl-Mica)
Stancil & Jones
Brady (Cochran) Mine
Cherokee County, Georgia
Contract No. Idm-2640

Dear Mr. Laurence:

This responds to your memorandum dated March 8 requesting authorization to terminate the subject contract by agreement, prior to beginning any work under Stage II.

We concur in the Field Team's recommendation, and there is enclosed a draft of an agreement which you may use in this case.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (2LB)

Enclosures 6

Approved:

J. H. Hedges
Member, Bureau of Mines (2LB)

Philip W. Guild
Member, Geological Survey (2LB)

WCAnderson/HCRubin/emd 3/17/54
Copy to: Docket
Adm. R. File
Op. Comm.
Mr. Dietrich, 3061
Mr. Larrabee, G-232 GSA Bldg.
L. G. Houk
J.L.Hofflund
H. C. Rubin
chron.
pending

R.C.R. 3-25-54

File Copy
Surname:
Anderson
2/mch

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

March 16, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Request by field for termination.

1. Docket No. DMEA-3084 - Beryl-Mica
Contract No. Idm-E640
Brady (Cochran) Mine
Cherokee County, Georgia

Operator: Stancil & Jones
P. O. Box 173
Jasper, Georgia

2. Contract - dated November 16, 1953.
Work authorized:

Stage I:

4 Bulldozer trenches @ $225.00/trench	$900.00

Stage II:

100 feet test pits, drifts or adits @ $35/ft.	3,500.00
New buildings	75.00
Total agreed estimated costs	$4,475.00
Government participation @ 90%	$4,027.50

Amendments - No. 1 - 1/15/54 - changes Stage I to read:
"Bulldozer trenches, 30 hours @ $13/hr. $390.00

Work completed:
Stage I - Bulldozer trenches, 30 hrs. @ $13/hr. $390.00

Government participation @ 90% $351.00

Stage I of contract completed on January 14, 1954. Additional work by contractor at his own expense resulted in recovery of about 2 tons of non-strategic mica and 75 pounds of beryl crystals.

3. Comments:

Geological premises - The premise that a worthwhile supply

R.C.J. 3-25-54

of beryl and good quality non-ruby mica would be found in the northeast area of this property proved wrong. Sufficient trenching was done to indicate that the mineral bearing zone is limited and the quality of minerals is not promising and scattered sporadically through deposit.

Geological criteria upon which work was based -

1. Pegmatite in excess of 100 feet in thickness
2. Occurrence of mica books up to 6 by 8 inches, and beryl crystals 6 inches in diameter, analyzing over 12 percent BeO.
3. Past production.

Criteria developed by bulldozer trenching - none.

Future possibilities: Mica and beryl occurrence and quality not sufficient to support a mining operation.

Recommendations:

1. No additional exploration warranted.
2. Concur with field team to terminate the project by mutual consent.

W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 3/16/54
Copy to: Admr. R. File
Docket File
Mr. Houk

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

March 16, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Request by field for termination.

1. Docket No. DMEA-3084 - Beryl-Mica
Contract No. Idm-E640
Brady (Cochran) Mine
Cherokee County, Georgia

Operator: Stancil & Jones
P. O. Box 173
Jasper, Georgia

2. Contract - dated November 16, 1953.
Work authorized:
Stage I:
4 Bulldozer trenches @ $225.00/trench $900.00

Stage II:
100 feet test pits, drifts or adits
@ $35/ft. 3,500.00
New buildings 75.00
Total agreed estimated costs $4,475.00

Government participation @ 90% $4,027.50

Amendments - No. 1 - 1/15/54 - changes Stage I to read:
"Bulldozer trenches, 30 hours @ $13/hr. $390.00

Work completed:
Stage I - Bulldozer trenches, 30 hrs. @ $13/hr. $390.00

Government participation @ 90% $351.00

Stage I of contract completed on January 14, 1954. Additional work by contractor at his own expense resulted in recovery of about 2 tons of non-strategic mica and 75 pounds of beryl crystals.

3. Comments:

Geological premises - The premise that a worthwhile supply

of beryl and good quality non-ruby mica would be found in the northeast area of this property proved wrong. Sufficient trenching was done to indicate that the mineral bearing zone is limited and the quality of minerals is not promising and scattered sporadically through deposit.

Geological criteria upon which work was based -

1. Pegmatite in excess of 100 feet in thickness
2. Occurrence of mica books up to 6 by 8 inches, and beryl crystals 6 inches in diameter, analyzing over 12 percent BeO.
3. Past production.

Criteria developed by bulldozer trenching - none.

Future possibilities: Mica and beryl occurrence and quality not sufficient to support a mining operation.

Recommendations:

1. No additional exploration warranted.
2. Concur with field team to terminate the project by mutual consent.

W. C. Anderson
Nonmetallic Minerals Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 418, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

MAR 10 1954

March 8, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team D M E A - Region 7

Subject: DMEA-3084, Idm-E 640 (Beryl-mica) Stancil & Jones, Jasper, Ga.
Brady (Cochran) Mine, Cherokee County, Ga.

Examination of samples taken to the Bureau of Mines at Tuscaloosa, Alabama, has confirmed the original field conclusion that results of Stage I are not sufficiently promising to justify any of the work outlined under Stage II. The Field Examiners, Mr. Teague and Mr. Amos of the Geological Survey, and Mr. J. F. O'Neill of the Bureau of Mines, recommend termination.

Work by the Operator, at his own expense after completion of Stage I, resulted in recovery of about 2 tons of mica, but a shipment from this, sent to the Spruce Pine Depot after processing, was reject was being of non-strategic quality. This same work yielded about 75 pounds of beryl crystals.

The Field Team requests permission to terminate the contract, by mutual consent with the Operator, without beginning Stage II.

Robert A. Laurence
Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

Wm. A. Beck
Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 3 1954

February 2, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region VII

Subject: Amendment No. 1, DMEA-3084, Idm-E 640 (mica) Stancil & Jones Brady (Cochran) Mine. Georgia

Please correct the following error on all copies of Amendment No. 1 to the subject contract:

On the first line of the Amendment, the contract number is incorrectly given as Idm-E 515. This should be changed to Idm-E 640.

Robert A. Laurence

Robert A. Laurence

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 3 1954

Feburary 1, 1954

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, D M E A- Region VII

Subject: DMEA-3084, Idm-E 640 (Beryl and mica) Brady (Cockran)Mine
Cherokee County, Ga. Stancil & Jones, Jasper, Ga.

Enclosed are 4 copies of an interim report covering work done under Stage I of the subject exploration contract.

We agree with the field examiners conclusion that work under Stage II does not appear to be warranted, but are withholding final notice to the Operator to that effect until results of analyses of samples taken to the Bureau of Mines are received.

Robert A. Laurence
Robert A. Laurence

Wm A Beck
Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION VII, SOUTHEASTERN
BOX L
UNIVERSITY, ALABAMA

FREIGHT ADDRESS:
TUSCALOOSA, ALABAMA

Bureau of Mines
RECEIVED
FEB 3 1954

RECEIVED
JAN 28 1954
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

January 26, 1954

Interim Report

DMEA No. 3084 - Beryl-Mica
Brady (Cochran) Mine
Stancil & Jones
Box 173
Jasper, Georgia

Location: 2.5 airline miles and 5 miles by road N. 78° E. of Ball Ground, Cherokee County, Georgia

Work on subject project began on January 11, 1954. A total of 780 linear feet of 15' x 5' trench was bulldozed under Stage I of the contract. The location of the trenching is shown on the attached map. As only 30 machine-hours were required to complete the work of Stage I, an amendment to the contract has been effected basing payment on time (30 hours @ $13.00 per hour) rather than unit completed. This resulted in a saving of $459.00 on the Government's share of the cost of Stage I.

J. F. O'Neill, Bureau of Mines and D. H. Amos, Geological Survey were present on the site during the dozer work.

The work revealed a zoned pegmatite (see attached map) which thins rapidly to the northeast. A beryl- and mica-bearing zone about 25 feet thick was exposed east of the quartz core near the existing shaft. It pinches out rapidly north along the strike and also appears to wedge downward. The zone is present in the bottom of the shaft and in several pits south of the shaft giving an explored depth of about 25 feet and length of about 120 feet. Beryl is scattered sporadically throughout the zone but is more abundant near the outer (east) border. Average crystal diameter is 3/8 inches and less than 5 percent of the crystals are one inch or greater; crystal length is commonly about twice the diameter. Crystal counts indicate an average of 0.1 percent beryl in the outer 5 feet of the zone. The remainder of the zone contains much less.

The mica is green. Most is clear, flat, and hard but badly clay-stained; some is ruled and curved. It is estimated the zone contains 15 percent mica, 20 percent of which could be worked for sheet mica. A second zone bearing sheet mica occurs west of the quartz core but contains only an estimated 5 percent mica. Channel samples were taken across both zones along the N. 60° E. trench for beryl.

The small quantity and crystal size of the beryl and the indicated limited extent of the beryl-bearing zone is not conducive to additional work as outlined under Stage II of this contract.

It is recommended that any further action on this contract be deferred until an analysis is made of the samples that were taken at this project.

D. H. Amos
Geologist
U. S. Geological Survey

J. F. O'Neill
Mining Engineer
Mining Development Branch
Mining Division, Reg. VII

Attachment
JFO'Neill:al

cc: R. A. Laurence, orig. + 5
Regional Director, Reg. VII
V. J. Lynch
A. A. McKinney
D. H. Amos
J. F. O'Neill
Day File
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

January 26, 1954

Mr. A. L. Jones
Stancil & Jones
Jasper, Georgia

Re: DMEA-3084, Idm-E 640 (Beryl, Mica)
Brady (Cochran Mine)

Dear Mr. Jones:

Thanks for your letter of January 22 concerning work at the Brady mine.

As soon as we receive a report from Mr. O'Neill and Mr. Amos on their examination and sampling, we will be able to decide what else should be done about the Stage II work, and I will notify you immediately.

Very truly yours,

Robert A. Laurence, Executive Officer
DMEA Field Team, Region 7

RAL/zm

FILE COPY
surname:
Anderson

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

N.S. in B.A.

January 26, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMEA-3084 - Mica and Beryl
Stancil and Jones
Brady (Cochran) Mine
Cherokee County, Georgia
Contract No. Idm-E640

The purpose of this amendment is to change the unit of work in Stage I from completed trenches to hours of bulldozing. This amendment is desirable, since it affords considerable leeway in the performance of the work and results in a net savings to the Government of $459.00 (90% of $510.00).

The Nonmetallic Minerals Division concurs in the amendment as written and executed by the Executive Officer, DMEA Field Team, Region VII.

/s/
W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 1/26/54

Copy to: Admr. R. File
Docket File
Mr. Houk

99

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

January 26, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMEA-3084 - Mica and Beryl
Stancil and Jones
Brady (Cochran) Mine
Cherokee County, Georgia
Contract No. Idm-E640

The purpose of this amendment is to change the unit of work in Stage I from completed trenches to hours of bulldozing. This amendment is desirable, since it affords considerable leeway in the performance of the work and results in a net savings to the Government of $459.00 (90% of $510.00).

The Nonmetallic Minerals Division concurs in the amendment as written and executed by the Executive Officer, DMEA Field Team, Region VII.

W. C. Anderson

W. C. Anderson
Nonmetallic Minerals Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

January 21, 1954

Memorandum

To: Operating Committee - D M E A - Washington

From: Field Team, Region 7 - Knoxville, Tennessee

Subject: DMEA-3084, Idm-E 640 (beryl & mica) Brady (Cochran) Mine, Cherokee County Georgia. Stancil & Jones, Operators.

Enclosed herewith are 3 copies of Amendment No. 1 to the subject exploration contract, which changes the unit of work from completed trenches to hours of bulldozing. This was done, at the Operator's suggestion, because favorable conditions resulted in completion of the trenches in about half the estimated time and at slightly less than half the estimated cost. It was not necessary to use the two laborers or the hand tools.

It will be noted that the amendment provides for bulldozing at $13.00 per hour, although the application, dated June 9, 1953, gives the prevailing rate as $12.50 per hour. Mr. Jones states that, due to increased costs, the prevailing rate in that area for a D-7 tractor is $13.00 per hour. Inasmuch as there is still a net saving to the Government of $459.00 (90% of $510), we see no reason to contest this point, and accept the Operator's statement of the prevailing rate.

We suggest that, in future contracts which include bulldozing, the unit should be an hour's use of the equipment, rather than a completed trench or cut, as it is not always possible to estimate previously how many hours will be needed, and some leeway is therefore desirable.

Decision as to Stage II will be made upon receipt of report and recommendations from the field examiners, J. F. O'Neill of the Bureau of Mines and D. H. Amos, of the Geological Survey.

Robert A. Laurence
Robert A. Laurence, Executive Officer
DMEA Field Team, Region 7

Wm. A. Beck
Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Room 13, Post Office Building
Knoxville 2, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 2 - 1953

November 30, 1953

Memorandum

To: Operating Committee, DMEA, Washington, D. C.

From: Executive Officer, Region VII

Subject: DMEA-3084, Contract Idm-E 640 - Mica and Beryl
Stancil & Jones

Transmitted herewith are the Government's Copy, Docket Copy, and the Division Copy. The Operator retained one copy, one copy was sent to the Finance Office, and one copy was retained by this office.

Robert A. Laurence
Robert A. Laurence
Executive Officer

Enclosures 3

cc
12-2

FILE COPY
SURNAME:

Anderson
Houk
Talbot
Martin
Larrabee
Hedges

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

600

NOV 16 1953

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

Subject: Docket No. DMEA-3034 - Mica
Stancil and Jones
Brady (Cochran) Mine
Cherokee County, Georgia

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 Government with register number and effective date as shown.

If the contract meets with your approval present it to the Operator for approval and signature. Please explain to the Operator that the contract, when executed, is a firm commitment under the terms of which it 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 handled 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.

After execution of the contract, the copies are to be distributed in the usual manner.

Copies of memoranda from the Geological Survey and the Bureau of Mines are enclosed.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (JB)

Approved:

J. H. Hedges (JB)
Member, Bureau of Mines

D. M. Larrabee (JB)
Member, Geological Survey

Enclosures 10

WCAnderson:gad 11/12/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.G. 11-16-53

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

140

October 7, 1953

Memorandum

To: The Administrator

Through: L. G. Houk

From: Chief Counsel

Subject: Stancil and Jones - Docket No. DMEA-3084 (Mica and Beryl)

There is attached, in satisfactory legal form for execution, a contract covering the above-described project, subject to:

1. Your approval of the Government's 90-percent contribution.

2. The attachment of the Owner's Consent to Lien on the new form, if it can be obtained.

for J. L. Hofflund
Chief Counsel

Attachments

FILE COPY
SURNAME: 600

140

KANE
Contm

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

October 7, 1953

N.S. in R.R.

Memorandum

To: The Administrator

Through: L. G. Houk

From: Chief Counsel

Subject: Stancil and Jones - Docket No. DMEA-3084 (Mica and Beryl)

There is attached, in satisfactory legal form for execution, a contract covering the above-described project, subject to:

1. Your approval of the Government's 90-percent contribution.

2. The attachment of the Owner's Consent to Lien on the new form, if it can be obtained.

Albert E. Kane

for J. L. Hofflund
Chief Counsel

Attachments

AEKane/ema
cc: Mails & Files
L. G. Houk
J. L. Hofflund
A. E. Kane
Chron.

FILE COPY
SURNAME:

Anderson
Matter of

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

600

OCT 12 1953

Mr. A. L. Jones
Stancil and Jones
P. O. Box 173
Jasper, Georgia

Re: Docket No. DMEA-3084 - Mica
Stancil and Jones
Brady (Cochran) Mine
Cherokee County, Georgia

Dear Mr. Jones:

Reference is made to the Owner's Consent to Lien on the subject property.

It is now mandatory that we use a new form, seven copies of which are enclosed. Please have them executed and returned to this office. We are returning the old forms.

The processing of your exploration application will be resumed upon receipt of the requested data.

Sincerely yours,

SIGNED

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosures 11

WCAnderson:gad 10/9/53

Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.G. 10-12-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

Defense Minerals Administration
RECEIVED
OCT 1 1953

September 29, 1953

Memorandum

To: Operating Committee, DMEA-Washington

From: Acting Executive Officer, DMEA - Region 7

Subject: Evaluation of mica from Brady (Cochran)Mine, Cherokee Co., Ga.
Stancil & Jones - DMEA-3084 (Beryl and Mica)

Transmitted herewith is a copy of a letter from the Spruce Pine Mica Depot to Mr. A. L. Jones in regard to mica sent them from the subject mine for evaluation.

Mr. Teague reports that he has presented mica from the Brady Mine to the depot and the buyers told him that it would be acceptable. Evidently Mr. Jones sent them some of the badly weathered material.

Please note that the application was for exploration of the beryl as well as mica and that the examiners report stated that the beryl has never been systematically explored and it too appears to have possibilities.

Wm. A. Beck

Wm. A. Beck

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Y

GENERAL SERVICES ADMINISTRATION

Spruce Pine, North Carolina

September 25, 1953

DMFA-3084 (berg, mica)

Mr. A. L. Jones
Box 173
Jasper, Georgia

Dear Mr. Jones:

We are in receipt of your mica together with your letter asking that we evaluate your mica. We are sorry to advise that this mica could not be prepared so that it would meet the requirements of the government's mica purchasing program.

It might be that if you were to explore a little further in this prospect that the mica would be better but we are unable to say definitely if this would be the case.

Our Q-Meter is not in operation yet and we are not able to inspect the mica for its power factor.

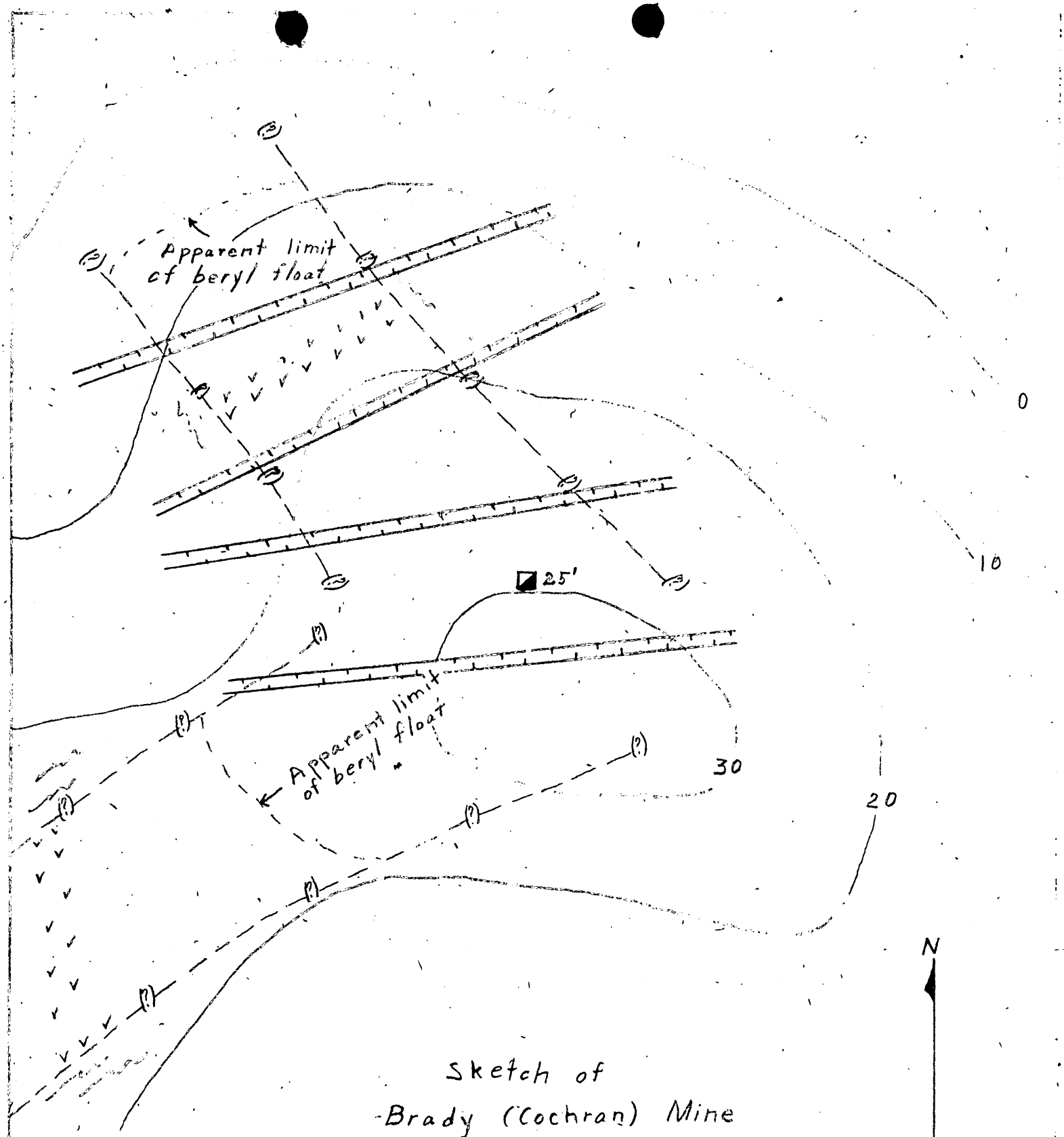
Yours very truly,

W. S. Flynt, Superintendent
Spruce Pine Mica Depot

cc:
O'Neill
Laurence
Opr. Com.

C
O
P
Y

COPIED BY
ZM.



Sketch of
Brady (Cochran) Mine
Cherokee Co., Ga

0 50' 100'
Scale

DMEA-3084 (mica-beryl)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

Department of the Interior
Defense Minerals Administration
RECEIVED
SEP 23 1953

September 21, 1953

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Field Team, Region 7

Subject: Your letter of Sept. 15, 1953. DMEA-3084 (mica) Stancil & Jones Brady(Cochran) Mine. Cherokee County, Georgia

In regard to the subject letter in which you requested information on two matters before processing of the applican't contract for exploration - this office wishes to advise that we have written the applicant to send a sample of their mica to the Spruce Pine Mica Buying Depot for evaluation with a request that a copy of their reply be sent to this office. Upon its receipt we will forward it to you.

The items of $50.oo for a powder magazine and $25.00 for a cap magazine as set up under "Estimated Cost" in the Field Team's Report are the estimated values after depreciation factors have been applied.

Robert A. Laurence

Robert A. Laurence

zm

EXECUTIVE OFFICER
DMEA REGION VII
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

September 18, 1953

Mr. A. L. Jones
Stancil & Jones
P.O. Box 173
Jasper, Georgia

Re: DMEA-3084 (micak Beryl)
Brady (Cochran)Mine
Cherokee County, Ga.

Dear Mr. Jones:

We have been advised by our Washington Office that processing your contract is being held in abeyance pending receipt of additional information.

Since the mica occurring in the subject mine is green (non-ruby) mica, it is necessary that they have assurance that it meets specifications for Government stockpiling. Please send about one-quarter pound to W. S. Flynt, Supt., General Services Administration, Mica Buying Depot, Box 846, Spruce Pine, North Carolina, and request him to have it tested and to advise you whether it will meet their specifications. Kindly request Mr. Flynt to send a copy of his reply to this office.

We hope you will do this at your earliest convenience.

Yours very truly,

Wm. A. Beck
Acting Executive Officer, DMEA
Region 7

FILE COPY
SURNAME:

Anderson
Houk
Selfridge
Kinkel

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

600

SEP 15 1953

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

Subject: Docket No. DMEA-3084 - Mica
Stancil & Jones
Brady (Cochran) Mine
Cherokee County, Georgia

Dear Mr. Laurence:

Processing of the applicant's contract for exploration at the subject mine is being held in abeyance pending receipt of information on the following two matters:

1. Since the mica occurring in the subject mine is green (non-ruby) mica, it is necessary that we have assurance that it meets specifications for Government stockpiling. Please arrange to have the mica tested at the Spruce Pine Purchase Depot and have them report their findings to this office.

2. Under "Estimated Cost" in the Field Team's Report, there appear items of $50.00 for a powder magazine and $25.00 for a cap magazine. Please refer to the following statement in first paragraph of DMEA Circular 30, "The Government acquires no interest in property under a contract on the short form (MF-200(A)) based on agreed, estimated unit costs". We would like to know if the estimated values are total costs of the magazines as units, including all labor and supplies, or have depreciation factors been applied?

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

A. R. Kinkel, Jr.
Member, Geological Survey

WCAnderson:gad 9/11/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

9-15-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
WASHINGTON 25, D.C.
KNOXVILLE 2, TENN.

August 7, 1953

Memorandum

To: Operating Committee, DMEA, Washington, D. C.

From: Field Team, Region VII

Subject: DMEA-3084, Brady (Cochran) Mine (Beryl-Mica)
Field Examination Report

Transmitted herewith are 4 copies of the field examiners' report on the subject exploration application, with six extra copies of the map. This was not referred for examination by the Operating Committee, but was examined because it was near to other properties visited by Mr. Teague and Mr. O'Neill.

The Field Team supports the recommendation that this application be approved as outlined in the report.

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

Wm A Beck

Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

Enclosures 10

Reviewed by
DMEA OPERATING COMMITTEE
8-19-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-3084, BRADY (COCHRAN) MINE (BERYL & MICA)

Cherokee County, Ga.

By

Kefton H. Teague, Geologist
U. S. Geological Survey

James F. O'Neal, Mining Engineer
U. S. Bureau of Mines

August 6, 1953

Reviewed by
DMEA OPERATING COMMITTEE
8-19-53
(date)

Field Examination Report
on
DMEA-3084, Brady (Cochran) Mine, (Beryl & Mica)

Applicant: Stancil and Jones
P. O. Box 173
Jasper, Georgia

At the northeastern end of the area considerable float beryl is present. Also past prospecting has uncovered beryl, non-ruby book mica, and scrap mica. The pegmatite is a large one and offers good possibilities for the discovery of a worthwhile deposit of beryl and non-ruby mica. The examiners recommend that exploration assistance be granted.

This deposit was examined on July 24, 1953. Messrs. A. L. Jones and Carl Stancil accompanied the examiners on the inspection which required three hours.

The Brady (Cochran) mine is 2.5 airline miles and 5 miles by road N. 78° E. of Ball Ground, Cherokee County, Georgia. Access to the deposit is good at all times.

Both of the applicants are competent and financially responsible to conduct the proposed project. Area covered by the lease is adequate.

This mine was opened in 1933 for scrap mica. About 40 tons of scrap were produced and an unknown amount of block mica and beryl. In 1941 several shallow shafts (up to 25 feet deep) were sunk in pegmatite at the northeast end of the area. Several tons of mica and several hundreds of pounds of beryl were recovered from the northeast area. Within the past few years, someone has stripped an area about 50 feet in diameter at the northeast area, exposing pegmatite over the entire area.

The pegmatite is associated with a pronounced quartz lens which strikes N. 80° E. It outcrops boldly along the strike from the small branch northeast of the tenant house, becoming thicker and more conspicuous towards the west. The quartz core sustains a distinct ridge or spur which extends for at least one-third of a mile southwest of the tenant house. The relation of the pegmatite to the quartz is somewhat obscure because of the lack of prospecting, but the scrap mica zone as such, lies principally on the south side of the quartz. The sheet mica and beryl-producing portion of the pegmatite occurs at the northeastern end near the tenant house.

The dip of the pegmatite is not exposed, but its considerable thickness and the steep dip of the highly metamorphosed mica schist country rock suggest that it has been intruded almost vertically. The enclosing rock, strike N. 70°E, dipping 65° or more to the southeast.

About 1942 some work was done from the 25-foot shaft at the northeast area. Two tons of book mica and 200 pounds of beryl crystals were obtained.

At the northeast area, the pegmatite appears to make an abrupt turn to the northwest, probably trending about N. 35°W. Beryl crystals have been found down the hill slope for a distance of approximately 200 feet from the area of intensive prospecting. No work has been done on this portion of the area.

The mica in the northwest area is associated with nodules and small lenses of smoky quartz. The beryl appears to occur adjacent to the quartz concentration.

The mica is clear, free of spots, and clear to light green in color. Some books are ruled; others exhibit "A" structure. Many of the books are slightly curved or bent and this feature is the principal defect of the mica. Books 6 x 8 inches have been obtained during past operations.

The beryl appears to be confined to the northeast area. Crystals up to 6 inches in diameter occur, but most of those observed are less than two inches in diameter. The beryl is pale green to pale yellow in color. In 1943 the Tennessee Valley Authority made a chemical analysis of beryl from this locality which contained in excess of 12 percent BeO.

The field examiners believe that the deposit warrants exploration for both beryl and mica. As the General Services Administration has announced plans to purchase non-ruby mica, it appears that considerable mica of stockpiling grade can be obtained from the deposit. Furthermore, the beryl has never been systematically explored and it too appears to have possibilities.

The examiners recommend that exploration assistance be granted in two stages, and that all the work be confined to the northeast area. Stage 1 should consist of cutting 4 trenches across the probable northwest extension of the pegmatite. As the pegmitite is in excess of 100 feet thick, the trenches should be about 200 feet long. If possible a Government representative should be present at the project during the trenching operation.

Stage 2 should consist of not more than 120 feet of test pits, or drifts, or adits, depending on the results from Stage 1.

Estimated Cost:

<u>Stage 1</u>

4-trenches, 200' x 12' x 4'	
60 hrs. bulldozer rental at $12.50/hr	$ 750.00
2-laborers, 60 hrs. at $1.00/hr.	120.00
Hand tools	30.00
Estimated cost, stage 1 -	$ 900.00

Stage 2

100 linear feet of test pits, drifts, or adits at $35.00/ft.	$ 3,500.00
1 - Powder magazine	50.00
1 - Cap magazine	25.00
Estimated cost, stage 2 -	$ 3,575.00
Estimated total cost, stage 1 & 2	$ 4,475.00
Estimated time required - 4 months	

K. M. Teague, U. S. G. S.

James F. O'Neal, U. S. B. M.

8/6/53

rs

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

August 25, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3084, Mica, Brady Mine, Stencil and Jones
Cherokee County, Georgia

I concur in the field team's recommendation for an exploration program in the amount of $4,475.

Donald R. Irving

Donald R. Irving

IN REPLY REFER TO:

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

DEPARTMENT OF THE INTERIOR-MD-CNM
Defense Minerals Administration
RECEIVED
AUG 13 1953

August 12, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3084 (beryl and mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Stancil and Jones, Jasper, Georgia.
Name of property: Brady Mine, Cherokee County, Georgia.
Location of property: 2.5 miles N. 78° E. of Ball Ground, Cherokee County, Georgia.
Date of field team report: August 6, 1953.
Authorship of field team report: K. H. Teague and J. F. O'Neill.
Field team's recommendation:

Stage 1 -	4 trenches (Government representative to be present)	$900
Stage 2 -	100 linear feet of pits, adits, etc. if Stage 1 yields information on sufficient beryl content	3,575
	Total	$4,475

Comments:

1) Mica is non-ruby, and chiefly scrap.
2) Beryl less than 2 inches diameter cannot be hand cobbed economically, and in fact, in hard rock, 4 inches has been the minimum diameter economically recoverable on most properties.

   It is noted that most crystals in this deposit are less than 2 inches diameter.

3) <u>This contract should be handled very differently from beryl docket 2840 by same operators.</u> To date we have little useful information on this (2840) docket. We lack data on grade of ore, size of beryl-bearing zone, average crystal size, proportion of ore by sizes, etc.

   It appears that little if any attempt has been made to prepare a quantitative appraisal of the reserves, etc. This is unsatisfactory.

RECOMMENDATION:

I agree with Field Team in approving this project, but only on the basis of far more complete interim reports founded upon crystal measurements, size of beryl zones, etc., etc., etc., with estimate of reserves. The methods of doing this were developed and approved during War II and are not unknown to the Field Team.

D. M. Larrabee

(It is requested that a copy of this memorandum be forwarded to the Field Team)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-3084, BRADY (COCHRAN) MINE (BERYL & MICA)

Cherokee County, Ga.

By

Kefton H. Teague, Geologist
U. S. Geological Survey

James F. O'Neal, Mining Engineer
U. S. Bureau of Mines

August 6, 1953

913

Field Examination Report
on
DMEA-3084, Brady (Cochran) Mine, (Beryl & Mica)

Applicant: Stancil and Jones
P. O. Box 173
Jasper, Georgia

At the northeastern end of the area considerable float beryl is present. Also past prospecting has uncovered beryl, non-ruby book mica, and scrap mica. The pegmatite is a large one and offers good possibilities for the discovery of a worthwhile deposit of beryl and non-ruby mica. The examiners recommend that exploration assistance be granted.

This deposit was examined on July 24, 1953. Messrs. A. L. Jones and Carl Stancil accompanied the examiners on the inspection which required three hours.

The Brady (Cochran) mine is 2.5 airline miles and 5 miles by road N. 78° E. of Ball Ground, Cherokee County, Georgia. Access to the deposit is good at all times.

Both of the applicants are competent and financially responsible to conduct the proposed project. Area covered by the lease is adequate.

This mine was opened in 1933 for scrap mica. About 40 tons of scrap were produced and an unknown amount of block mica and beryl. In 1941 several shallow shafts (up to 25 feet deep) were sunk in pegmatite at the northeast end of the area. Several tons of mica and several hundreds of pounds of beryl were recovered from the northeast area. Within the past few years, someone has stripped an area about 50 feet in diameter at the northeast area, exposing pegmatite over the entire area.

The pegmatite is associated with a pronounced quartz lens which strikes N. 80° E. It outcrops boldly along the strike from the small branch northeast of the tenant house, becoming thicker and more conspicuous towards the west. The quartz core sustains a distinct ridge or spur which extends for at least one-third of a mile southwest of the tenant house. The relation of the pegmatite to the quartz is somewhat obscure because of the lack of prospecting, but the scrap mica zone as such, lies principally on the south side of the quartz. The sheet mica and beryl-producing portion of the pegmatite occurs at the northeastern end near the tenant house.

The dip of the pegmatite is not exposed, but its considerable thickness and the steep dip of the highly metamorphosed mica schist country rock suggest that it has been intruded almost vertically. The enclosing rock, strike N. 70°E, dipping 65° or more to the southeast.

About 1942 some work was done from the 25-foot shaft at the northeast area. Two tons of book mica and 200 pounds of beryl crystals were obtained.

At the northeast area, the pegmatite appears to make an abrupt turn to the northwest, probably trending about N. 35°W. Beryl crystals have been found down the hill slope for a distance of approximately 200 feet from the area of intensive prospecting. No work has been done on this portion of the area.

The mica in the northeast area is associated with nodules and small lenses of smoky quartz. The beryl appears to occur adjacent to the quartz concentration.

The mica is clear, free of spots, and clear to light green in color. Some books are ruled; others exhibit "A" structure. Many of the books are slightly curved or bent and this feature is the principal defect of the mica. Books 6 x 8 inches have been obtained during past operations.

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The field examiners believe that the deposit warrants exploration for both beryl and mica. As the General Services Administration has announced plans to purchase non-ruby mica, it appears that considerable mica of stockpiling grade can be obtained from the deposit. Furthermore, the beryl has never been systematically explored and it too appears to have possibilities.

The examiners recommend that exploration assistance be granted in two stages, and that all the work be confined to the northeast area. Stage 1 should consist of cutting 4 trenches across the probable northwest extension of the pegmatite. As the pegmitite is in excess of 100 feet thick, the trenches should be about 200 feet long. If possible a Government representative should be present at the project during the trenching operation.

Stage 2 should consist of not more than 120 feet of test pits, or drifts, or adits, depending on the results from Stage 1.

Estimated Cost:

<u>Stage 1</u>

4-trenches, 200' x 12' x 4'	
60 hrs. bulldozer rental at $12.50/hr	$ 750.00
2-laborers, 60 hrs. at $1.00/hr.	120.00
Hand tools	30.00
Estimated cost, stage 1 -	$ 900.00

Stage 2

100 linear feet of test pits, drifts, or adits at $35.00/ft.	$ 3,500.00
1 - Powder magazine	50.00
1 - Cap magazine	25.00
Estimated cost, stage 2 -	$ 3,575.00
Estimated total cost, stage 1 & 2	$ 4,475.00
Estimated time required - 4 months	

K. H. Teague, U. S. G. S.

James F. O'Neal, U. S. B. M.

8/6/53

rs

A. L. JONES CONSTRUCTION COMPANY
GENERAL CONTRACTORS
PHONE NO. 2102
JASPER, GEORGIA

Jasper, Ga.
7-27-53

Re: Docket No.DMEA*
3084-Mica
Brady Mines
Cherokee County,Ga.

Mr. Lawerence G. Houk
Whashington, D.c.

Dear Mr.Houk,

Samples have been sent to Tuscaloosa, Ala. Mr. O'Neil and Mr. Teague have examined location and will furnish you with a drawing of the proposed cuts. Mr. Teague has also taken samples of the Mica and said he would take them by Spruce Pine, N.C . There are good prospects for Beryl and Mica. Thank You,

Yours truely,
A.L.Jones.

FILE COPY
SURNAME: 15

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

Lawrence G. Houk
Initialed

JUL 24 1953

Mr. A. L. Jones
Stancil and Jones
P. O. Box 173
Jasper, Georgia

Re: Docket No. DMEA-3084 - Mica
Brady Mines
Cherokee County, Georgia

Dear Mr. Jones:

Reference is made to your application for exploration assistance on the Brady Mines in Cherokee County, Georgia.

Please furnish this office with more detailed information on your proposed work program. This should include a sketch showing the location of the proposed shaft site and where you intend to make the bulldozer cuts. Some mention should be made of the size of the pegmatite and a sample of the mica should be sent to Mr. W. S. Flynt, Superintendent, Spruce Pine Mica Depot, Spruce Pine, North Carolina, for evaluation. Please have Mr. Flynt advise this office of his findings.

Upon receipt of the above information, this office will further process your application.

Sincerely yours,

SIGNED
Lawrence G. Houk, Chief
Nonmetallic Minerals Division

LGHouk:gad 7/23/53

Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.G. 7-24-53

UNITED STATES
DEPARTMENT OF THE INTERIOR DMEA-3084
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

June 22, 1953

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA Field Team, Region 7
(See memo of June 15)

Subject: Application for Stancil & Jones, Jasper, Georgia

Transmitted herewith are five copies of forms MF-203. These are to be attached to the subject application sent your office on June 15. Only five copies were returned by Mr. Jones.

Robert A. Laurence
Robert A. Laurence

zm

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 22 1953

July 21, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3084, Mica, Brady Mines,
Cherokee County, Georgia

No data are available in this office on subject property. It is suggested that applicant be requested to furnish more detailed information of proposed program. However, if the field team is in that vicinity, a member of the field team should evaluate the situation to ascertain if an exploration program is justified.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

June 18, 1953

Memorandum

REVIEW OF APPLICATION DMEA - 3084 (mica)

To: L. G. Hauk, Defense Minerals Exploration Administration

From: D. M. Larrabee, U. S. Geological Survey

Applicant's name and address: Stancil and Jones, Box 173, Jasper, Georgia.

Location of property: Cherokee County, Georgia

Summary of applicant's proposal: Bulldoze, 200 hrs.
100' shaft
100' drift

Sources of information on applicant's property: None

Comments:
1. No concrete proposal, and this one runs into money for the area.
2. No location of use to us.
3. No data on pegmatite or mica quality.
4. This looks more like a dream, rather than an exploration program.

Recommendation: Have applicant give us the needed data to avoid wasting time of the Field Team. THEN refer to them. Also, the applicants presently are working a beryl prospect, docket #2840, about which there is considerable reason for doubt as to its usefulness.

D. M. Larrabee

D. M. Larrabee

Mr. A. L. Jones
Stencil and Jones
P. O. Box 173
Jasper, Georgia

June 17, 1953

Subject: DMEA-3084
Re: Exploration Assistance
Brady Mines

My dear Mr. Jones:

The receipt of your application dated June 9, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3084 and referred to the Nonmetallic Minerals Division.

Kindly refer to DMEA-3084 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Operations Control
and Statistics Division

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

June 15, 1953

Memorandum

To: Chairman, Operating Committee - D M E A- Washington

From: Executive Officer, D M E A- Region VII

Subject: Application for Stancil & Jones, Jasper, Georgia

Transmitted herewith are ~~three~~ 4 copies of the subject application received in this office today. The applicant sent in form MF-203, Owner's Consent to Lien but it was incorrectly signed by Mr. Jones, instead of the owner, Mr. Brady. We are requesting him to send in new forms correctly signed.

A copy of the application has been retained in this office.

Robert A. Laurence

Robert A. Laurence

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved
Budget Bureau No.

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. DEMA 3084
Metal or Mineral
Date Received 6-17-53
Estimated Cost
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: Stancil & Jones,
P. O. Box 173
Jasper, Ga. (Partnership: Adress of Partners)

(*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 Land Lot # 295 being and lying in the 4th District and second section of Cherokee County Georgia. (for further description, please refer to attached lease and description of property.) Recorded in Book No 24 page 482 Clerk of Courts Office, Cherokee County Court House, Canton, Ga.

(*b*) State any mine name by which the property is known. Brady Mines.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Lessee.
See copy of lease attached.

(*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. Does not have any other claims.

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. Mica has been mined. Good roads.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. Do not know.

(*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. Railroad at Ball Ground, Ga. this is near by. Mines are easily accessible.

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

16—66551-1

5. *The exploration proje*—(*a*) State the mineral or minerals for whic[illegible]u wish to explore Beryl & Mica

(*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 20 days and be completed within 2 months 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)?

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

[X] Money [ ] Use of equipment owned by you [ ] 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 9 June, 1953

STANCIL V JONES
(Applicant)

By A. L. Jones

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

STANCIL & JONES
Jasper, Georgia
June 9, 1953.

Estimate of cost of Exploration on
Cherokee County Project.

Bulldozer, including operator, transportation to and from site, repairs and all other operating expenses complete, 200 hours @ $12.50 per hr. (prevailing rate)	$ 2,500.00
Shafting 100 ft. @ 30.00 per ft.	3,000.00
Drifting 100 ft. @ 35.00 " "	3,500.00
Labor & Supervision.	
Laborer 200 hrs. @ 1.00 per.hr.	200.00
Supervising Foreman 200 hrs. @ 1.50 per hour.	300.00
Supplies Dynamite, Caps, Drills etc	150.00
Rental of Equipment 1-compressor, jack hammer, hose and steel, 100 hrs. @ 3.50	350.00
Miscellaneous.	150.00
Contengencies.	150.00
Total applied for.	$10,300.00

Stancil & Jones

By R L Jones
Partner

Copy

LEASE CONTRACT

STATE OF GEORGIA

COUNTY OF CHEROKEE

THIS CONTRACT made and entered into between Harold J. Brady OF THE COUNTY OF FULTON, STATE OF GEORGIA, Party of the First part, and Alden Jones, Party of the second part, his heirs or assigns,

WITNESSETH: That for an in consideration of the sum of One Dollar ($1.00) and other valuable considerations, the receipt of which is hereby acknowledged, the Party of the First Part has rented, leased and remised, and does hereby rent, lease and demise upon the Party of the Second Part for a peroid of 5 years, from date hereof, the exclusive right to prospect for mines and remove any and all minerals, ores and mineral products in, upon, and under the following described land: lying and being in the 4th district and 2nd Section of Cherokee County, Georgia, and being that part of lot of land number 295, lying west of a line beginning at a rock corner at a bunch of timber on the north line of said lot; thence running due south through said lot to a rock corner near a poplar tree at the south line of said lot, and containing 79 acres more or less.

TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS, and the right to use any water on said premises, cut any standing timber for mining purposes and the right to build roads, erect houses etc. This Lease is for a peroid of 5 years and the Party of the First Part hereby agrees and binds itself to renew this Lease for such peroid of time as the Party of the Second Part may mine minerals therefrom at a reasonable profit.

In addition to the consideration hereinabove stated, the Party of the Second part agrees and binds itself to turn over to the Party of the First Part the following proceeds derived from the sale of minerals mined from said premises: 10% on mica, beryl and all other minerals which may be found and marketed.

Royalties on all minerals shall be paid on or before the fifteenth day of each month; for all shipments made during the preceding month.

IN WITNESS WHEREOF the Parties hereto have affixed their seals and signatures this 4 day of June A.D. 1953.

A. Alan Tenson — Harold J. Brady (SEALS)

Enice Barnes — Alden Jones (SEALS)

Notary Public Cherokee
County, Georgia.

Recorded in Book No. 24

Page 482

Edith L. Holcomb C.C.

~~W. B.~~ Holcomb Clerk of Court
Cherokee Co. Ga.

Recorded