☑ Audited 11/13/52 WORK ANALYSIS SHEET - DMEA PROJECT ☐ Actual Cost

☐ Certified Analysis as of Dec. 9, 1954 ☑ Agreed Unit Costs
Incl. Voucher for October, 1952

Name Yancey Mica Mines, Inc. Docket No. 2439

State No. Car. Commodity Mica Idm-E No. 373

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	100 Ft.	$3,000.00	52 Ft.	$1,560.00	$1,560.00
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation		$1,100.00		$1,100.00	$1,100.00
New Building, Improvements, etc.					
Other (Specify)					
Totals		$4,100.00		$2,660.00	$2,660.00

Prepared by Walter C. Anderson

71626

Docket 3

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

PRESNELL MINI

I have reviewed the Monthly Reports of:

Yancy Mica Mines, Inc.

Burnsville, North Carolina

pertaining to Exploration Project Contract No. Idm-E373, Docket No. DMEA-2439, for the period of Aug. 25, 1952 to September 30, 1952.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the DMEA Field Team, and a determination of the reasonableness and propriety of the costs.

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

(a) the administrative cost to the Government of an audit would be excessive in relation to value of the contract or the estimated amount of possible disallowances thereunder;

(b) the contract provides for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

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

Total cost as billed by Contractor		$ 2,660.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$ 2,660.00

The contract calls for a 90 per cent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Two thousand three hundred ninety-four Dollars and no/100

— $2,394.00 —

is considered valid and proper.

ovember 13, 1952

Jay H. Pierson
Auditor

TERMINATION OF EXPLORATION PROJECT CONTRACT BY AGREEMENT
AFTER COMMENCEMENT BUT BEFORE COMPLETION OF THE WORK

RIES

It is agreed this 10th day of November, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Yancey Mica Mines, Inc. Burnsville, N. C.

hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E 373, Docket No. DMEA-2439, dated 29th July 1952, that the said contract shall be and is hereby terminated as of the first date above written.

Any work prosecuted or costs incurred by the Operator after the date first above written shall be for the sole account of the Operator, except for (a) such necessary and reasonable costs and expenses as may be incurred in preserving and disposing of any facilities, buildings, fixtures, equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

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

Witness the following signatures as of the day and year first above written.

UNITED STATES OF AMERICA

By Robert A. Lawrence

Yancey Mica Mines Inc.
(Operator)

By Yates Bennett

18262-1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 12 1952

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 2439

COMMODITY Mica

Idm-E373

Division Copy

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 29th day of July, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Yancey Mica Mines, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of North Carolina Burnsville, North Carolina

hereinafter called the "Operator," as follows:

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

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of North Carolina, County of Yancey, described ~~as follows:~~ as set forth in Annex I

the Operator represents and undertakes:[4]

(a) [redacted]

(b) That the Operator is a lessee, in possession and entitled to possession pursuant to lease dated Dec. 10, 1951 between E. L. Briggs and Moise Briggs as lessor and the Operator as lessee, and the Landlord's Subordination Agreement is attached.

[redacted]

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 45 days from the date of this contract shall commence work on a project of exploration for[5] mica

in or upon the described land; and shall bring the project to completion within a period of five (5) 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 $3,690.00, which is 90 percent of $4,100.00, 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:

(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

YANCEY MICA MINES, INC.
(Operator)

By D M Robinson, Sec & Treas.

By O Mustaeddy
Acting Administrator, Defense
Minerals Exploration Administration
R C Kane
J B Hoffland
by R C Kane
Hank Chandler

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

ANNEX I

BEGINNING on a forked chestnut on a ridge and runs East with the Joseph Parslet line crossing two branches 124 poles to a stake on a ridge; thence North with said Parsley line 108 poles to a white oak near the top of the ridge; thence 52 poles with a marked line to South Toe River; thence Southerly and Southwesterly up and with the meanders of South Toe River to a stake at a point due North from said BEGINNING, thence South 40 poles to the BEGINNING, containing 58 acres more or less. Being the lands and property described in that certain Deed of July 22, 1920, by Gould and Watson Company to the American Mica Co. and recorded in the office of the Register of Deeds for Yancey County, N. C. at page No. 304 in Book No. 57.

This area includes the Presnell Mine set forth on the map attached hereto and made a part hereof, entitled "DMEA-2439 - Plan Map, Presnell Mine, Yancey County, N. C."

EXPLORATION PROJECT CONTRACT
YANCEY MICA MINES, INC.
PRESNELL MINE
DOCKET NO. DMEA-2439

EXHIBIT "A"

Description of the Work

There is a 27 foot shaft at a point 32 feet N 30° W of the collar of drill hole No. 8 indicated on the attached map entitled "DMEA 2439- Plan Map, Presnell Mine, Yancey County, N. C." This shaft is to be deepened 22 feet approximately 5' x 8' in cross section with a manway separated from the hoisting compartment. From the bottom of the shaft a drift is to be driven on the pegmatite approximately 30 feet northeast and 70 feet southwest.

All the work (including its quality, direction and extent) shall be performed in a manner approved by the Government.

Agreed Estimated Costs of the Project

Deepen shaft (including necessary timbering or rehabilitation required in existing 27-foot shaft) 22 feet at $50.00 per foot	$1,100.00
Drift 100 feet at $30.00 per foot	3,000.00
Total cost of the project	$4,100.00
Government participation at 90%	$3,690.00

MF-202

COPY

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Yancey, State of N. C., described in a certain Exploration Project Contract dated July 29, 1952, between Yancey Mica Mines, Inc., the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated Dec. 10th, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

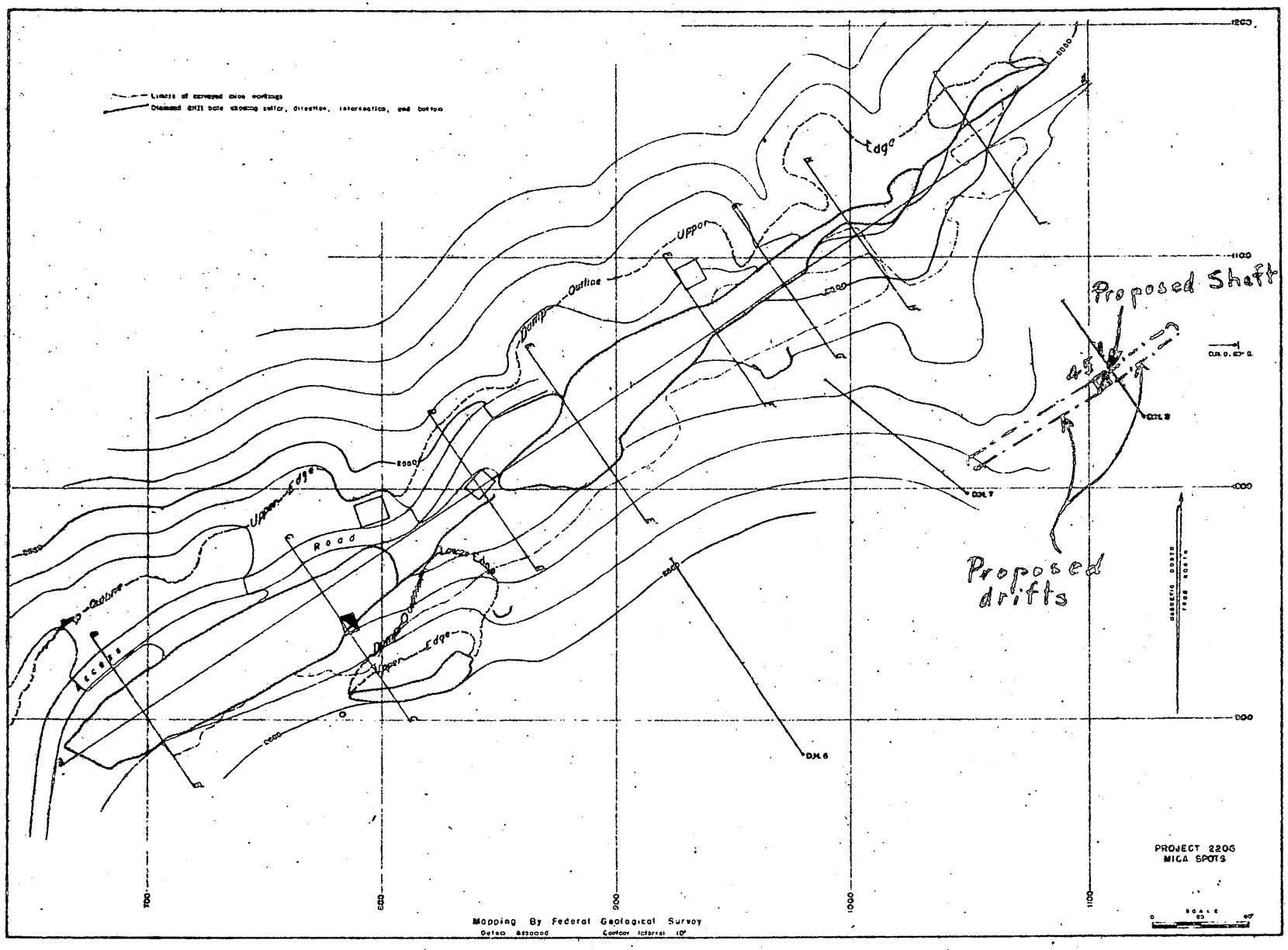
This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 10th day of Dec., 1951

/s/ E. L. Briggs

Eloise Briggs

U. S. GOVERNMENT PRINTING OFFICE 940768



DMEA 2439 ~~Figure 8~~. - Plan map, Presnell mine, Yancey County, N. C.

No hard to type

Project Summary Report

By: James Hopkins March 10, 1955

1. Docket No DMEA 2439 Mica
Presnell Mine
Yancey County, North Carolina
Contract No. Idm-E 373

Operator: Yancey Mica Miners, Inc
Burnsville North Carolina
Application: MF103 received March 18, 1952
Owners Property Rights: Lessee Lease dated 12/10/51
Landlord's Subordination Agreement 12/10/51

2. Contract: dated July 29, 1952
Work Authorized:

Deepen Shaft 22 feet @ 50¢/ft	$1,100.00
Drift 100 feet @ $30.00/ft	3000.00
Total Cost of Project	$4100.00
Government participation @ 90%	$3690.00

Amendments: None
Work Completed

Shaft Sinking 22 feet @ 50¢	$1,100.00
Drifting 52 feet @ 30¢	1,560.00
Total Cost of Project	$2660.00

Work began August 25, 1952 and was terminated by mutual consent November 10, 1952
Value of Production: None

3 Audit: Report of Review dated November 13, 1952

Total Cost as billed by Operator	$2,660.00
Exceptions	None
Total Accepted Cost	$2660.00
Government Participation @ 90%	$2394.00

4. Certification None issued

5. Comments:

The project was established to explore a pegmatite found by diamond drilling southeast of the main Presnell pegmatite

The work was carried on in an efficient and competent manner

Geological Premise:

The belief that a pegmatite parallel to a highly productive one might be equally rich in mica was disproved by the work done on this project

Geological Criteria upon which the project was founded

The main Presnell pegmatite had been mined and had yielded mica valued at around $150,000.00 Bureau of Mines drilling penetrated pegmatite 8 feet, 7½ feet and 12½ feet in holes Nos 6, 7 and 8 over a strike length of 240 feet. A 27 foot test pit bottomed in pegmatite.

Geological Criteria developed during the project:

A pegmatite 4 to 8 feet in thickness was found during the project. It is medium fine grained, unzoned and contained fine scales of colorless muscovite not sufficiently large enough to form pattern. It is enclosed in biotite gneiss.

Future Possibilities:

The pegmatite has no further possibilities

Recommendations:

No mica of strategic grade was

(over)

found by the project thus the Field Team recommended that a certification of discovery should not be made.

The Nonmetallic Minerals Division concurs in the recommendation of the Field Team

COPY

Room 13, Post Office Building
Knoxville 02, Tennessee

January 2, 1953

Memorandum

To: Operating Committee, D M E A - Washington

From: Executive Officer, D M E A - Region 7

Subject: Final Report on DMEA-2439, Idm-E373 (mica) Presnell Mine

Transmitted are four copies of the above subject final report.

/s/ Robert A. Laurence

zm

Reviewed by
DMEA OPERATING COMMITTEE

1-9-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
By
FIELD TEAM, REGION VII

DMEA-2439, Idm-E373 (Mica)

PRESNELL MINE
Yancey County, N. C.

By

Kefton H. Teague, Geologist
U. S. Geological Survey
-
-
Lawrence E. Shirley, Mining Engineer
U. S. Bureau of Mines

December 30, 1952

Reviewed by
DMEA OPERATING COMMITTEE
1-9-53
(date)

FINAL REPORT

on

PRESNELL MINE

DMEA Docket No. 2439, Imd-E373 (mica)

Operator: YYancey Mica Mines, Inc., Burnsville, N. C.

The Presnell Mica Mine is located about two airline miles northeast of Micaville, Yancey County, North Carolina, along the east bank of South Toe River.

This project consisted of exploring a pegmatite found by diamond drilling southeast of the main Presnell pegmatite. An existing shaft was deepened to 55.5 feet and a drift 52 feet long was driven on the pegmatite. No mica of strategic grade was found by this project, thus no certification of discovery should be made.

Work on this project consisted of dewatering an existing 27-foot shaft, deepening the shaft to 55.5 feet and driving a 52-foot drift to the southwest along the pegmatite (see attached map). The shaft cut through the southeast dipping pegmatite at approximately the 25-foot level, thus it was bottomed in biotite gneiss. The drift was turned off at the 50 foot level and directed to intersect the pegmatite at about 20 feet from the shaft. After the drift cut the pegmatite, it was followed along the strike for approximately 30 feet.

Where the pegmatite is exposed in the shaft and drift, it ranges from four to eight feet in thickness. It is medium fine grained, unzoned, and composed of fine quartz, plagioclase feldspar, and fine scales of colorless muscovite. No muscovite in sizes sufficiently large to trim pattern was recovered from the pegmatite.

In general the pegmatite trends about N. 60° E, dipping from 60 to 70° SE. It appears to be parallel in both strike and dip to the main pegmatite which has been mined successfully at the Presnell Mine. The pegmatite explored varies considerably in thickness along both strike and dip. Some biotite gneiss wall rock inclusions occur.

This project began on August 25, 1952 and was terminated by mutual Consent on November 10, 1952.

Expenditures:

Total approved.....$4,100.00

Total cost of project..... 2,660.00

Government's share of cost 2,394.00

Government's share unexpended 1,296.00

Value of production during project..... none

This project was conducted in an efficient and competent manner. The project was done on the short form contract, thus there was no equipment purchased under the contract of salvagable value.

December 30, 1952.

Kefton H. Teague, USGS

Shirley, L. E. USBM

zm

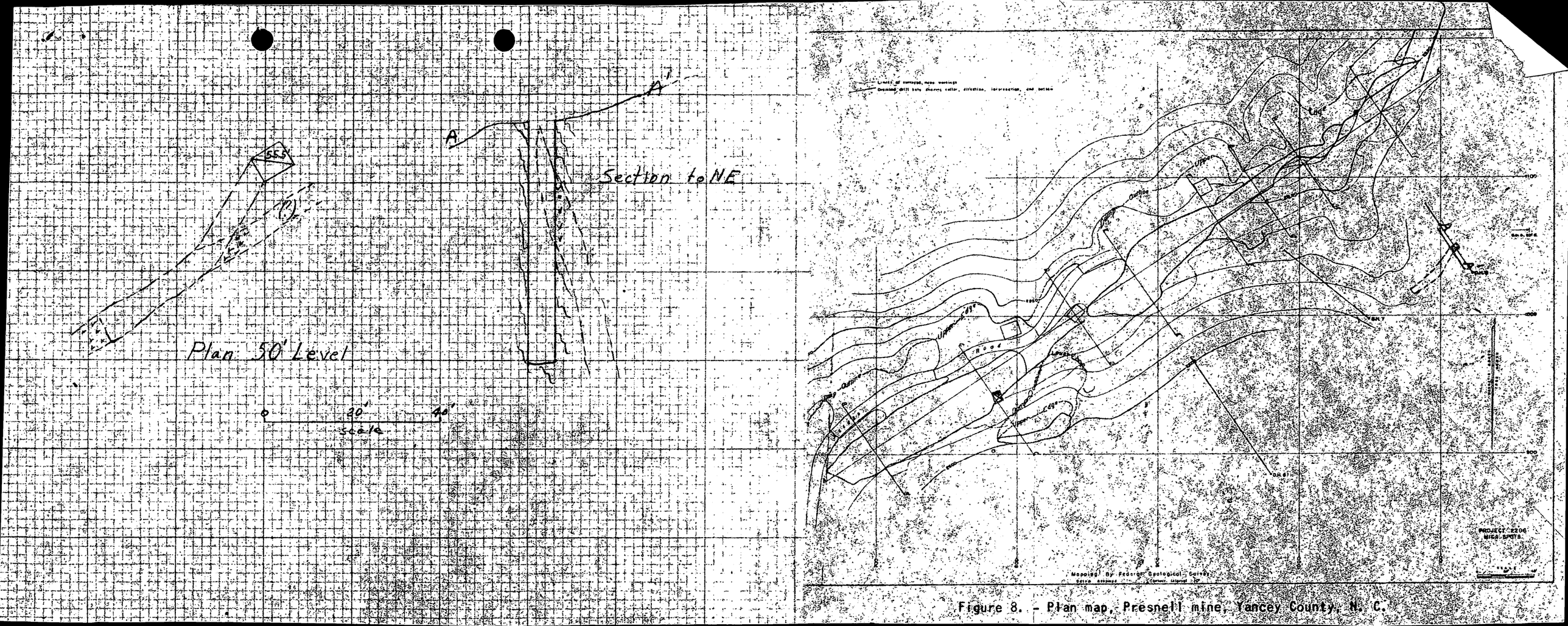


Figure 8. - Plan map, Presnell mine, Yancey County, N. C.

600

NOV 24 1952

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

Subject: Docket No. DMEA-2439 - Mica
Yancey Mica Mines, Inc.
Presnell Mine
Yancey County, North Carolina
Contract No. Ida-8373

Dear Mr. Laurence:

Reference is made to the subject contract for exploration of the Presnell Mine in Yancey County, North Carolina.

The termination by mutual agreement has been received in this office.

A final review is prepared here for each contract after it is terminated. If the operator's final report and the report of the field team supply part of the information for this review, we would appreciate receiving these final reports on the subject contract as soon as convenient.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

A. R. Finkel, Jr.

Member, Geological Survey

GAFeitler:gad 11/24/52

Copy to: Admr. A. File
Docket File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

Form M&T-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.3.
Approval Expires 10-31-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED
NOV 21 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1952 Docket No. DMEA 2439 Contract No. IDM-E 373
Operator's Name Yancey Mica Mines, Inc. Minerals Mica
Address Burnsville, North Carolina
Contract Amount, $ 4100.00 Government Participation: 90 % Amount, $ 3690.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1260.00	300.00	1560.00	1260.00	300.00	1560.00
Shaft		1100.00	1100.00		1100.00	1100.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1260.00	1400.00	2660.00	1260.00	1400.00	2660.00

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

Date 10-31-52 *Payee Yancey Mica Mines, Inc.

Per D M Robinson Title Sec. & Treas.

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

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

(Instructions on reverse)

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

$ 1134.00

Signature _____
(Authorized Certifying Officer)

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

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E373 in accordance with the terms of the contract.

Signature Benjamin Gildersleeve Title Geologist U.S.G.S. Date 11-18-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. A. Beck Title Acting Exec. Officer Region VII Date 11-18-52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 21 1952

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

Month of October 1952 Docket No. DMEA 2439 Contract No. IDM-E 373
Operator's Name Yancey Mica Mines, Inc. Minerals Mica
Address Burnsville, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.	1260.00	42	1560.00	52	30.00		
Crosscutting								
Raising								
Shafts	Ft.			1100.00	22	50.00		
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1260.00		2660.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		.00		.00				
Initial Rehabilitation and Repairs		.00		.00				
New Buildings, Improvements, etc.		.00		.00				
		.00		.00				
TOTAL COSTS		1260.00		2660.00				

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

Date 10-31-52 Operator Yancey Mica Mines, Inc.
Per D M Robinson Title Sec. & Treas.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

NARRATIVE REPORT ON THE PRESNELL MINE
FOR THE MONTH OF OCTOBER, 1952
DMEA 2439, IDM E-373

The work performed during the month of October was the continuation of driving a tunnel, and this tunnel was driven for a distance of 42 feet during the work period. In addition to driving a tunnel some test holes were drilled for a distance of approximately 20 feet on ahead to see if the drill steel could pick up any mica.

During all of this work we were unable to discover any strategic mica and work, with the approval of the representative of DMEA in Knoxville, was abandoned.

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~xxWASHINGTON 25, D.C.xx~~

C
O
P
Y

Room 13, Post Office Building
Knoxville, Tennessee

October 28, 1952

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region VII

Subject: Operator's Narrative Reports.

Your letter of October 23, concerning Operator's narrative reports in general, and the reports for DMEA-2439, Yancey Mica Mines, Inc., in particular has been received.

The Field Team agrees with your suggestion for sending each contractor a copy of the sample narrative, and we are now sending one to the active contractors, except those who have been submitting satisfactory reports. It is difficult to get most of the small operators to write a useable report, but this should help to get the kind of information needed by your office.

The sample report and a covering letter will also be given to each new contractor at the time the contract is signed.

/s/ Robert A. Laurence

Robert A. Laurence

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
SOUTHEASTERN REGION
REGION VII

OFFICE OF
REGIONAL DIRECTOR

P. O. BOX 217
NORRIS, TENNESSEE

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 29 1952

October 27, 1952

Memorandum

To: Jay L. Chambers, Defense Minerals Exploration Administration, Washington, D. C.

From: Administrative Officer, Region VII, Norris, Tennessee

Subject: Monthly Report and voucher

We are enclosing two copies of the following monthly report and voucher:

Ida-E-357 F. B. Hendricks
Docket No. DMEA-2430
3rd payment - Month of September 1952
Amount $463.31

The actual starting date on Contract Ida-E-373, Yancey Mica Mines, Inc., Docket No. DMEA-2439, was August 25, 1952.

Helen R. Miller

Enclosures
Cc: Mr. W. A. Beck
Mr. R. A. Laurence

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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NOV 5 1952

INTERIM REPORT

IMEA-2439 Idm-E373 (mica) FRESNELL MINE

OPERATORS: Yancey Mica Mines, Inc.
Burnsville, North Carolina.

LOCATION: 2 miles airline northeast of Burnsville, North Carolina, along the east bank of the South Toe River.

The Field Team was accompanied on this visit by Mark Bennett and Douglas Robinson of Yancey Mica Mines, Inc. Present heading in the S 20° W drift is at 45 feet. Material encountered consists mainly of feldspar, garnetiferous biotite schist and a few small pieces of muscovite mica. From all indications the pegmatite is apparently rolling in the present heading.

K. H. Tongue, Geologist
U. S. Geological Survey

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

October 24, 1952

OCT 23 1952

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

Subject: Docket No. DMSA-2439 - Mica
Fresnell Mine
Yancey Mica Mines, Inc.
Yancey County, North Carolina
Contract No. Idm-8373

Dear Mr. Laurence:

Reference is made to the subject Contract (Idm-8373) for mica exploration on the Fresnell Mine in Yancey County, North Carolina.

Please note in Memorandum No. 11 from the Operating Committee to all field teams, paragraph (2), the narrative statement is a required part of the contract and may be reason for withholding payment if not received. Please request the operator to supply copies of narrative of work accomplished during the month. This narrative may take the form of a simple diary describing progress of work, reasons for delay, employees and circumstances affecting progress of the work.

Enclosed is a diary type of report, received from a New England operator simplified. While it is more detailed than necessary, it gives information of value to this office. It is being enclosed to get your reaction to sending each contractor a copy with a view to having this office better informed of the progress at the mines.

Your comments on this approach will be appreciated.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee

Approved:

Charles N. Merrill
Member, Bureau of Mines

G. R. Finkel, Jr.
Member, Geological Survey

Enclosure

LGHouk:gad 10/21/52
Copy to: Adm. R. File
Docket File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

Sas

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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OCT 15 1952

INTERIM REPORT

DMEA-2439 Idm-E373 (Mica) PRESNELL MINE

OPERATOR: Yancey Mica Mines, Inc., Burnsville, North Carolina

LOCATION: Approximately 2 miles airline northeast of Micaville, North Carolina.

Progress on this project is satisfactory. The northeast drift, as proposed in the contract, has been driven about 15 feet. No mica has been recovered from this drift to date.

L. E. Shirley

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines
Mining Branch
Minerals Technology Division
Region VII

October 7, 1952

10/17/52
Tel. - Teague
He says the above drift is a X cut to intersect the peg. at an acute ∠ to avoid short radius turn on peg.

Form [illegible]104 (Rev.)
(. [illegible]1 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1952 Docket No. DMEA 2439 Contract No. IDME-373

Operator's Name Yancey Mica Mines, Inc. Minerals Mica

Address Burnsville, N. C.

Contract Amount, $ 4100.00 Government Participation: 90 % Amount, $ 3690.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	300.00		300.00	300.00		300.00
Shaft	1100.00		1100.00	1100.00		1100.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1400.00		1400.00	1400.00		1400.00

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

Date Sept. 30 *Payee Yancey Mica Mines, Inc.

Per D. M. Robinson Title Sec. & Treas.

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

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

(Instructions on reverse)

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

$ 1260.00

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm. E373 in accordance with the terms of the contract.

Signature Lawrence E. Shurley Title Mining Engr. U.S.B.M. Date 10-9-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Beck Title Acting Exec. Officer Region VI Date 10-13-52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form [illegible]104A
(Ap[illegible]052)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 195 2 Docket No. DMEA 2439 Contract No. IDME-373
Operator's Name Yancey Mica Mines, Inc. Minerals Mica
Address Burnsville, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.	300.00	10	300.00	10	30.00		
Crosscutting								
Raising								
Shafts	Ft.	1100.00	22	1100.00	22	50.00		
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1400.00		1400.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1400.00		1400.00				

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

Date Sept. 30 Operator Yancey Mica Mines, Inc.
Per [signature] Title Sec. & Treas.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

OCT 3

Mr. Feiler

INTERIM REPORT

DMEA-2439, Idm-E373 (mica)

Operator: Yancey Mica Mines, Inc. Burnsville, N. C.

Mine: Presnell Mine, located on South Toe River, 3 miles north of Micaville, Yancey County, North Carolina.

Shaft at this mine has been completed at a depth of 55.5 feet and point selected on September 26, 1952 for turning off drift. Progress of this project has been good.

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

Lawrence E. Shirley, Mining Engineer
U. S. Bureau of Mines

September 30, 1952

No Monthly Rept rec. as of 10/6/52
SF.

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

Re: DMEA-2439 (mica)
Yancey Mica Mines, Inc.

Dear Mr. Laurence:

This will acknowledge receipt of your letter of July 21, 1952 concerning the subject contract which you noted in the Operating Committee Minutes No. 87 of July 9 as having been referred to the Field for execution.

Please be advised that this contract as well as all others approved by the Operating Committee since July 9 are being held in this office pending release of funds. DPA has approved funds to cover contracts for the fiscal year of 1953. However, since these funds have not yet been made available to us, execution of contracts are being held up.

It is expected that the necessary funds will be available shortly, at which time all contracts for your Region, which have been approved by the Operating Committee, will be forwarded to you.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Administrator

FEJohnson/pa 7-24-52

cc: Admin. Reading File
Mails & Files
Mr. Houk
F. E. Johnson

600

JUL 29 1952

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region VII
Room 13, Post Office Building
Knoxville 01, Tennessee

Subject: Docket No. DMEA-2439 - Mica
Pressnell Mine
Yancey Mica Mines, Inc.
Burnsville, North Carolina

Dear Mr. Laurence:

Please find herewith the original and five copies of a contract covering the subject exploration project which have been signed by this office for the Government with register number and effective date as shown.

After the starting time has been inserted and the contract signed, one copy is to be given to the Operator, one copy retained for your files, and the remaining copies, including the original, are to be returned to this office as soon as possible.

A copy of the contract required by the Regional Finance Office will be forwarded directly by the Washington Finance Section.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

J. H. Hedges

Member, Bureau of Mines

T. P. Thayer

Member, Geological Survey

SAFeitler: GAD 7/7/52
Copy to: Admin. Reading File
Docket File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

Enclosures 6

July 7, 1952

Memorandum

To: Chairman, Operating Committee, DMEA

From: S. A. Feitler, Non-Metallic Minerals Division

Subject: Resume, Docket No. DMEA-2439 - Mica
Yancey Mica Miners, Inc. - Presnell Mine
Burnsville, North Carolina

History

Application (DMEA-2313) dated December 29, 1951, proposed exploration below the old workings by sinking a low angle winze.

The application was denied without a field examination on February 15, 1952. The basis for the denial was a Survey memo dated January 10, 1952, which recommended denial as the mine was worked out. "The productive pegmatites have been worked out and drilling by the U. S. Bureau of Mines failed to find extensions." Also - "A small pegmatite was found by the U. S. Bureau of Mines drilling 100 feet southeast of the main pegmatite and was later explored by a shaft, but practically no mica was obtained."

Application (DMEA-2439) was submitted under date of March 18, 1952. The proposed program was for a 274 foot crosscut below the old workings to intersect the new pegmatite discovered by the Bureau of Mines drilling and was estimated to cost $7,500.00.

The Survey recommended denial (Memo dated March 27, 1952). It was pointed out that three drill holes penetrated 8', 7½', and 13' of pegmatite width, and 200 feet of probable strike length. It was also learned that the "shaft" on the new pegmatite was a pit 20 to 25 feet deep.

The field report received May 21, 1952, recommended the the test pit be deepened to 47 feet and 100 feet of drifting be done from the bottom. The cost estimate was $5,304.00.

A contract was written setting up the recommended work on a unit basis as follows:

Deepen shaft (including necessary timbering or rehabilitation required in existing 27 foot shaft) 22 feet at $50.00 per foot	$1,100.00
Drift 100 feet at $30.00 per foot	3,000.00
Total cost	$4,100.00

This was submitted to the Operating Committee for the meeting of July 9, 1952.

S. A. Feitler
Non-Metallic Minerals Division

SAFeitler:gad 7/7/52

Copy to: Admin. Reading File
Docket File
Mr. Houk

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

July 7, 1952

Memorandum

To: Chairman, Operating Committee, DMEA

From: S. A. Feitler, Non-Metallic Minerals Division

Subject: Resume, Docket No. DMEA-2439 - Mica
Yancey Mica Miners, Inc. - Presnell Mine
Burnsville, North Carolina

History

Application (DMEA-2313) dated December 29, 1951, proposed exploration below the old workings by sinking a low angle winze.

The application was denied without a field examination on February 15, 1952. The basis for the denial was a Survey memo dated January 10, 1952, which recommended denial as the mine was worked out. "The productive pegmatites have been worked out and drilling by the U. S. Bureau of Mines failed to find extensions." Also - "A small pegmatite was found by the U. S. Bureau of Mines drilling 100 feet southeast of the main pegmatite and was later explored by a shaft, but practically no mica was obtained."

Application (DMEA-2439) was submitted under date of March 18, 1952. The proposed program was for a 274 foot crosscut below the old workings to intersect the new pegmatite discovered by the Bureau of Mines drilling and was estimated to cost $7,500.00.

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Drift 100 feet at $30.00 per foot	3,000.00
Total cost	$4,100.00

This was submitted to the Operating Committee for the meeting of July 9, 1952.

S. A. Feitler
Non-Metallic Minerals Division

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

July 1, 1952

Memorandum

To: Acting Administrator

Through: Lawrence G. Houk

From: Chief Counsel

Subject: Yancey Mica Mines, Inc. — Docket No. DMEA-2439

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

(1) The insertion of the date of the contract in the Landlord's Subordination Agreement.

(2) The insertion in Article 3 of the contract form of the number of days from date of contract in which work shall begin on the project of exploration.

J. L. Hofflund

J. L. Hofflund
Chief Counsel
by A E Kane

Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR

140

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

July 1, 1952

Memorandum

To: Acting Administrator

Through: Lawrence G. Houk

From: Chief Counsel

Subject: Yancey Mica Mines, Inc. — Docket No. DMEA-2439

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J. L. Hofflund

J. L. Hofflund
Chief Counsel
by AE. Kane

Attachments

AEKane/bjl

Copy to: Mails & Files
J. L. Hofflund
L. G. Houk
A. E. Kane
Chron.

June 17, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2439, Yancey Mica Mines, Inc. (mica) Presnell Mine, Field Examination Report.

I concur in the field team's recommendation for an exploration program in the amount of $5,304.

W. F. Dietrich

IN REPLY REFER TO:
G-MD-JJN

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

June 6, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2439 (Mica).

To: L. G. Houk, Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Applicant: Yancey Mica Mines, Inc.
Name of property: Presnell.
Location of property: Yancey County, North Carolina.
Field team's recommendation:
Shaft and drifts to explore the new mica pegmatite cut by Bureau of Mines drill holes in World War II. Estimated cost $ 5,304.
Comments: None.

ACTION SUGGESTED:
Follow field team's recommendation.

J. J. Norton

JJNorton:hhp
G-6/6/52
cc: Director's Reading file, 4212
Branch Reading file, 4212
DMEA
JJNorton, G-230, GSA Bldg., USGS
extra
extra

COPY

Room 13, Post Office Building
Knoxville, Tennessee

May 19, 1952

Memorandum

To: Operating Committee, DMEA

From: Field Team, DMEA Region VII

Subject: DMEA-2439, Yancey Mica Mines, Inc. (mica) Presnell Mine, Field Examination Report.

Transmitted herewith are 4 copies of the Field Examination Report on the Presnell Mine, and 6 extra copies of the map. The Field Team Agrees with the findings of this report.

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

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

THE UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2439, PRESNELL MINE
(mica)
Yancey County, North Carolina

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 21 1952

By

A. L. Peyton, Mining Engineer
U. S. Bureau of Mines

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

May 19, 1952

Reviewed by
DMEA OPERATING COMMITTEE
5-26-52
(date)

Report of Field Examination on

IMFA-2439, PRESNELL MINE, (mica) Yancey County, North Carolina

The Presnell Mine is located about two miles airline northeast of Micaville, North Carolina, along the east bank of the South Toe River.

No mining has been conducted at this deposit since the U. S. Bureau of Mines concluded its drilling program in 1945. As indicated in Parkers letter concerning this loan application a shallow test pit has been sunk in pegmatite northeast of drill hole 8. This opening is now filled with water, but sounding by the Field Team indicated that it is approximately 27 feet deep. The opening is in hard rock and untimbered.

The Field Team does not believe that the possibility for finding additional mica at deeper levels at the Presnell Mine justifies the cost involved to explore for it. However, the drilling results have shown that an unexplored pegmatite occurs approximately 100 feet southeast of the Presnell deposit. The 27-foot test pit apparently bottomed in pegmatite as indicated from the dump material. Small pieces of mica similar to the Presnell mica occur in the dump.

The Field team believes that the pegmatite discovered by the core drilling program has merit for exploration. It is recommended that the 27-foot test shaft be deepened 20 feet and drifts run in both directions along the pegmatite. This shaft is 32 feet N. 30° W. of the collar of drill hole No. 8. As drill hole No. 9 did not cut the pegmatite it is recommended that the drift from the shaft in that direction be driven only 30 feet. The drift to the southwest from the shaft should be approximately 70 feet long.

The map, dated March 8, 1952, submitted with the application shows the eastern line of the property. The western boundary is approximately parallel to the eastern one, and occurs at about the "graveled road" at the western end of the deposit. The north boundary is the river, and the south line is beyond the southern limits of the map.

(Work estimates next page).

Estimated costs are as follows:

Work to consist of 20 feet of shaft-sinking @ $6520/ft. = $1304.00 and 100 feet of drifting @ $40/ft. = $4,000. Total Cost of project estimated to be $5,304.00.

Fixtures and Improvements	
10 x 12 tool house	$ 150.00
Dynamite and explorder magazine @ $50 ea.	100.00
Operating Equipment	
To be rented:	
1 - 105 cu. ft. air compressor, 2 mos. @ $200/mo.	400.00
1 - Jackhammer drill with column & arm, 2 mos. @ $60/mo.	120.00
100 ft. air hose, 2 mos. @ $5/mo.	10.00
1 - Gasoline hoist, 2 mos. @ $75/mo.	150.00
1 - Air operated sump pump, 2 mos. @ $40/mo.	80.00
To be purchased:	
150 ft. of 2-inch pipe @ 60¢ per ft.	90.00
Hand tools	100.00
Dynamite & Explorders	500.00
Gasoline and oil	160.00
Drill steel and bits	300.00
Miscellaneous supplies, etc.	250.00
To be furnished by Operator:	
1 - Ventilating fan, 2 mos. @ $10/mo.	20.00
1 - Light plant, 2 mos. @ $12/mo.	24.00
Labor and Supervision	
1 - Working foreman and hoistman, 50 shifts @ $2.00 per hour	800.00
1 - Miner, 50 shifts @ $1.50/hr.	600.00
1 - Miner's helper, 50 shifts @ $1/hr.	400.00
2 - Muckers, 50 shifts @ $1/hr.	800.00
Insurance, etc.	250.00
Rehabilitation and Repairs	
None	
Estimated total cost of project.....	$5,304.00

May 8, 1952

A. L. Peyton, USBM
K.H. Teague, USGS

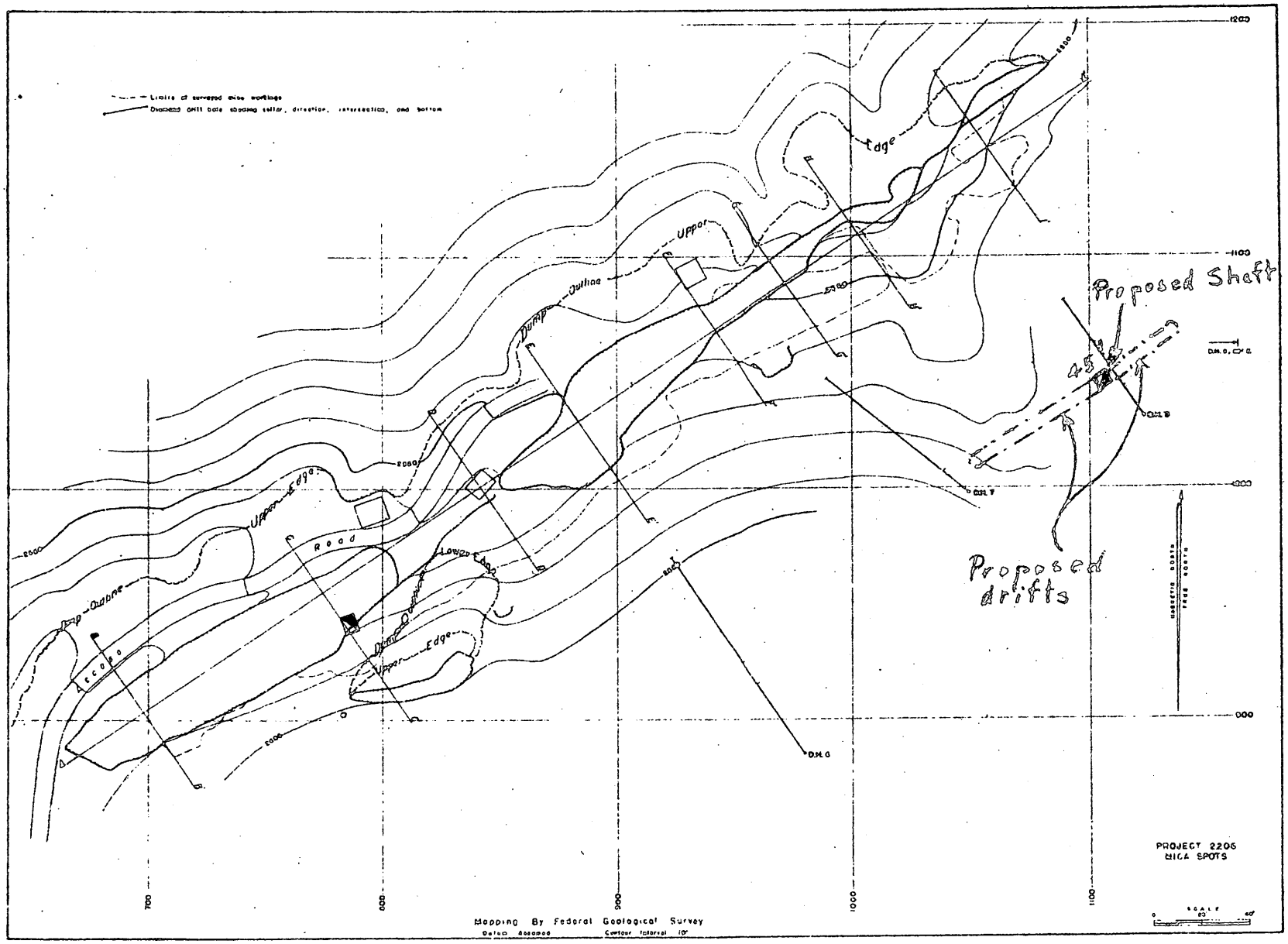


Figure 8. - Plan map, Presnell mine, Yancey County, N. C.

Memorandum

To: Lawrence G. Houk, Chief
Non-Metallic Minerals Division, DMEA

From: Stanley A. Feitler

Subject: Docket DMEA-2439 - Mica
Presnell Mine
Yancey County, North Carolina

According to this Division's ideas about diamond drilling being good for no more than determining structure, or conversely, of slight value for sampling mica or beryl, the Bureau of Mines found excellent pegmatite to explore for mica on this property.

Possibilities to the northeast along the strike of the old workings should be investigated. If the prospects are promising, the owner of the neighboring property might be interested in exploration.

In any case the Bureau of Mines drilling penetrated pegmatite 8 feet, 7½ feet and 13½ feet thick in holes 6, 7 and 8 over a strike length of 200 feet. This might be explored by drifting 75 or 100 feet each way on the 50 foot level from a shaft near hole number 7. Another possible program would depend on conditions on the ground along Section G - G' of the attached large map. If the hole can be filled and the northwest wall cut down to approximately the 2520 elevation, less than 100 feet of cross cut would reach the same point as 60 to 70 feet of shaft. This cut and fill work may be done with a bulldozer even if some blasting is necessary. If this method is feasible the cost of drifting would be less as hoisting and pumping could be eliminated.

Stanley A. Feitler

600

APR 21 1952

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region VII
Room 13, Post Office Building
Knoxville 01, Tennessee

Subject: Docket No. DMEA-2439
Mica
Presnell Mine
Yancey County, North Carolina

Dear Mr. Laurence:

The above application by Yancey Mica Miners, Inc., is a revision of the program for the Presnell Mine presented in Docket DMEA-2313. You retained one copy of this present application. We are enclosing a copy of Docket DMEA-2313 and the additional correspondence on DMEA-2439.

We also enclose for your convenience a photostat of a map on which are plotted diamond drill holes 6, 7 and 8 on their nearest cross section. This data with the pegmatite intersections is from R. I. 4241, North Carolina Mica Spots. The three holes appear to have intersected a parallel northeast trending pegmatite 100 to 120 feet southeast of the ones previously worked.

In the light of past experience with this Operator, it might be well to set up as much of the work as possible on the basis of a fixed price per unit of work.

Four holes - number 6, 7, 8 and 9 were drilled at the Presnell Mine. Holes 6 and 7 were drilled under the old workings to investigate possibilities at greater depth. Holes 8 and 9 were not intended to cross the strike of the old workings. It appears that no exploration has yet been done to the northeast along the strike of the old workings. Possibilities in this direction should be investigated.

Please arrange to have this property examined when it fits the Field Team itinerary. If exploration is warranted, the Field Team should work out a suitable program with the applicant as the work proposed by the Operator is more suitable for getting under the old workings than for exploring either the new dike or a possible northeast extension of the old workings.

The Field Team should also determine the approximate location of the mine with respect to the 58 acres under lease.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures - 10

Approved:

J. H. Hodges

Member, Bureau of Mines

T. P. Thayer

Member, Geological Survey

SAFeitler:mp 4/16/52
cc: Docket File
Adm. Reading File
Operating Committee
Mr. Deitrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

600

APR 21 1952

Yancey Mica Miners, Inc.
Burnsville
North Carolina

Subject: Docket DMEA-2439 - Mica
Fresnell Mine
Yancey County, N. C.

Gentlemen:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 01, Tennessee, for further information.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler: mp 4/16/52
cc: Docket File
Adm. Reading File
Field Team, Region VII (2)
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

Mr. D. M. Robinson
Yancey Mica Miners, Inc.
Burnsville, North Carolina

Subject: Docket No. DMEA-2439 - Mica
Presnell Mine
Yancey County, North Carolina

Dear Mr. Robinson:

In reference to the above application, the enclosed Landlord's Subordination Agreement is signed by E. L. Briggs but not by his wife.

Please have Mrs. Briggs sign it as she signed the lease, then return it to this office.

Sincerely yours,

Lawrence G. Houk, Chief
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

Enclosure

SAFeitler:gad 4/16/52

Copy to: Admin. Reading File
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

IN REPLY REFER TO:

G-MD-JJN

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

April 10, 1952

Memorandum

To: L. G. Houk, Non-Metallic Minerals Division, DMEA

From: J. J. Norton, U. S. Geological Survey

Subject: Yancey Mica Mines, Inc., application DMPA-2439, Pressnell Mica Mine, Yancey County, North Carolina.

I have written Jack Parker on the subject of our problems with the Pressnell mine. He has sent me a copy of the letter of January 8 to Kupfer to replace the one that was lost, and he also has written a letter to me that clarifies the problem.

The letter of January 8 from Parker to Kupfer follows:

> I am afraid that I shall not be able to give you the sort of information which you requested in your letter of January 5 concerning the Presnell mica mine in Yancey county, North Carolina. I have not been to the mine in several years, and have here no notes or maps of the property. Consequently, I can only depend on my recollections.
>
> I recall that the main pegmatite seemed to have been just about worked out, and that the upper parts of the workings were so badly caved that it would be difficult to operate at deeper levels. The exploration that the Bureau of Mines carried on did indicate another pegmatite did exist to the southeast, and I recall that later a short shaft was sunk on this pegmatite, but practically no mica was obtained. I believe that work was done by Mr. Jesse McKinney of Hawk, North Carolina, who had formerly been an engineer for Colonial Mica Corporation. It is possible that he might be able to supply some details of his experience there. In any case, his workings, I believe, were too small to constitute a final test of the economic possibilities.

On April 2 Parker wrote me as follows:

> . . . The term "shaft" which I used in referring to the shallow workings made about 1945 by Jesse McKinney (I think) is perhaps over-dignified and this may account for the Yancey Mica Mines people's insisting that it does not exist. The pit was, as I recall it, sunk perhaps 20 or 25 feet and was located practically along the axis of a draw which crosses the mine towards its northeast end. It may have been back-filled and of course must be flooded and perhaps slumped in. As I stated in my previous letter, it was not large enough to really test the possibilities. The mine had a good record of production in the early part of World War II from several closely spaced lenticular pegmatites, as I recall it, so that it seems reasonable that other mica-rich bodies lie nearby.
>
> As you probably realize from the reports you have, I did not study this deposit in detail but only cooperated with the Bureau in its drilling. From what I do know of it, however, it seems to me it might be a reasonable location for further exploration.

Under these circumstances I suggest that you write the applicant as follows:

> In considering your new application for work at the Fressnell mine, we have decided that exploration of the southeast pegmatite by the most economical method is justified. We have learned that the shaft sunk on this deposit during World War II was a pit 20 to 25 feet deep that is on the axis of the draw crossing the northeast end of the mine. This pit probably has since caved in, thus accounting for your belief that it does not exist. We understand that the man who sunk this pit may have been Mr. Jesse McKinney of Hawk, North Carolina, who perhaps can provide information on results of this work.
>
> Inasmuch as the pit sunk in World War II may not have been adequate to explore the southeast pegmatite, we would be willing to enter into negotiations with you to write a contract for sinking a shaft in the vicinity of U. S. Bureau of Mines Drill Hole No. 8. If you are willing to

explore the deposit in this way, we will instruct the field team to examine the property and come to an agreement with you on an adequate program for doing this work.

If this general plan is suitable from your standpoint, please reply to that effect, and we will transmit the docket to the field team for further action.

J. J. Norton

JJNorton:jeh
G-4/10/52
cc: Director's Reading file 4212
Branch " " "
DMEA
Norton, USGS, Rm. G-230 GS Bldg.

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

April 1, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief
Ceramic and Fertilizer Materials Branch

Subject: DMEA-2439: Yancey Mica Mines, Inc., (Fresnell Mine), North Carolina.

The Bureau of Mines diamond drilled subject property during World War II, and discovered strategic mica in an unmined pegmatite parallel to the older workings. (See R. I. 4241, holes 6, 7, 8, and 9). There is no evidence that this discovery has been explored further. Applicant's proposal to explore the discovery appears worthy of consideration. A field investigation is recommended. The proposed program apparently involves excessive risk, but a more conservative plan of exploration may be developed by entering the deposit at a higher elevation.

W. F. DIETRICH

IN REPLY REFER TO:

G-MD-JJN

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

March 27, 1952

Memorandum

REVIEW OF APPLICATION DMEA-2439 (Mica).

To: L. G. Houk, Non-Metallic Minerals Division, DMEA

From: J. J. Norton, U. S. Geological Survey

Subject: Yancey Mica Mines, Inc., application (DMEA-2439) for aid in exploring the Pressnell mine for mica.

Location of mine: Yancey County, North Carolina, about 5 miles west of Spruce Pine.

Summary of applicant's proposal: Adit 274 feet long to "cut the pegmatite indicated by Drill Hole No. 9" and "to locate strategic mica indicated by D.D.H. No. 9 made by the U. S. Bureau of Mines on Project No. 2206."

Estimated cost: $7,500.

RECOMMENDATION: Reaffirm denial of DMEA-2313.

Reasons for recommendation: U. S. Bureau of Mines Rept. Inv. 4241, page 4, states, in reference to this mine: "Results of drilling indicate that the dikes formerly mined have been worked out." The log on pages 14-15 shows pegmatite in three places: (1) 2 feet of weathered pegmatite with scrap mica; (2) 0.7 feet of pegmatite with scrap mica; and (3) 3.1 feet of fine-grained quartzose pegmatite with no mica.

J. J. Norton

Norton:jeh
G-3/27/52
cc: Director's reading file 4212
Branch reading file 4212
DMEA files ✓
Norton G-230

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. DMEA-2439
Metal or Mineral
Date Received 3-24-52
Amount $
Participation (Government %)

YADKIN RIGA MINES, INC.
DUNSVILLE, NORTH CAROLINA

(Revised - PRINTED NAME)

Name and address of applicant

March 10, 1952

Date

If you have already filed MF-100, give date filed _____, type of assistance requested _____,

DMA Docket Number (if available) _____

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 24 1952

16-64067-2

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

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

YANCEY LEGA MINES, INC.

(Name of company)

By D M Johnson

(Signature of authorized official)

March 18, 1952

(Date)

Sec. & Treas.

(Title)

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—64067-2

Form MF-103 Exhibit 1

APPLICATION FOR AID FOR AN EXPLORATION PROJECT

YANCEY MICA MINES, INC. (PRESNELL MINES)

1. (a) Property known as the Presnell Mine is located three miles in a Northwesterly direction from Newdale and lies on the South Toe River. A description of the property is contained in a lease covering the property that is filed with the U. S. Department of Interior, Docket No. DMEA-2313.

(b) See Packet DMEA-2313.

(c) See Packet DMEA-2313.

2. (a) Strategic mica.

(b) The property has been operated as a mine by E. L. Briggs and associates at various times in the past, and an application has been previously submitted to reopen the old workings including the Blalock Heading. Reconsideration was given to the proposed undertaking so as to revise the application so that the exploration would be to locate strategic mica indicated by D. D. H. No. 9 made by the U. S. Bureau of Mines on Project No. 2206. A map is attached to indicate the cross cut to be made for this pegmatite.

COPY

Form MF-103 Exhibit 2

APPLICATION FOR AID FOR AN EXPLORATION PROJECT

YANCEY MICA MINES, INC. (PRESNELL MINES)

3. (a) It is proposed to drive an adit for a distance of approximately 274 feet so as to cross cut the pegmatite indicated by Drill Hole No. 9 made some years ago. It is also proposed to go under the old workings of this mine; and it is estimated that the excavation in the side of the hill will be approximately 64 feet deep to reach a set port entrance, thus leaving approximately 210 feet of a 5 x 7 tunnel. The total cost of this undertaking will be $7,500.00.

(b) Work can be started within 10 days after the contracts have been signed, and can be completed within 90 days.

COPY

Form MF-103 Exhibit 3

APPLICATION FOR AID FOR AN EXPLORATION PROJECT

YANCEY MICA MINES, INC. (PRESNELL MINES)

4. When the previous application DMEA-2313 was filed, all the existing maps of the Presnell Mine, known to the applicant, was filed with this application. A map made by D. M. Sholl, engineer with Yancey Mica Mines, Inc., of the present undertakings, indicating the scope of the work to be done, is attached to this application.

COPY

Form MP-103

Exhibit 4

APPLICATION FOR AID FOR AN EXPLORATION PROJECT

YANCEY MICA MINES, INC. (PRESNELL MINES)

5. There are no existing facility buildings and installations at the present time located at or near the mine that can be used for mining purposes.

COPY

Form MF-103 Exhibit 5

APPLICATION FOR AID FOR AN EXPLORATION PROJECT

YANCEY MICA MINES, INC. (PRESNELL MINES)

6. The only buildings that will be necessary will be one (1) tool house (10 x 12), and magazines to store dynamite and explosives. The total cost will be approximately $150.00.

Form MF-103

Exhibit 6

APPLICATION FOR AID FOR AN EXPLORATION PROJECT

YANCEY MICA MINES, INC. (PRESNELL MINES)

7. (a) Equipment to be rented

(1)	Bulldozer with blade	24 hrs.	@	$12.50	$ 300.00	
(2)	Two air compressors	2 mos.	@	500.00	1000.00	
(3)	Air hose (100')	2½ mos.	@	5.00	12.50	
(4)	Two air hammers	2½ mos.	@	25.00	125.00	
						$1,437.50

(b) Purchased

(1)	Hand tools and drill steel	$ 300.00	
(2)	Dynamite, exploders, and supplies	1735.00	
(3)	Tool house and magazine	150.00	
(4)	Small tools and miscellaneous items	225.00	
			$2,410.00

(c) Items furnished by operator

(1)	Fan 2 mos.	$ 18.29	
(2)	Light plant 2 mos.	21.67	
			$ 39.96

COPY

Form MF-103 Exhibit 7

APPLICATION FOR AID FOR AN EXPLORATION PROJECT

YANCEY MICA MINES, INC. (PRESNELL MINES)

8.	1- engineer	4 days @ $ 25.00/day	$ 100.00		
	1- supervisor	2 mos. @ 300.00/mo.	600.00		
	1- miner	50-8 hr. days @ $ 1.50/hr.	600.00		
	1- driller	60-8 Hr. days @ 1.35/hr.	648.00		
	1- chucker	50-8 hr. days @ 1.50/hr.	440.00		
	2- muckers	55-8 hr. days @ .90/hr.	396.00		
	1- laborer	20-8 hr. days @ .85/hr.	136.00		
	Payroll, taxes, insurance, and contingencies		892.50	$3,612.50	

COPY

Form MF-103

Exhibit 8

APPLICATION FOR AID FOR AN EXPLORATION PROJECT

YANCEY MICA MINES, INC. (PRESNELL MINES)

9. Miscellaneous items of material and supplies, additional engineering, accounting, power, and water will be furnished and cost of the same born by the operator.

COPY

Form MF-103 Exhibit 9

APPLICATION FOR AID FOR AN EXPLORATION PROJECT

YANCEY MICA MINES, INC. (PRESNELL MINES)

10. (a) $1,000.00

(b) Yes

COPY

Form MF-103

Exhibit 10

APPLICATION FOR AID FOR AN EXPLORATION PROJECT

YANCEY MICA MINES, INC. (PRESNELL MINES)

11. This application is a revision of an application previously filed and carrying Docket No. DMEA-2313. A revision has been made in the exploration of this mine due to the unfavorable report of the old workings, and a very favorable report of D. D. H. No. 9.

COPY

IN REPLY REFER TO:

G-MD-DHK

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

January 10, 1952

Memorandum

REVIEW OF APPLICATION DMEA-2313

To: Non-metallic Minerals Division, DMEA
From: Donald H. Kupfer, U. S. Geological Survey
Commodity: Mica.
Applicant: Yancey Mines, Inc., Burnsville, North Carolina.
Name of Property: Fresnell (Presley) Mica Mine.
Location of Property: 2 miles N. 33° E. of Micaville, on south bank of Toe River, Yancey Co., North Carolina.
Applicant's requests: 90% of $8,000.00.
Summary of applicant's proposal: Sink an inclined shaft at 11½ degrees under the main workings.

Sources of information on applicant's property:
J. J. Page and V. C. Fryklund's unpublished report, U.S.G.S., Sept. 1943.
U. S. B. M. R.I. 4241, April 1948.
John M. Parker III, letter dated Jan. 8, 1952.

Brief description of deposit:
Several parallel, interconnecting, irregular pegmatites of generally N.55 E. strike and 60 SE dip. (Note: applicants map incorrectly shows a NW dip). The clear ruby mica was removed from both the "main" and "footwall" pegmatites. John Parker, who visited the mine a few years ago and who logged the cores for the U. S. Bureau of Mines, states: "the main pegmatite seemed to have been just about worked out and the upper parts of the workings were so badly caved that it would be difficult to operate at deeper levels." The USBM drill holes explored for extensions of the deposit at depth, but did not cut any significant pegmatite bodies. A small pegmatite was found by the U. S. Bureau of Mines drilling 100 feet southeast of the main pegmatite and was later explored by a shaft, but practically no mica was obtained.

Apparently practically no work was done SAF.

copy to:
Director's reading file, 4212
Branch read. 4212, GS
DMEA
Kupfer G-228, GS

Additional information: Yancey Mica Mines, Inc. applied for a loan (DMA-1293X) that was turned down and for a second (DMA-1876X) that was approved.

RECOMMENDATION: Denial.

Reasons for recommendation: The productive pegmatites have been mined out and drilling by the U. S. Bureau of Mines failed to find extensions.

DHKupfer:jeh
G-1/10/52

Donald H. Kupfer

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

January 7, 1952

Memorandum

To: Defense Minerals Exploration Administration
Nonmetallics Minerals Division

From: W. F. Dietrich, Chief
Ceramic and Fertilizer Materials Branch

Subject: DMEA - 2313

Four diamond drill holes were drilled on the Freanell by the Bureau of Mines during World War II (R. I. 4241). No workable mica pegmatite was discovered under the old workings, but at least two new dikes were cut, one of which may be of value. The Bureau reported that the owner (then E. L. Briggs) stated that the mine had produced $150,000 worth of mica up to late 1943.

We have no data on the extent of mining since the Bureau's war-time investigation and are unable to relate the abandoned workings shown on applicant's map with the former workings or the diamond drill holes.

The cost estimate of $8,000 for 85 feet of "tunnel" (inclined shaft) seems high, but may be sustained on field examination.

A field team examination is recommended to ascertain if the location and extent of the proposed exploration has a reasonable chance of disclosing minable strategic mica and to review the cost estimates. It is also pertinent to consider whether the proposal constitutes exploration rather than the development of inferred reserves.

Signed

W. F. DIETRICH

WFDietrich/em

Copy to: Mr. Houk
Minerals Division
Ceram. & Fert. Mat. Br.
F I L E S

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dmea - 2313

Date received 1/2/52

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 - 1952

YANCEY MICA MINES, INC.
BURNSVILLE, NORTH CAROLINA

Presnell mine

Name and address of applicant

Date December 29, 1951

FILL IN THIS BLOCK

Date of application December 29, 1951

Estimated cost $8,000.00

Mineral or metal Mica

Percentage of Government participation 80%

Location of mine Yancey County, North Carolina

DEFENSE MINERAL ADMINISTRATION WASHINGTON, D. C.
JAN 11 9 56 AM '52

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Yancey Mica Mines, Inc.
(Name of company)

By D M Robinson
(Signature of authorized official)

December 29, 1951
(Date)

Secretary and Treasurer
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

BEGINNING on a forked chestnut on a ridge and runs East with the Joseph Parslet line crossing two branches 124 poles to a stake on a ridge; thence North with said Parsley line 108 poles to a white oak near the top of the ridge; thence 52 poles with a marked line to South Toe River; thence Southerly and Southwesterly up and with the meanders of South Toe River to a stake at a point due North from said BEGINNING, thence South 40 poles to the BEGINNING, containing 58 acres more or less. Being the lands and property described in that certain Deed of July 22, 1920, by Gould and Watson Company to the American Mica Co. and recorded in the office of the Register of Deeds for Yancey County, N. C. at page No. 304 in Book No. 57.

DMEA 2313

copied from lease

YANCEY MICA MINES INC., BURNSVILLE, N. C.

PRESNELL MINES, YANCEY COUNTY

The Applicant

1. Yancey Mica Mines, Inc. is a corporation incorporated under the laws in the state of North Carolina.

2. Not applicable.

3. Yates Bennett, President, Burnsville, North Carolina
W. J. Godfrey, Vice President, Burnsville, North Carolina
Mark W. Bennett, Vice President, Burnsville, North Carolina
D. L. Robinson, Secretary and Tres., Mars Hill, North Carolina
The above named officers being of the named officials and share holders of said corporation.

4. (a) Applicant is a newly formed corporation, by virtue of the laws of the state of North Carolina, as contained in Chapter 55 of the General Statutes and the amendments thereto, on the 16th day of May, 1951. Therefore, the applicant as such has had no experience in the mining of strategic minerals, with the exception of the opening up of the Cattail Mine in Yancey County.

(b) The project will be under the management of W. J. Godfrey of Burnsville, N. C. Since 1921 Mr. Godfrey has had experience with heavy dirt moving equipment. 1930-1934 he was Heavy Equipment Operator with the U. S. E. D., Jacksonville, Florida; 1934-1941 Superintendent and Heavy Duty Operator for C. J. Landenfelder & Son, General Contractor; 1941-1948 Owner and operator of surface and deep coal mining in Pennsylvania and Virginia; 1948-1951 Owner and operator of Mica and Felsbar Mining in Western North Carolina, and local contractor for dirt moving.

5. The property is under lease, and the lease is properly recorded and registered among the records of Yancey County. The recordings being in Book 108, page 601, dated on December 12, 1951.

6. Not applicable.

7. A copy of the lease that is in good standing and the landlord subordination agreement is attached.

8. Assets

Current Assets:	
Cash in bank or on hand	$ 5,000.00
Share Subscribers-payable on call	4,000.00
	9,000.00
Fixed Assets:	
Mining property at book value	32,000.00
	41,000.00

JAN 11 9 56 AM '52
DEFENSE MOBILIZATION ADMINISTRATION WASHINGTON, D.C.

Liabilities
Accounts Payable 1,200.00

9. $1,000.00

10. (a) See lease attached to original Form MF-103.
(b) Both areas are in the same tract. The property is described in a deed dated July 22, 1920, and recorded in the office of the Register of Deeds of Yancey County, North Carolina, on page 304, in book 57.

11. The mine and property is generally known as the Presnell Mine.

12. The property lies three (3) miles in a north westerly direction from Newdale, North Carolina; lying south of the Toe River that joins the property; and 500 yards south of the C C & O Railroad; five (5) miles northeast of the town of Micaville and railroad station; the state maintenance road leads to the edge of property.

13. (a) Property forms the banks of the Toe River, and there is a sufficiency of water at all seasons.
(b) Electricity will be furnished for lighting purposes, and suction fan by a Motor-generator Plant furnished by operators.

14. None

15. Mica can be shipped by truck or rail to Micaville or Spruce Pine.

16. (a) Property has been operated as a mine by E. L. Briggs and associates of Burnsville, North Carolina, having produced an excess of $150,000 worth of mica. The property was operated during the last World War, but was closed when the hanging wall collapsed making any further operation dangerous should operations have continued along the plan then in operation. The mine has never been operated again due to the fact that it was recommended by the leading authorities on mining operations in the locality that the only successful way of reopening the mine would be via adit-tunnel.
(b) The applicant does not have available an accurate history and production of the adjoining and neighboring properties.
(c) The applicant has a copy of R. I. 4241 dated April, 1948 and published by the United States Department of Interior.

17. Not applicable

18. Not applicable

19. None

20. Strategic or critical mica

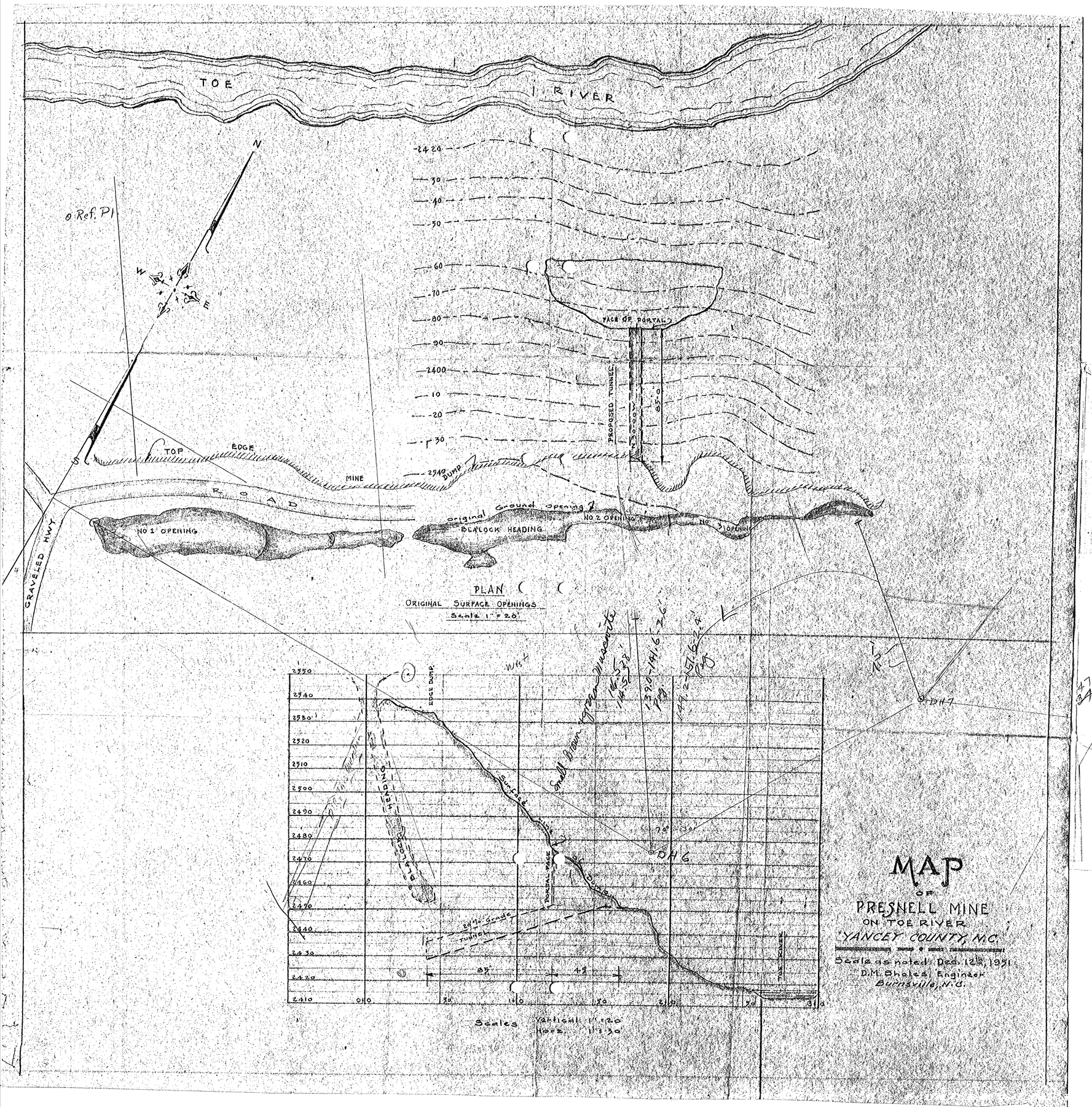
21. This project involves the exploration of the pegmatite for mica mineralization known as the Presnell Mine in Yancey County. It is estimated that the entire work can be completed within sixty days.

22. A drawing is attached to Form 27-103 describing the methods of approach.

23.

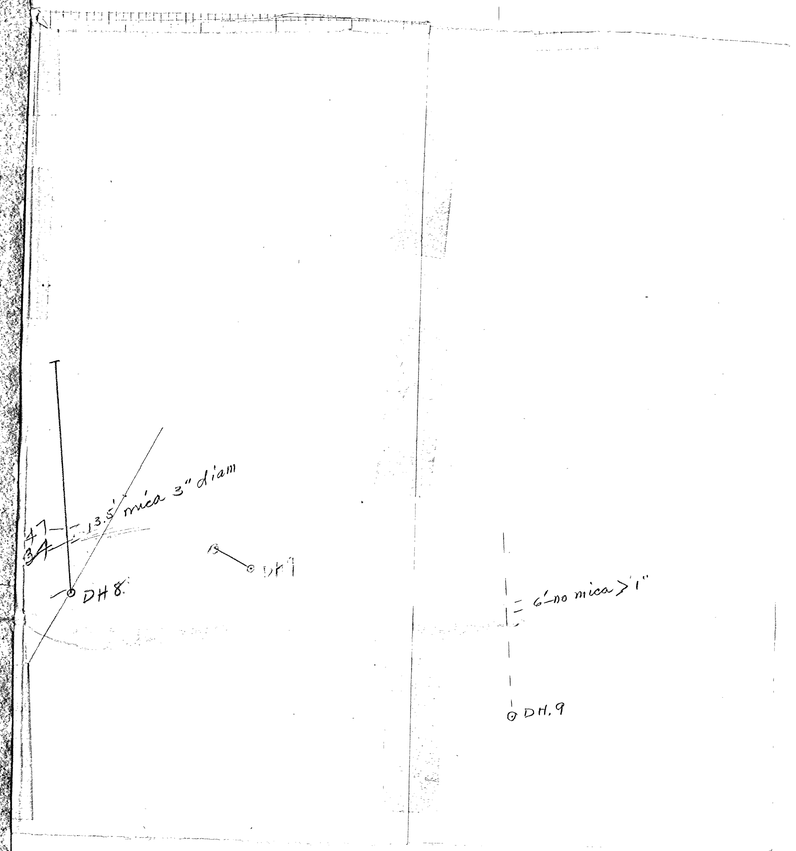
(a)	4 Muckers	40-8 Hr. shifts	@ $ .90/hr.	$1,152.00
	2 Laborers	40-8 Hr. shifts	@ .85/hr.	544.00
	2 Miners	40-8 Hr. shifts	@ 1.50/hr.	960.00
(b)	Mine Superintendent	2 Months	@ $300.00/month	600.00
	Engineer	2 Days	@ 25.00/day	50.00
(c)	None			
(d)	Facilities in shed and tool house			250.00
	Road Approach			300.00
(e)	Mine car			150.00
	200 ft. 16-lb. rail W/ties,			
	Spikes and splice bars		@ 1.25/ft.	250.00
	100 ft. 2" air pipe		@ .50/ft.	50.00
	2-$75 Thor jack hammers with water heads		@ 365.00	730.00
	Column, arm and universal joints			300.00
(f)	Bulldozer with blade	50 Hrs.	12.00/hr.	600.00
	Air Compressor	2 Months	300.00/month	600.00
	Pick up truck	60 Days	5.00/day	300.00
(g)	None			
(h)	Dynamite and supplies			225.00
	Hand tools and bits			225.00
(i)	Miscellaneous small items, insurance, taxes			654.00
	Total Cost Requirements			$8,000.00

24. Project should be explored within two months after contract is signed and $8,000.00 made available.



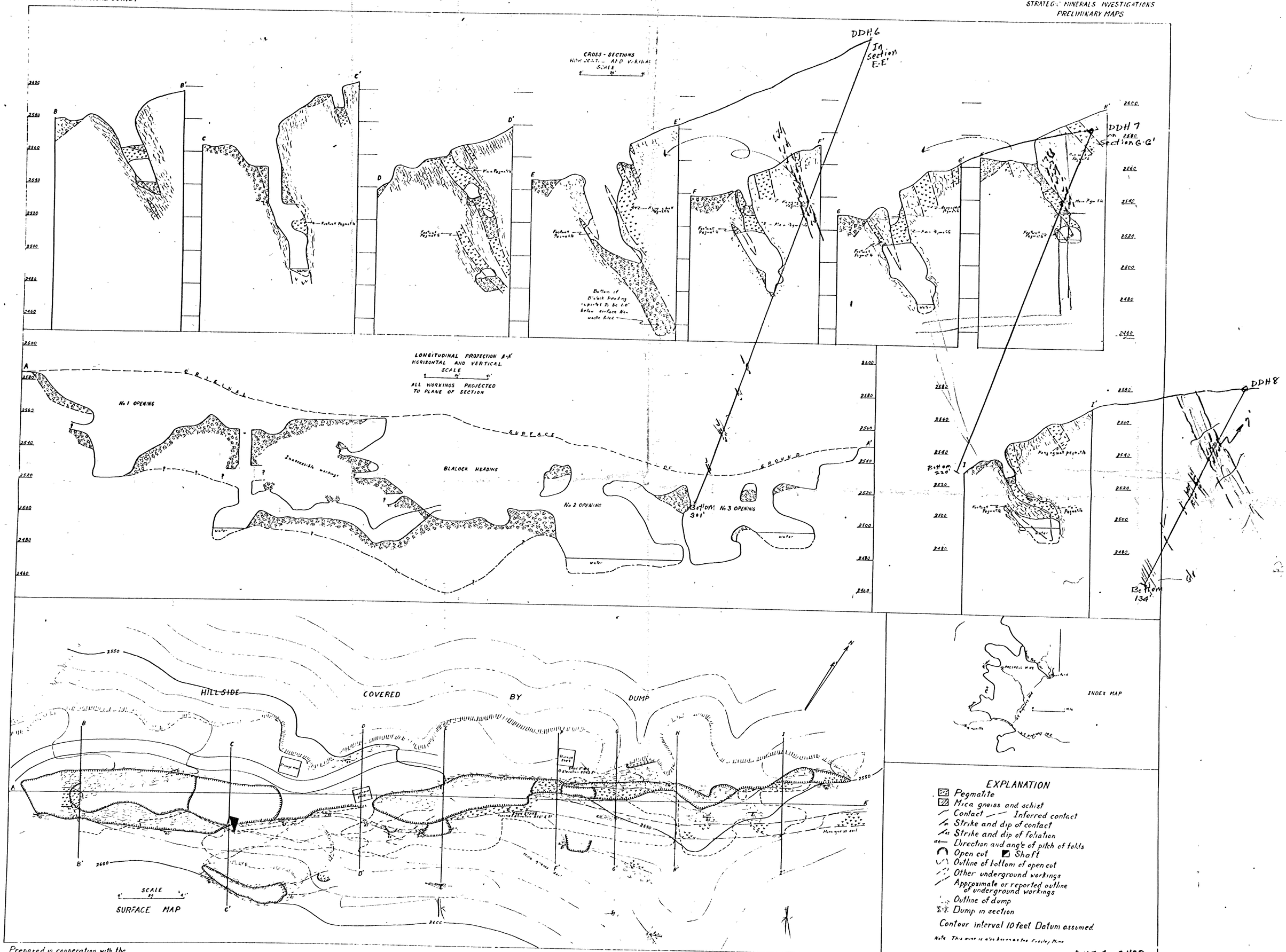
MAP OF PRESNELL MINE ON TOE RIVER YANCEY COUNTY, N.C.

Scale as noted. Dec. 12th, 1951
D.M. Shales, Engineer
Burnsville, N.C.



UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAPS



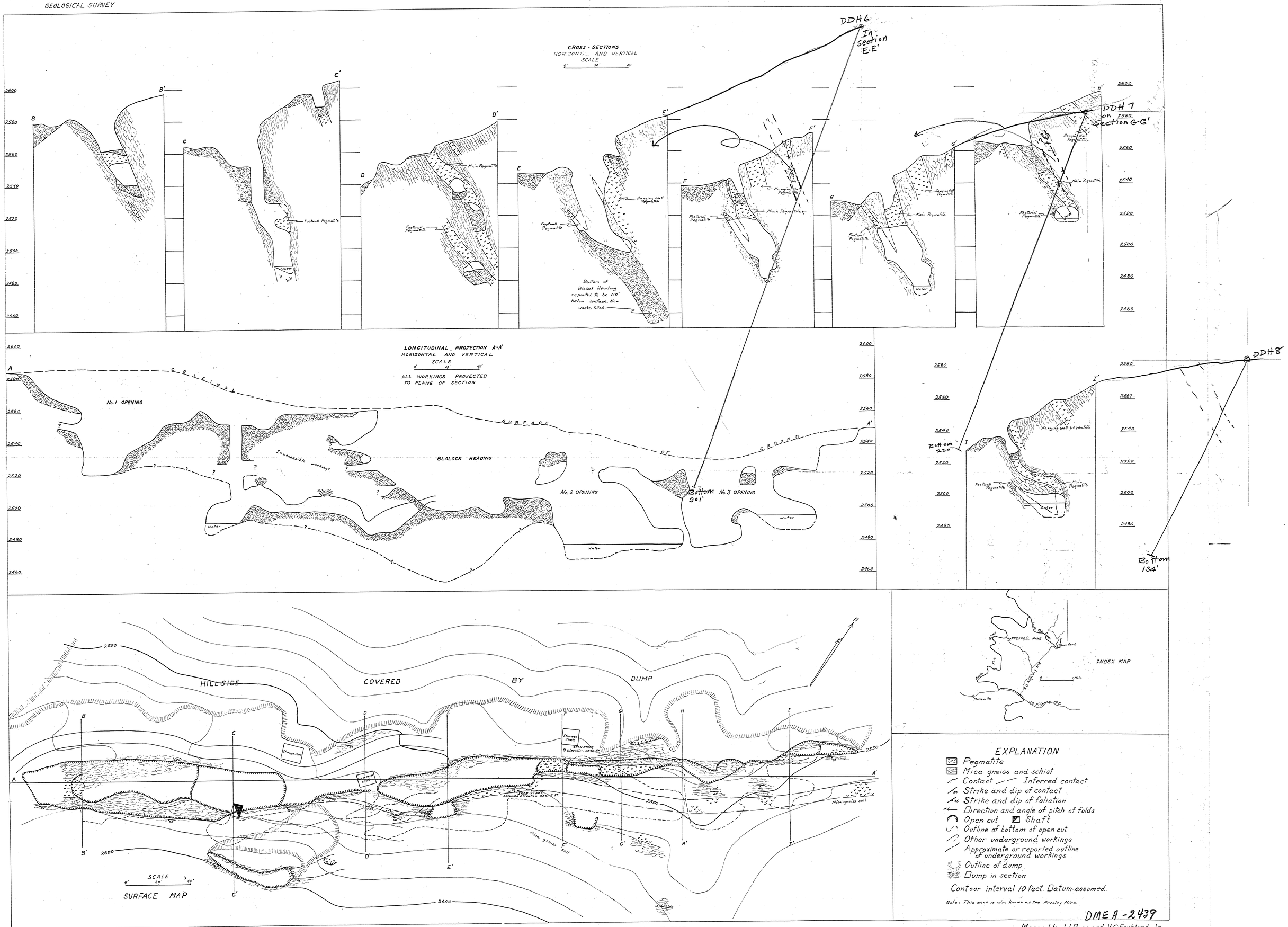
Prepared in cooperation with the
North Carolina Department of
Conservation and Development

GEOLOGIC MAP AND SECTIONS OF THE

PRESNELL MINE, YANCEY COUNTY, NORTH CAROLINA

DME A-2439

Mapped by J.J. Page and V.C. Fryklund, Jr.
August - September 1943



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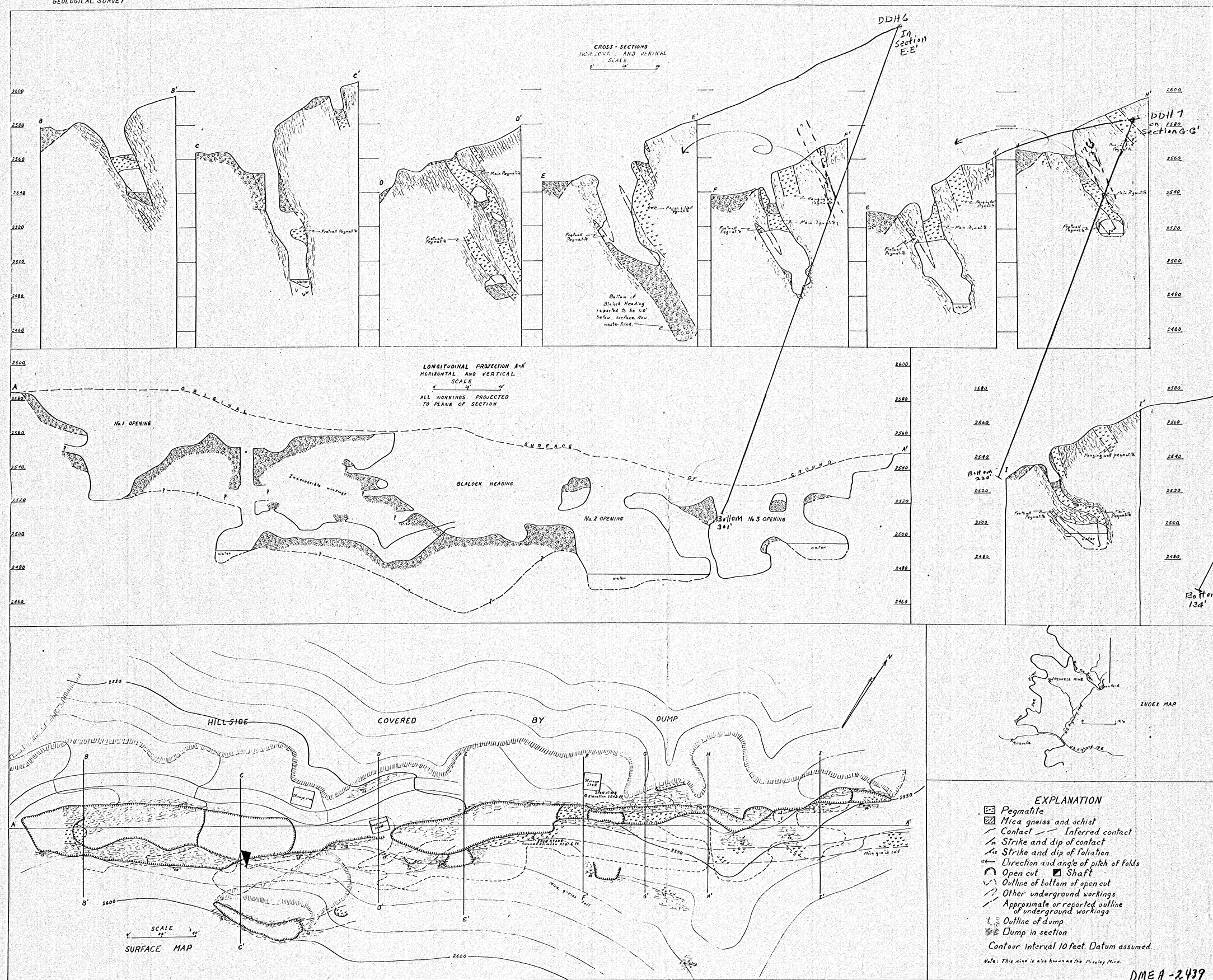

DME A-2439

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

GEOLOGIC MAP AND SECTIONS OF THE
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