Docket Copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 26 1953

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

cancel 9/2/53. Rubin

It is agreed this 14th day of August, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and H. R. H. Incorporated, c/o Vincent J. Holt, Route # 1, Box 368A, Mocksville, North Carolina, hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E 503, Docket No. DMEA-2032, dated 2nd April 1953, 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. Bruce
Executive Officer, DMEA- Region VII

Vincent J. Holt
(Operator) H. R. H. Inc.

By Vincent J. Holt Pres.
Vincent J. Holt.

Chandler

18262-1

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 2032

COMMODITY Mica

Docket Copy
IDM-E 503

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 17 1953

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 2nd day of April, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] H. R. H. Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Florida
c/o Vincent J. Holt, President
Route #1 - Box 358A
Waynesville, 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 Haywood, described[3] in Annex I attached hereto and made a part hereof

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: Deed of Trust dated 8th day of October 1951, to The First National Bank of Waynesville, N. C., recorded in Deed of Trust, Book 76, page 187, Haywood County Register, Waynesville, North Carolina

(*b*) ~~That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:~~
The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

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

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

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 90 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $4,590.00, which is 90 percent of $5,100.00 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

H. R. H. Inc.
(Operator)

By Vincent J. Hoelle Pres

By O. Whittemore
Administrator, Defense Minerals Exploration Administration

Boston Port 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

EXPLORATION PROJECT CONTRACT
H. R. H. INC.
DOCKET NO. DMEA-2832

ANNEX I

The property referred to in Article 2 is known as the Bear Pen Mine and is located on the Bear Pen Branch, Waynesville Township, Haywood County, North Carolina, and contains 150 acres more or less. It is more particularly described as follows:

"Lying and being in Waynesville Township, Haywood County on the Bear Pen Branch prong of Allens Creek, Haywood County, North Carolina, and more particularly described as follows: BEGINNING on a stake in wire fence, a corner of Bumgarner and Ernest Hooper, and H. R. H. Inc., and runs thence with the line of Ernest Hooper and others 17 calls as follows to a white oak stump on a ridge: S. 59° 45' E. 36.7 ft., S. 75° 45' E. 120.1 ft., N. 87° 30' E. 56 ft., N. 80° 45' E. 120.1 ft. N. 87° E. 330 ft., N. 88° 45' E. 122.76 ft. N. 84° E. 197.3 ft. N. 72° 20' E. 112.2 ft., N. 64° 132 ft., S. 80° E. 35.6 ft., N. 71° E. 114.1 ft., N. 82° 20' E. 213.4 ft., N. 86° 27' E. 256.7 ft., N. 33° 30' E. 129.3 ft., N. 41° 15' E. 135.66 ft., N. 59° 15' E. 93 ft., N. 73° E. 253.4 ft. to a white oak stump on top of ridge; thence with the top of a ridge running approximately S. 29° E. 1980 ft. to an oak on the ridge, the corner of H. R. H., Inc. property, and the Town of Waynesville water-shed property; thence with the line of the Town of Waynesville water-shed property S. 61° 30' W. 1382.7 ft., S. 72° W. 219.8 ft., S. 45° W. 179.5 ft. S. 52° W. 176.8 ft. S. 53° 30' W. 444.1 ft. S. 72° 30' W. 345.8 ft. S. 52° 30' W. 269.2 ft., N. 83° 20' W. 792 ft., a corner of H. R. H. property in the Town of Waynesville water-shed line; thence continuing with the Town of Waynesville water-shed line N. 2° 54' E. 1677 ft., a corner of Town of Waynesville water-shed and Bumgarner in H. R. H. Inc. property line; thence N. 2° E. with Bumgarner line 944.4 ft. to the BEGINNING corner containing approximately 150 acres more or less and being known as the Bear Pen section of the Lickstone Lodge property."

EXPLORATION PROJECT CONTRACT
H. R. H. INC.
DOCKET NO. DMEA-2832

EXHIBIT "A"

Description of the Work

As tentatively indicated on the map attached hereto and made a part hereof and entitled "Sketch of Bear Pen Mine Haywood Co., N.C.," the work shall consist of the following:

(1) Bulldoze a trench approximately 100 feet in length to cut about 75 feet west of an existing mica-pegmatite exposure.

(2) Sink 50 feet of 5' x 7' vertical shaft.

(3) Drive and/or crosscut 60 feet from the bottom of the shaft to explore the more favorable mica-pegmatite showings.

The exact location of the work is to be designated by the Government field engineers.

(4) The Operator shall erect a small toolhouse and a powder-exploder magazine for the storage of explosives.

Agreed Unit Costs

20 hours of bulldozing @ $10/hr.	$ 200.00
50 feet of 5' x 7' shaft @ $50/ft.	2,500.00
60 feet of drifts or crosscuts @ $35/ft.	2,100.00
Toolhouse1/	200.00
Powder magazine1/	50.00
Exploder magazine1/	50.00
Total Agreed Unit Costs	$5,100.00
Government Participation @ 90%	$4,590.00

1/ The unit here is the completed structure.

MF-201
(June 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

[redacted]

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the holder of a mortgage, claim, lien, or encumbrance identified and described as follows*:

[redacted]

upon that certain parcel of ground described in a certain Exploration Project Contract dated ....., 195..., between [redacted],

and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance 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 under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might 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.

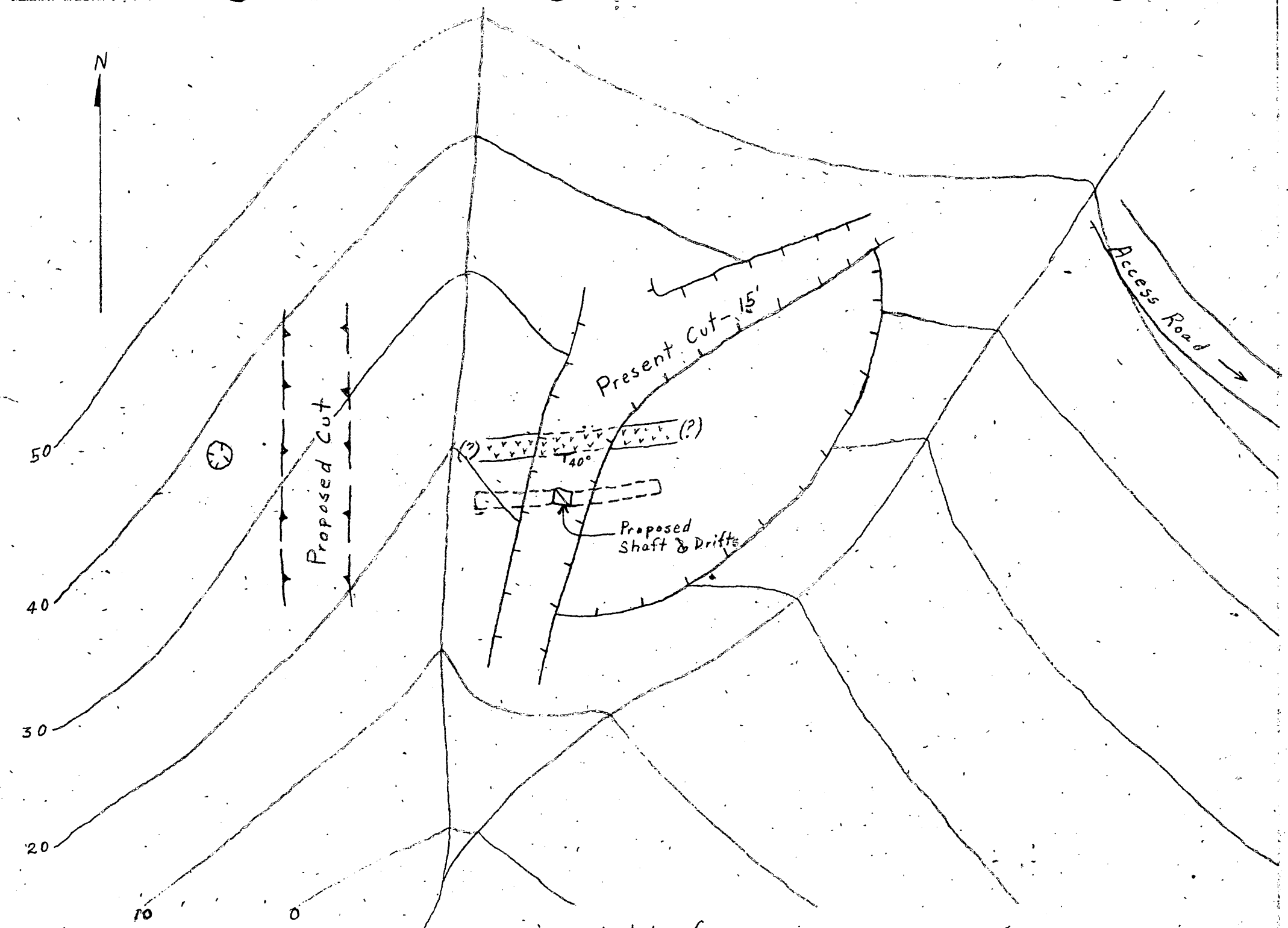
Dated this [redacted] day of [redacted], 195[redacted]

[redacted]

*Include date of the instrument, and if recorded, book, page, and county of record.

U. S. GOVERNMENT PRINTING OFFICE 16—64581-2

[redacted]



Sketch of
Bear Pen Mine
Haywood Co., N.C.

0 40' 80'
Scale

DMEA-2832 (mica)

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. DMEA-2832

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION ASSISTANCE

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

Routing Slip

CYS TO USBM, USGS AND REGION VII

To:	Code 600 Rm 4637	Date	~~12/30/52~~
To:	Robertson	Date	12/31/52
To:	Open Comm.	Date	2-11-53
To:	Hoffland	Date	3/20/53
To:	Open Com	Date	4-1-53
To:	Open Com	Date	7-10-53
To:		Date	
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

SURNAME COPY

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

JAN - 4 1954

Mr. Vincent J. Holt, President
H. R. H. Inc.
Route #1 - Box 368A
Waynesville, North Carolina

Re: Docket No. DMEA-2832 - Mica
Bear Fen Mine No. 1
Haywood County, North Carolina
Contract No. Idm-E503

Dear Mr. Holt:

This is with reference to the subject Exploration Contract between the H. R. H., Inc. and the Government.

The final audit of the contract expenditures and the final reports of the Operator and the Field Team have been received and accepted by this Administration. Of the total amount of $5,100 approved under the contract, the sum of $3,420 was expended, 90 percent of which, or $3,078.00, represented the Government's share. There were no unused materials, supplies or equipment to be disposed of for the joint account of the Operator and the Government.

Because the results of the exploration were unfavorable, it is not our intention to make a certification of discovery or development which would create a lien against the subject property. We are, therefore, closing our books and records with respect to this project. Your attention is called, however, to Article 5 (d) of the Contract which requires the Operator to "keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract".

Your interest in the Exploration Program of the Defense Minerals Exploration Administration and your willingness to participate therein are appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

JTRobertson:gad 12/30/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.S. 1-4-54

SURNAME COPY

Hart
Alexander

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

Project Summary Report

By: Jasper T. Robertson December 30, 1953

1. DMEA Docket No. 2832 - Mica
Contract No. Idm-E503
Bear Pen Mine No. 1
Bear Pen Mine No. 2
Haywood County, North Carolina

Operator - H. R. H. Incorporated
c/o Vincent J. Holt, President
Route #1, Box 368 A
Waynesville, North Carolina

Operator's property rights: Owner of land. (Approximately 150 acres). Encumbered by Trust Deed dated October 8, 1951, recorded in Deed of Trust, Book 76, Page 187, Haywood County, North Carolina. A subordination agreement is dated 2/26/53 signed by mortgagor.

2. Contract - dated April 2, 1953
Work authorized:

20 hrs. of bulldozing @ $10.00/hr.	$ 200.00	
50 ft. of 5' x 7' shaft @ $50.00/ft.	2,500.00	
60 ft. of drifts or crosscuts @ $35.00/ft.	2,100.00	
Toolhouse, Powder and Explosive Magazines	300.00	
Total agreed unit cost		$5,100.00
Government participation @ 90%		$4,590.00

Amendments to contract - none

Terminated before completion by mutual consent August 14, 1953.

Work started April 21, 1953. Completed July, 1953. All project work was done on Bear Pen Mine No. 1. Proposed project work on Bear Pen Mine No. 2 was denied.

R. C. 1-4-54

Work completed:		
1100 cu. yds. surface bulldozing	$ 200.00	
Toolhouse, powder and explosive magazines	300.00	
50 ft. of shaft sinking @ $50.00/ft.	2,500.00	
12 ft. of drifts @ $35.00/ft.	420.00	
Total cost of project		$3,420.00
Government participation 90%		$3,078.00

(All above sums spent on the Bear Pen Mine No. 1)

3. Audit - Certificate issued 9/11/53 (No exceptions)

Accepted cost of project	$3,420.00
Government's share 90%	$3,078.00

4. Certificate of Discovery - none.

5. Comment:

The project work was conducted entirely on the Bear Pen Mine No. 1 and was performed in a competent and efficient manner. As the work was on a unit cost basis, there was no salvage of material or equipment to be taken into account.

A shaft was sunk to a depth of 50 feet encountering, at a depth between 34 feet and 42 feet, a small amount of pegmatite. The pegmatite consisted of a mixture of medium coarse plagioclase, glassy quartz, small mica books, and scattered red garnet. None of the mica recovered was larger than two inches in diameter. The pegmatite pinched out completely at the 42-foot level and the bottom eight feet of the shaft was entirely in biotite gneiss. Two short drifts were driven (six feet on each side of the shaft) at the 40-foot level and the pegmatite exposed was the same. The results of the work were negative and the Field Team recommended a termination of the contract before completion of the original approved amount of work.

The Operator asked to explore another prospect, the Bear Pen Mine No. 2, but after an examination by the Field Team, October 7, 1953, this too was decided to be unworthy of additional work. The project is, therefore, closed without the issuance of a certification of discovery or development.

JTRobertson:gad 12/30/53
Copy to: Admr. R. File
Docket File
Mr. Houk

mdk

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

600

Project Summary Report

By: Jasper T. Robertson December 30, 1953

1. DMEA Docket No. 2832 - Mica
   Contract No. Idm-E503
   Bear Pen Mine No. 1
   Bear Pen Mine No. 2
   Haywood County, North Carolina

   Operator - H. R. H. Incorporated
   c/o Vincent J. Holt, President
   Route #1, Box 368 A
   Waynesville, North Carolina

   Operator's property rights: Owner of land. (Approximately 150 acres). Encumbered by Trust Deed dated October 8, 1951, recorded in Deed of Trust, Book 76, Page 187, Haywood County, North Carolina. A subordination agreement is dated 2/26/53 signed by mortgagor.

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   Work authorized:

20 hrs. of bulldozing @ $10.00/hr.	$ 200.00	
50 ft. of 5' x 7' shaft @ $50.00/ft.	2,500.00	
60 ft. of drifts or crosscuts @ $35.00/ft.	2,100.00	
Toolhouse, Powder and Explosive Magazines	300.00	
Total agreed unit cost		$5,100.00
Government participation @ 90%		$4,590.00

   Amendments to contract - none

   Terminated before completion by mutual consent August 14, 1953.

   Work started April 21, 1953. Completed July, 1953. All project work was done on Bear Pen Mine No. 1. Proposed project work on Bear Pen Mine No. 2 was denied.

Work completed:

1100 cu. yds. surface bulldozing	$ 200.00	
Toolhouse, powder and explosive magazines	300.00	
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12 ft. of drifts @ $35.00/ft.	420.00	
Total cost of project		$3,420.00
Government participation 90%		$3,078.00

(All above sums spent on the Bear Pen Mine No. 1)

3. Audit - Certificate issued 9/11/53 (No exceptions)

Accepted cost of project	$3,420.00
Government's share 90%	$3,078.00

4. Certificate of Discovery - none.

5. Comment:

The project work was conducted entirely on the Bear Pen Mine No. 1 and was performed in a competent and efficient manner. As the work was on a unit cost basis, there was no salvage of material or equipment to be taken into account.

A shaft was sunk to a depth of 50 feet encountering, at a depth between 34 feet and 42 feet, a small amount of pegmatite. The pegmatite consisted of a mixture of medium coarse plagioclase, glassy quartz, small mica books, and scattered red garnet. None of the mica recovered was larger than two inches in diameter. The pegmatite pinched out completely at the 42-foot level and the bottom eight feet of the shaft was entirely in biotite gneiss. Two short drifts were driven (six feet on each side of the shaft) at the 40-foot level and the pegmatite exposed was the same. The results of the work were negative and the Field Team recommended a termination of the contract before completion of the original approved amount of work.

The Operator asked to explore another prospect, the Bear Pen Mine No. 2, but after an examination by the Field Team, October 7, 1953, this too was decided to be unworthy of additional work. The project is, therefore, closed without the issuance of a certification of discovery or development.

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

December 9, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2832, Mica

Contract Number: Idm-E503

Applicant: H. R. H., Inc.

Name and Location of Property: Bear Pen Mine, Haywood County, North Carolina

Date of Field Team Final Report: September 16, 1953

Field Team Recommendation: Denial of certification of discovery or development.

Comments:

1. Pegmatite explored 50 feet in depth and 19 feet on strike without discovery of commercial mica.

2. Contract terminated August 14, 1953, and application for additional exploration denied.

Recommendation:

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

W. F. Dietrich

W. F. Dietrich

FILE COPY
SURNAME:

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

Robertson
Houk
DeLarrabee
Thomson
Rodgers
Thayer
Selfridge
Johnson

OCT 26 1953

Mr. Vincent J. Holt, President
H. R. H., Inc.
Route #1, Box 368-A
Waynesville, North Carolina

Re: Docket No. DMEA-2832 - Mica
Bear Pen Mine No. 2
Haywood County, North Carolina
Contract No. Idm-3503
(Amendment)

Dear Mr. Holt:

Reference is made to your application dated June 12, 1953, for exploration project work at the site of the Bear Pen Mine No. 2 in addition to that already provided for at the Bear Pen Mine No. 1 (Idm-3503, Docket No. DMEA-2832).

After an on-site examination of the deposit at the Bear Pen Mine No. 2 and careful consideration of all the factors, we find that new work in this area would not be warranted or justified.

We regret to advise that your application for exploratory work for the Bear Pen Mine No. 2 is denied.

Sincerely yours,

Frank E. Johnson (for) 10-26-53

ACTING Administrator

JTRobertson:gad 10/20/53

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

IN REPLY REFER TO:
G-MD-CNM

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

October 22, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2832 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: Donald A. Brobst, U. S. Geological Survey
Applicant: Mr. J. V. Holt.
Name of property: Bear Pen #2.
Location of property: 3.5 miles southeast of Hazlewood, Haywood County, North Carolina.
Date of field team report: October 14, 1953.
Authorship of field team report: K. H. Teague and L. E. Shirley.
Field team's recommendation: Denial.
Comments: The property does not appear to be worth exploring, according to the field team's report.

Donald A. Brobst

Donald A. Brobst

Mr. Robertson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
DMEA REGION VII
Knoxville, Tenn.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1953

Docket File
DMEA-2832
(amendment)

October 14, 1953

File contains both
Bear Pen No 1.
Bear Pen No 2.
(application for amendment to Bear Pen No 1.)

Memorandum

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

From: D. M. E.A. Field Team, Region 7

Subject: Field Team Examination Reports.

Transmitted herewith are four copies each of the following:

DMEA-3035, Fritzpatrick Property (mica)

DMEA-3088, Holt No. 2 Mine (mica)

DMEA-2832, Bear Pen No. 2 Mine (mica) Contemplated Amendment to contract Idm-E 503

The Field Team concurs in the denial of the above applications.

Robert A. Lawrence
Executive Officer, DMEA
Region 7

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

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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR

gcl
10/23/53

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY THE FIELD TEAM, REGION VII

On

DMEA-2832, BEAR PEN MINE NO. 2
(mica) (Amended)
Haywood County, N. C.

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

and

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

October 14, 1953

Report of Examination by Field Team

DMEA Docket No. 2832, (mica)
BEAR PEN NO. 2 (amended)

This deposit is in the same general area as Bear Pen No. 1 Mine. Even though some mica of strategic grade is reported from the deposit as a result of previous work, there is insufficient pegmatite present to justify exploration. The application should be denied.

This deposit was examined on October 7, 1953. Mr. V. J. Holt accompanied the examiners on the inspection which required two hours.

The Bear Pen No. 2 mine is on the south side of Bear Pen Branch, 3.4 airline miles due south of Hazelwood, Haywood County, North Carolina. Access is possible at all times by jeep.

Previous operations on this deposit are adequately described in the application. The north-south bulldozer cut has exposed two pegmatites. The north pegmatite is about eight feet thick, trends east-west, and dips about 60° south. It contains no mica.

The south pegmatite is 40 feet south of the north one, parallel to the north one in strike, but dips steeper. The south pegmatite consists of a series of lens-like pods, whose maximum thickness is about three feet. No mica is showing in the exposures available for inspection; although reports are that some strategic mica was recovered during the previous bulldozing. It appears that the pegmatite is pod-like and has not lateral or vertical extent.

The application should be denied.

~~April~~
October 14, 1953

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

L. E. Shirley, U.S.B.M.

zm

IN REPLY REFER TO:

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

September 28, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2832 (Mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: H. R. H. Inc., Waynesville, N. C.
Name of property: Bear Pen mine
Location of property: 3.5 mi. (by road) SE of Hazelwood, Haywood Co., North Carolina.
Date of field team report: September 16, 1953.
Authorship of field team report: K. H. Teague and L. E. Shirley.
Field team's recommendation: Termination of contract with no certification of discovery.

ACTION SUGGESTED: Follow field team's recommendation.

D. M. Larrabee

D. M. Larrabee

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

September 17, 1953

Memorandum

To: Chairman, Operating Committee

Reviewed by
DMEA OPERATING COMMITTEE
9-28-53
(date)

From: DMEA Field Team, Region 7

Subject: Final Reports.

Transmitted herewith are the field examiners final reports on the following projects:

DMEA-2416, Idm-E 328, J. W. Autrey Mine (mica)

DMEA-2824, Idm-E 511, Hawkins Mine (mica)

DMEA-2832, Idm-E503 , Bear Pen Mine (mica)

DMEA-2561, Idm-E 420, Poston Prospects (mica)

DMEA-2375, Idm-E 349, Swannanoa Mine (mica)

DMEA-2524, Idm-E 430, Joe Stevenson Mine (mica)

Attached to the appropriate reports are also the Operator's final reports on the following:

1 copy to Contr. Admin. & MEF. & 1 cy to Code 600

DMEA-2832, Idm-E 503, Bear Pen
DMEA-2824, Idm-E 511, Hawkins Mine
DMEA-2416, Idm-E 328, J. W. Autrey

The operators final report on Poston Prospects, DMEA-2561, Idm-E 420 has oreviously been forwarded.

Final reports have not been received from the operator on the following:

Swannanoa, DMEA-2375, Idm-E 349 and J.W. Stevenson Mine, DMEA-2524, Idm-E 430. As soon as these reports are received they will be forwarded.

The Field Team is in agreement that none of the projects herein described warrant certification.

Wm. A. Beck

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

Robert A. Laurence

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

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
ON

DMEA-2832, Idm-E503, BEAR PEN MINE (mica)
Haywood County, North Carolina

BY

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

and

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

September 16, 1953

Reviewed by
DMEA OPERATING COMMITTEE
9-28-53
(date)

DEFENSE MINERALS EXPLORATION
ADMINISTRATION

FINAL REPORT
ON
DMEA-2832, Idm-E503, BEAR PEN MINE
(Mica)

Operator: H. R. H. Inc. c/o V. J. Holt, R#1, Box368A, Waynesville, N. C.

The Bear Pen Mine is on the north side of Bear Pen Branch about 3.5 miles by road southeast of Hazelwood, Haywood County, North Carolina.

No discovery of commercial minerals was made by this project, thus no certification of discovery should be issued.

This project began on April 21, 1953 and was terminated by mutual consent on August 14, 1953. Work accomplished consisted of cutting a trench west of the pegmatite outcrop, sinking a 50-foot shaft, and driving 12 feet of drift on pegmatite from the 40-foot level.

No pegmatite was exposed in the trench west of the pegmatite outcrop. In the shaft pegmatite was encountered about 34 feet from the collar and existed to about the 42-foot level. The shaft bottomed in unweathered biotite gneiss. The pegmatite strikes east-west, dipping from 60° south to vertical. At the 42-foot level it pinches out completely. Maximum thickness exposed is three feet and it is unzoned. The pegmatite consisted of a mixture of medium coarse plagioclase feldspar, glassy quartz, small muscovite books, and scattered red garnet. None of the mica recovered from the shaft is large than two inches in diameter.

In the drifts(6 feet on each side of the shaft) at the 40-foot level, there was no apparent change in the character of the pegmatite.

This work, which explored the pegmatite to a depth of 50 feet, and 19 feet on the strike, seems to show that there is no possibility of discovering a worthwhile deposit of mica at this place.

Expenditures:

(a)	Total approved	$5,100.00
(b)	Total cost of project	3,420.00
(c)	Government's share of cost	3,078.00
(d)	Government's share unexpended	1,912.00
(e)	Value of production during Opration-none/	

The project was conducted in a competent and efficient manner. No equipment was purchased for the project as it was on a unit basis.

Sept. 16, 1953

K. H. Teague, USGS

L. E. Shirley, USBM

Reviewed by
DMEA OPERATING COMMITTEE
9-28-53
(date)

COPYmds

FILE COPY
SURNAME:
Talbert

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

Sept 15 1953

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

Dear Mr. Laurence:

Enclosed herewith for distribution in accordance with the provisions of Sec. 3 to Supl. No. 4 of DMEA Circular 19, are four Reports of Review in lieu of final audits which I prepared during my recent visit to Knoxville:

Idm-E311	DMEA-2377	Piedmont Minerals, Inc.
" 418	" 2575	Conway Revis
" 503	" 2832	H. R. H., Inc.
" 511	" 2824	Hawkins Mining Company

I am at present working on the audit report for the Callahan Zinc-Lead Company, Contract Idm-E321, Docket DMA-1709, but of course I can not complete this report until I receive confirmation from you as to the property settlement.

I wish to take this opportunity to thank you and the personnel of the Bureau of Mines for their usual courtesies. I wish to thank Mr. Beck particularly for his invaluable assistance while at Aiken.

Sincerely yours,

Signed by Talbert
E. D. Talbert, Asssistant Chief
Contract Administration
and Audit Division

Enclosure

EDTalbert/wb
September 15, 1953

Copy to: Docket
Admr. Reading File
Mrs. Piper Mr. Chambers

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 26 1953

August 24, 1953

Memorandum

To: Chairman, Operating Committee, DMEA- Washington

From: Acting, Executive Officer, DMEA- Region 7

Subject: "Termination of Exploration Project....."forms.

Transmitted herewith are three copies each of the termination forms on:

Idm-E311, DMEA-2377, Piedmont Minerals, Inc.

Idm-E503, DMEA-2832, H. R. H. Incorporated.

Wm. A. Beck

Wm. A. Beck

RECEIVED
SEP 2 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

cor 8.26

2832

FINAL ENGINEER AND GEOLOGICAL REPORT

April 2, 1953 to August 14, 1953

H. R. H. Inc.

By: Vincent J. Holt, President

Before applying for assistance from the Department of the Interior, Defense Minerals, I, V. J. Holt did some exploring on my own. Expense about $2,000.

1st, I built a road to this project, about 1 1/2 miles from end of old road.

Why? Because some few years back some prospector found this Mica croup out, dug a hole about 12 feet deep, from all indications received some fine books of Mica. The imprints of the Mica books showed inthe rock. Upon doing a little digging I discovered the Mica to be of a very fine Ruby Grade, free of meneral spots and mineral stain, some vegetable stain. All Ribon and Rule Mica, some books had perfect peices up to 2" by 5" long. But all books of Mica had clay and vegetable stain. This is why I hired a bulldozer and made the cut following the vein shown on the Sketch in the Exploration Project Contract. At the beginning of the dozer cut, it looked very promising, lots of Mica but too small for sale other than scrap. The Pegmetite consisted of Kaolin, Flint and Spar. Most of the Mica was laying loose in Kaolin, located along south wall. I continued this cut to a depth of about 25 feet from top of ridge at starting point, vein went almost straight down. I was cutting about 45 degree across vein, discovered vein run East and West. So sight off shaft was suggested by Field Team, at about 10 feet south of vein wall in bulldozer cut. That was when Field Team made their investigation for the Exploration Contract. This was all done before the Exploration Project Contract was approved.

BEGINNING OF PROJECT

First work done April 21, 1953

The first was the building that was approved in the contract. Tool and Compressor House, Exploder Magazine and Powder Magazine. Then the shaft and the entrance to the shaft - Timbering was done with 2 x 6 notched 2" back and 3" across, which gave an interlocking joint, which pressure from the outside would only tend to tighten the joint. See drawinf for detail of timber cut. Then a stairway was built. This was staggered 12 feet off ladder, than a landing, then another 12 feet and another landing. This staggering effect is for safety. The opening in stairway was 2 feet by 5 feet, opening off shaft after stairway was 5 x 5. Timbering was only necessary for 26 feet, rock was solid enough that timbering was unnecessary. All timbering and buildings was approved by the Engineer, Mr. Lawerence E. Shirley.

Now the dozer cut made about 75 feet West off shaft sight did not show that vein continued West. If so it had to dip. There was a Flint and Spar formation in the branch about 50 feet West of shaft sight. This must be the end in the Westward direction. It is definite the vein continues East and has a slight pitch down about 10 degrees angle. In this dozer cut there was no sign of Pegmetite anywhere. This cut was made according to Sketch in Project Contract.

Now the rock formation in shaft - I hit large boulders from 17 feet until it become hard at about 25 feet. This rock was surrounded by clay. The hard rock was Granit formation with little veins of Mica, veins from 1/2" to 2" thick, Felspar and Fine Mica.

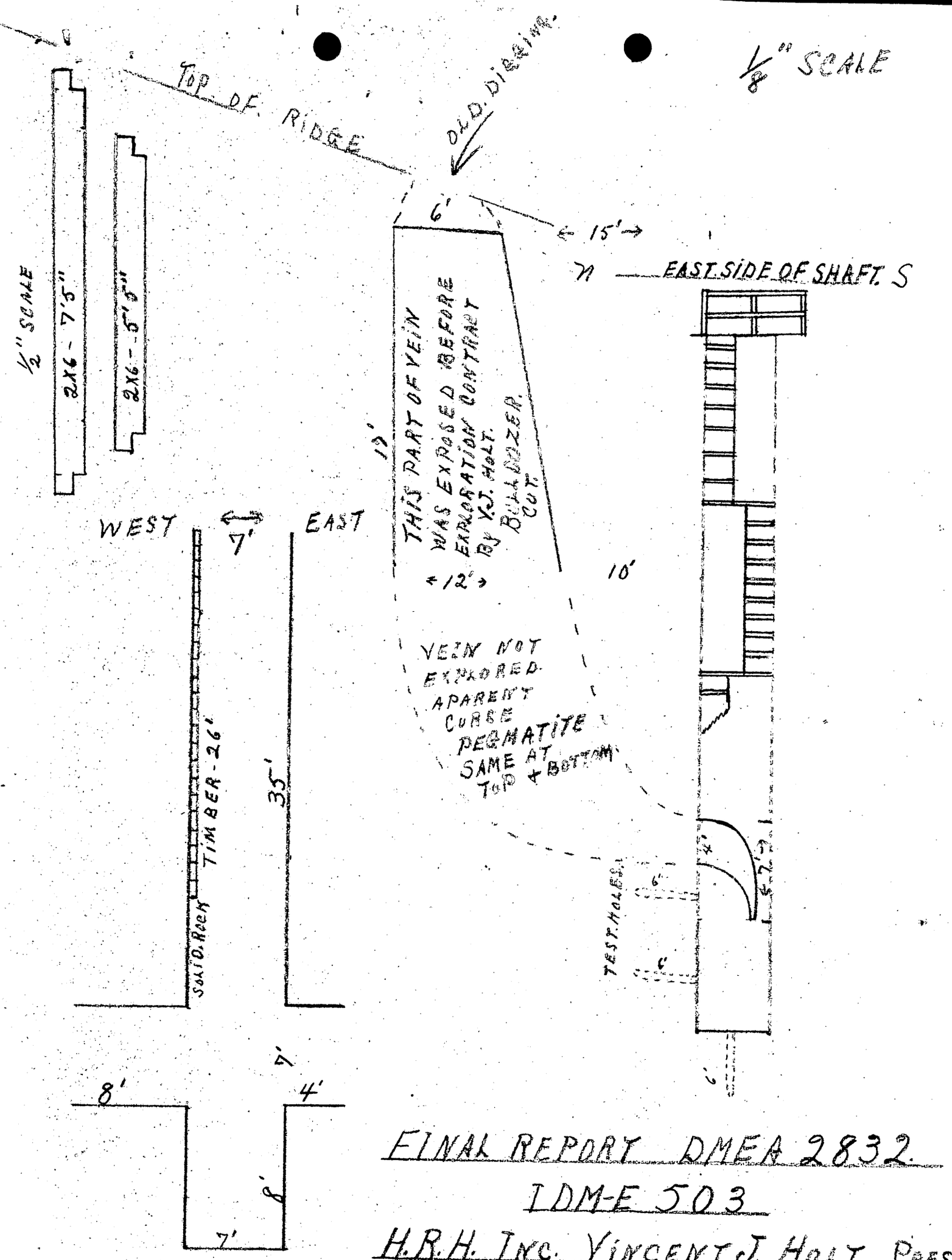
This continued until we come to the vein at a depth of 35 feet. The vein pinched off in about 7 feet. It pinched out within the shaft, about 1 foot from the south wall. The shaft could not have been more properly locate d to explore the bottom. It was disheartening, the Mica was less and smaller, the Pegmetite was the same as above in the dozer cut. After I went apast the bottom of the vein to the 50 feet depth, there was no promise of Pegmetite. I drilled 3 test holes 6 feet, nothing showed. Upon a regular check by the Field Team, The Geologist, Mr. Kefton H. Teague, and the Engineer, Mr. Lawerence E. Shirley, they suggested to pull a 4 feet head to the East and an 8 foot head to the West. Then if it didn't show more promising, we would have to quit the project. So I did as requested and no improvement, so the project comes to a close. I might add, in this mine we had a problem. Water, 3 nice springs supplied a 2" stream of water. I had to keep pumps going all the time. The water come in at the rate of 55 gallon per minute. Temperature at the bottom of this shaft - 47 degrees. I supplies my miners with rubber suits and boots. Impossible to keep dry and warm. I had a time with labor, in the 4 months I have employed 26 men. I pay top wages in this locality, $1.00 and $1.25 per hour. Common labor is $.50 and $.75 per hour here. This was a miserable condition, we had to work under.

Trusting I have given you the information you desire.

Vincent J. Holt

Vincent J. Holt

H. R. H. Inc.



FINAL REPORT DMEA 2832.

IDM-E 503

H.R.H. INC. VINCENT J. HOLT, PRES.

APRIL 2-1953 - AUG 14-1953

FINAL ENGINEER AND GEOLOGICAL REPORT

April 2, 1953 to August 14, 1953

H. R. H. Inc.

By: Vincent J. Holt, President

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This continued until we come to the vein at a depth of 35 feet. The vein pinched off in about 7 feet. It pinched out within the shaft, about 1 foot from the south wall. The shaft could not have been more properly located to explore the bottom. It was disheartening, the Mica was less and smaller, the Pegmetite was the same as above in the dozer cut. After I went apast the bottom of the vein to the 50 feet depth, there was no promise of Pegmetite. I drilled 3 test holes 6 feet, nothing showed. Upon a regular check by the Field Team, The Geologist, Mr. Kefton H. Teague, and the Engineer, Mr. Lawrence E. Shirley, they suggested to pull a 4 feet head to the East and an 8 foot head to the West. Then if it didn't show more promising, we would have to quit the project. So I did as requested and no improvement, so the project comes to a close. I might add, in this mine we had a problem. Water, 3 nice springs supplied a 2" stream of water. I had to keep pumps going all the time. The water come in at the rate of 55 gallon per minute. Temperature at the bottom of this shaft - 47 degrees. I supplied my miners with rubber suits and boots. Impossible to keep dry and warm. I had a time with labor, in the 4 months I have employed 26 men. I pay top wages in this locality, $1.00 and $1.25 per hour. Common labor is $.50 and $.75 per hour here. This was a miserable condition, we had to work under.

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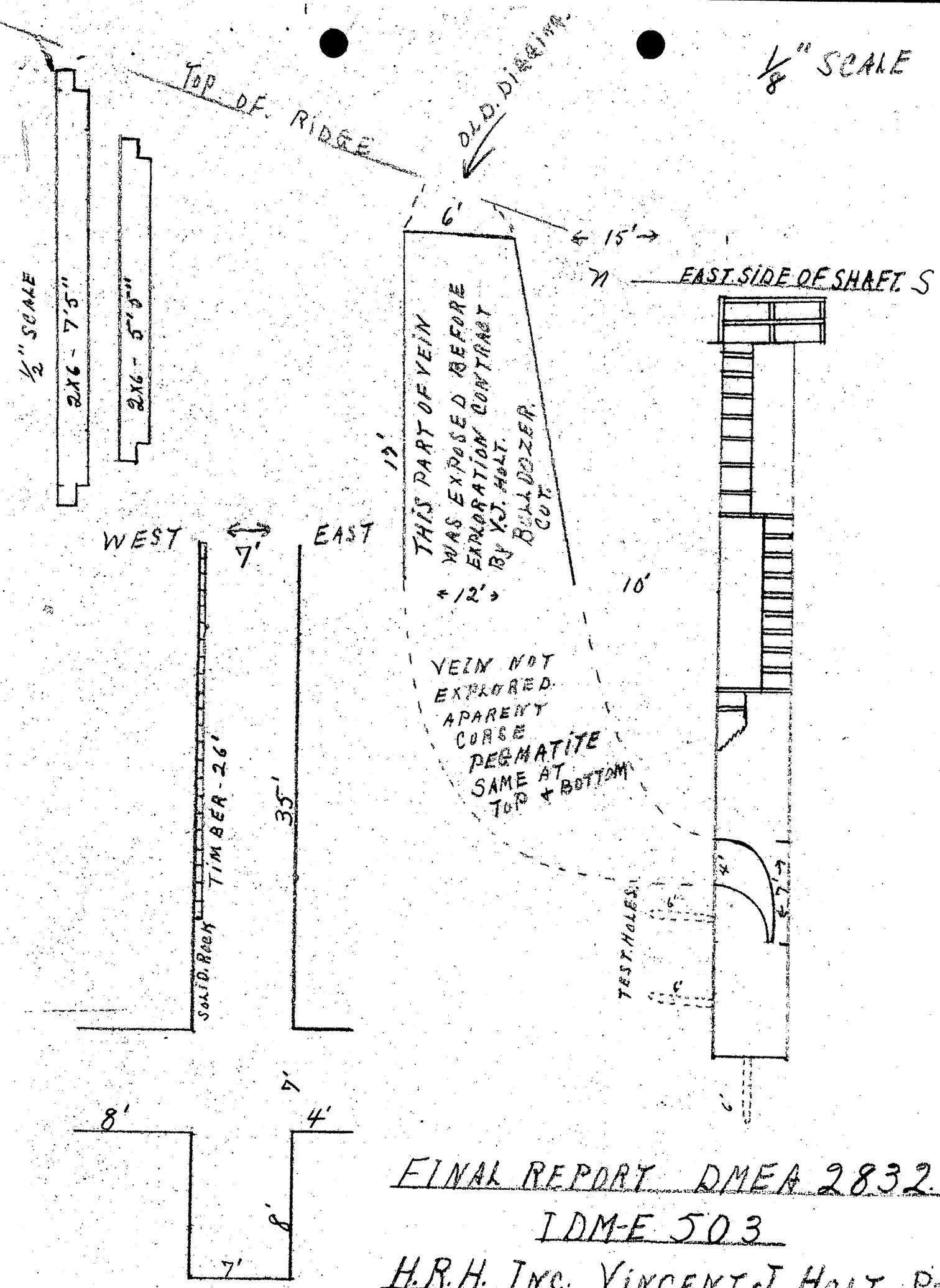
Vincent J. Holt

H. R. H. Inc.



FINAL REPORT DMEA 2832.

IDM-E 503

H.R.H. INC. VINCENT J. HOLT PRES.

APRIL 2-1953 - AUG 14-1953

FINAL ENGINEER AND GEOLOGICAL REPORT

April 2, 1953 to August 14, 1953

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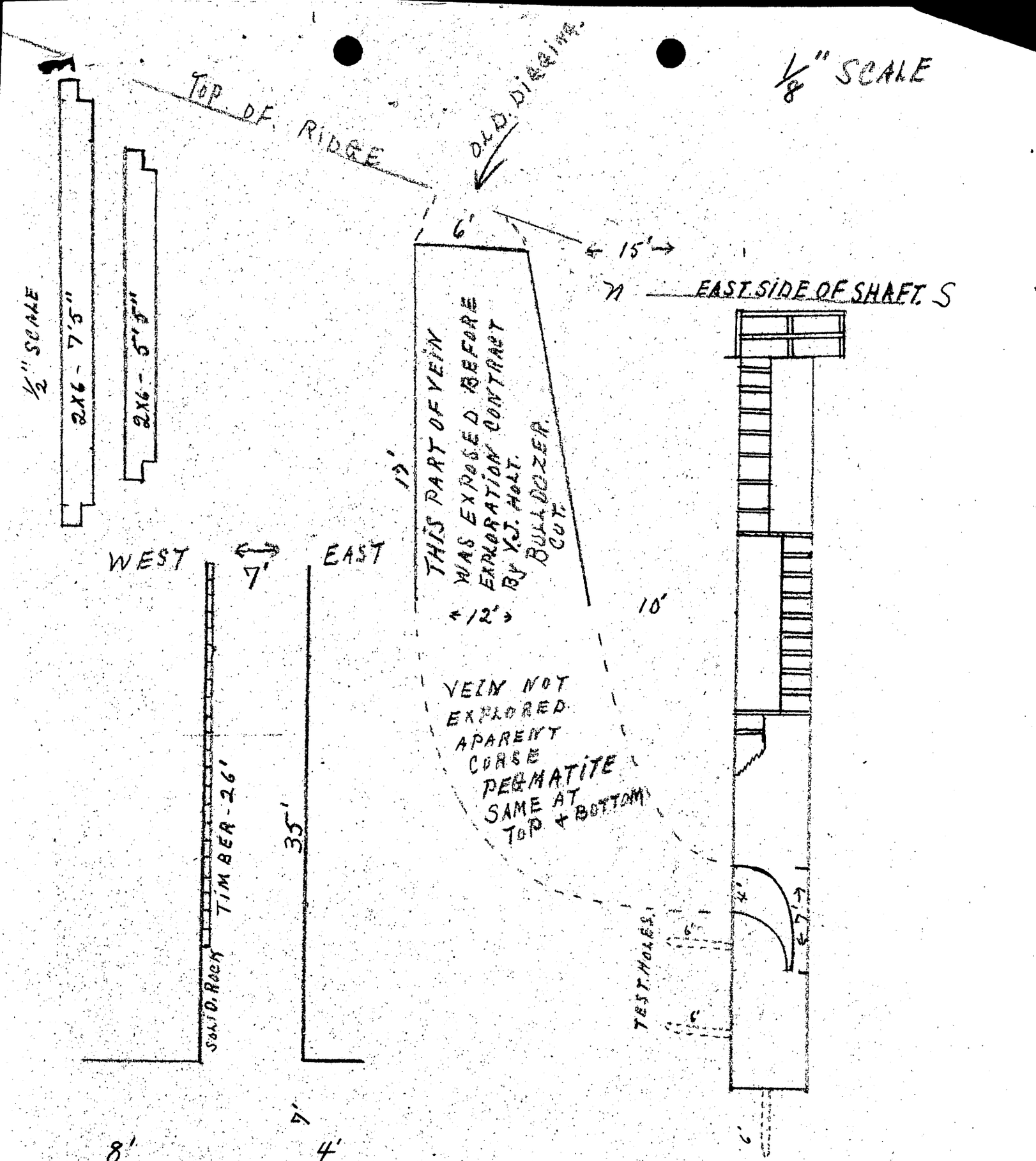


FINAL REPORT DMEA 2832.

IDM-E 503

H.R.H. INC. VINCENT J. HOLT PRES.

APRIL 2-1953 - AUG 14-1953

1-1027
(April 1946)

UNITED STATES
DEPARTMENT OF THE INTERIOR

AGENCY DMEA

TELETYPE

Originator:
Ext.: 2971 Room: 4637

Appro.:
Date: 14X3923.970 Working Fund, Interior, Defense Minerals Exploration Administration
Time: August 14, 1953
No.: 2:45 P. M.
To:

Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII,
Subject: Room 13, Post Office Bldg., Knoxville 2, Tennessee
Docket No. DMEA-2832 - Mica, Bear Pen Mine, Contract No. Idm-E503,
H. R. H. Inc., Haywood County, North Carolina.

You are authorized to terminate Contract Idm-E503 by mutual agreement.

C. O. Mittendorf

C. O. Mittendorf, Administrator
Defense Minerals Exploration Administration

Authorized:

Sign original message and transmit to Room ..... in duplicate

U. S. GOVERNMENT PRINTING OFFICE 16—50915-1

FILE COPY
SURNAME:

Houk

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

DMEA

2971 4637

14X3923.970 Working Fund, Interior, Defense Minerals Exploration Administration
August 14, 1953
2:45 P. M.

Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII,
Room 13, Post Office Bldg., Knoxville 2, Tennessee
Docket No. DMEA-2832 - Mica, Bear Pen Mine, Contract No. Idm-5503,
H. R. H. Inc., Haywood County, North Carolina.

You are authorized to terminate Contract Idm-5503 by mutual agreement.

C. O. Mittendorf (for)

C. O. Mittendorf, Administrator
Defense Minerals Exploration Administration

LGHouk:gad 8/14/53

Copy to: Admr. R. File
Docket File
Confirmation Copy
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

HHK 8-14-53

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 12 1953

August 10, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VII

Subject: DMEA-2832, Idm-E 503 (Mica)
Bear Pen Mine - Request for termination

Recent examination of the two headings pulled to the west at the 36-ft. level of the Bear Pen Mine did not reveal any better indications than was shown in the east drift.

Mr. Shirley, Bureau of Mines engineer, and Mr. Teague, Survey geologist, who examined the mine, recommend termination, as there is now little likelihood of making a significant discovery. Operator (H. R. H., Inc.) is in agreement and is planning to begin work immediately at the Holt No. 1 Mine.

Permission is therefore requested to terminate this contract, by mutual agreement.

Robert A. Laurence

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

Action case

INTERIM REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 12 1953

DMEA-2832 Idm-E503 (mica) BEAR PEN MINE

OPERATOR: H. R. H., Inc., c/o V. Jack Holt, Route #1, Box 368A, Waynesville, N. C.

LOCATION: On the northside of Bear Pen Branch about 3.5 miles by road southeast of Hazelwood, Haywood County, N. C.

This mine was visited on July 25, July 28, and August 4, 1953. Each of these visits represented completion of or start of some phase of the operation. Shaft sinking has been completed to 50 feet and was bottomed in fresh biotite schist, containing numerous stringers of pegmatite material not exceeding 2" in width and composed of quartz, feldspar, biotite and small flakes of muscovite. Test holes 6 feet long were made in the bottom, in the north side and to the east for exploration purposes. No pegmatite was encountered in any of these holes.

During shafting a pegmatite body was encountered at about 32 feet from the shaft collar and was exposed on the east end of the shaft for about 4 feet. About 6 feet of this same material was exposed on the west end of the shaft. Drifting began on the eastward extension July 25, 1953 and consisted of pulling one 4 ft. heading in pegmatite and country rock. This heading did not appear to have possibilities for producing mica of any size or quantity. Most of the mica was of good ruby color but was mostly of scrap and punch sizes. Drifting to the east was discontinued and operator was advised to pull at least two 4 ft. headings to the west. This work was completed Aug. 3 and examined the following day. Material encountered in the west drift was the same as that examined in the east drift and it was suggested that operator discontinue this project for obvious reasons.

L. E. Shirley

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

K. H. Teague

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

August 4, 1953

IN REPLY REFER TO:

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 1 1953

June 26, 1953

Docket File

Memorandum

REVIEW OF APPLICATION DMEA-2832 (amendment) (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: H.R.H. Mining Co., Route 1, Box 368-A
Waynesville, North Carolina
Name of property: Bearpen #2
Location of property: Near Bear Pen #1
Summary of applicant's proposal: strip surface
100' drift
$7,050

Comments:

1. Applicant now has 2 projects approved, 2832 and 2833.
2. Applicant requests working time of 1 year from completion of 2833.
3. There is no sound reason for expecting the 3 pegmatites to join at depth, in fact they probably will not.
4. Applicant recently requested still a 4th project approval, to run a year, for which this office recommended denial.
5. This is some distance from the working at 2832 and should be classed as a new docket to avoid confusion.
6. It appears to me that this applicant is primarily setting up projects to insure employment for self and equipment over the next year or so, rather than mining mica for the present war effort.

RECOMMENDATION:

This application should be denied, and some notice given the applicant that he is to complete his present projects before applying for further help.

D. M. Larrabee

D. M. Larrabee

FILE COPY
SURNAME: gB

Robertson
Clark
Mattendorf

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

600

JUL 2 3 1953

Mr. James H. Howell, Jr.
H. R. H. Inc.
P. O. Box 24
Waynesville, North Carolina

Re: Docket No. DMEA-2832 - Mica
Bear Pen Mine No. 1 (Amendment)
Haywood County, North Carolina
Contract No. Idm-E503

Dear Mr. Howell:

Reference is made to your letter of July 18, 1953, inquiring into the status of your application designated Bear Pen Mine No. 2.

The Bear Pen Mine No. 2 application has been received and will be processed as an amendment to your existing contract, Bear Pen No. 1, Idm-E503.

We wish to inquire whether the applicant has the machinery and personnel to complete your work proposal under the two new applications, should a contract be recommended by the field team or will it be necessary to defer the starting dates as has been the case in the Holt No. 1 Mine?

Sincerely yours,

SIGNED

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

MDL
7-23-53

LGHouk:gad 7/22/53

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

FILE COPY
SURNAME:

Robertson
Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 600

JUL 13 1953

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

Subject: Dockets Nos. DMEA-2832, 2833, 3088 Mica
Bear Pen Mine and Bear Pen No. 2 Mine
Holt No. 1 Mine and Holt No. 2 Mine
Haywood County, North Carolina
Contracts Idm-E503 and Idm-E504

Dear Mr. Laurence:

Reference is made to the H. R. H., Inc., projects now working and now pending.

(1) DMEA-2832, Idm-E503. Bear Pen Mine
Exploration project now working.

(2) DMEA-2833, Idm-E504. Holt No. 1 Mine
Starting date deferred by amendment to contract for period of three additional months to permit the use of machinery on the second job after completion of the first. No project work being done.

(3) A new application is made for a project on Bear Pen No. 2 Mine. The land involved is the same as in the Contract Idm-E503 and normally would be processed as an amendment to DMEA-2832.

(4) A new application is made for a project on Holt No. 2 Mine. This is a separately described tract and, therefore, was assigned a new docket number, DMEA-3088.

Obviously, there is inconsistancy on the part of the Operator in applying for a third and fourth project while unable to proceed on schedule with the work of the second project. We are, therefore, of the opinion that the last two applications (Bear Pen No. 2 Mine and Holt No. 2 Mine) should be withdrawn by the Operator, or we can hold them in abeyance for a time. Before taking any action, we would like to receive your views and comment.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (2/B)

Approved:

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

A. R. Kinkel, Jr. (2/B)
Member, Geological Survey

JTRobertson:gad 7/8/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C. 7-13-53

INTERIM REPORT

DMEA-2832 Idm-E503 (mica) BEAR PEN MINE

OPERATOR: H.R.H., Inc., c/o V. Jack Holt, Route #1, Box 368A, Waynesville, North Carolina.

LOCATION: On the northside of Bear Pen Branch about 3.5 miles by road southeast of Hazelwood, Haywood County, N. C.

Shaft sinking continues slowly on this contract and is now at 40 feet. The mine is beginning to make water, which has caused loss of working time in pumpage, which is necessary each morning before the shift can go to work. A No. 25 sump pump and a small electric pump has been used recently for removing this water. The operator has indicated that a power line will be run to the mine in the near future and that an electric pump of sufficient head will be obtained, if cost are not out of reason.

A pegmatite body was picked up at 34 feet on the NW side of the shaft, and extends across the shaft to the SE. Indications in the bottom shows the body narrowing downward. Vein material consists of quartz, feldspar and small ruby mica exhibiting well defined crystal faces.

L. E. Shirley

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

K. H. Teague

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

July 1, 1953

JAMES H. HOWELL, JR.
ATTORNEY-AT-LAW
P. O. BOX 24
WAYNESVILLE, N. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 22 1953

June 19th, 1953

Defense Minerals Exploration Administration

Department of the Interior,

Washington 25, D. C.

Consider as amend. to DMEA 2832

(Bear Pen No 2)

Dear Sirs:

Herewith transmitted is the application for Aid in Exploration for strategic mica, submitted on behalf of H. R. H. Inc., Waynesville, N. C.

This Company already has two projects assigned it; cross-reference is made to DMEA Dockets 2832 and 2833 for further information regarding this company.

Your prompt consideration and action will be appreciated.

Very truly yours.

James H. Howell, Jr.

James H. Howell, Jr.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

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

MAR 22 1952

Not to be filled in by applicant

Docket No. To be assigned by Amendment to Docket 283
Metal or Mineral
Date Received
Estimated Cost
Participation (Government %)

INSTRUCTIONS

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

H. R. H. Inc.
Route #1 - Box 368-A
Waynesville, N. C.

Bear Pen Mine #2
Haywood County, N. C.

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract

SEE ATTACHED SHEETS

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

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

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

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

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

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

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

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

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

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore .....

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated June 12th, 1953

H. R. H. Inc.
(Applicant)

By Vernon J. Hull Pres.

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

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

1. (a) H. R. H. INC.
Route #1 - Box 368-A
Waynesville, North Carolina

Bear Pen Mine #2 (New)
Haywood County, N. C.

(b) Organization is a corporation incorporated in the State of Florida with the home office: H. R. H. INC.
436 Monroe Drive
West Palm Beach, Florida

(c) 1 - Vincent J. Holt, President
c/o H. R. H. Inc.
Lickstone Lodge
Rt. 1 - Box 368-A
Waynesville, N. C.

2 - Mrs. Helen R. Holt, Secretary and Treasurer
H. R. H. Inc.
Rt. 1 - Box 368-A
Waynesville, N. C., or
436 Monroe Drive
West Palm Beach, Florida

3 - Mr. Albert L. Ingham, Vice President
H. R. H. Inc.
Rt. 1 - Box 368-A
Waynesville, N. C.

(d) Not applicable.

2. Complied with.

3. (a) 1- The legal description of the land involved in this exploration loan application is as follows:

Lying and being in Waynesville Township, Haywood County on the Bear Pen Branch prong of Allens Creek, Haywood County, North Carolina, and more particularly described as follows: BEGINNING on a stake in wire fence, a corner of Bumgarner and Ernest Hooper, and H. R. H. Inc., and runs thence with the line of Ernest Hooper and others 17 calls as follows to a white oak stump on a ridge: S. 59° 45' E. 36.7 ft., S. 76° 45' E. 120.1 ft., N. 87° 30' E. 66 ft., N. 80° 45' E. 120.1 ft. N. 87° E. 330 ft., N. 88° 45' E. 122.76 ft. N. 84° E. 197.3 ft. N. 72° 20' E. 112.2 ft., N. 64° 132 ft., S. 80° E. 35.6 ft., N. 71° E. 114.1 ft., N. 82° 20' E. 218.4 ft., N. 86° 27' E. 256.7 ft., N. 33° 30' E. 129.3 ft., N. 41° 15' E. 165.66 ft., N. 59° 15' E. 93 ft., N. 73° E. 253.4 ft. to a white oak stump on top of ridge; thence with the top of a ridge running approximately S. 29° E. 1980 ft. to an oak on the ridge, the corner of H. R. H., Inc. property, and the Town of Waynesville water-shed property; thence with the line of the Town of Waynesville water-shed property S. 61° 30' W. 1382.7 ft., S. 72° W. 219.8 ft., S. 45° W. 179.5 ft. S. 52° W. 176.8 ft. S. 53° 30' W. 444.1 ft. S. 72° 30' W. 345.8 ft. S. 52° 30' W. 269.2 ft., N 83° 20' W. 792 ft., a corner of H. R. H. property in the Town of Waynesville water-shed line; thence continuing with the Town of Waynesville water-shed line N. 2° 54' E. 1677 ft., a corner of Town of Waynesville water-shed and Bumgarner in H. R. H. Inc. property line; thence N. 2° E. with Bumgarner line 944.4 ft. to the BEGINNING corner containing approximately 150 acres more or less and being known as the Bear Pen section of the Lickstone Lodge property.

The tract of land described in 3.(a) 1 - above is a portion of a 538 acre tract of land owned by H. R. H. Inc. known as Lickstone Lodge Property which it is not deemed necessary, for the purpose of this application, to describe in full inasmuch as this contemplated mining operation is to be conducted on the 150 acre tract thereof above described.

The prospect mine designated herein as Bear Pen Mine #2 is located in the southwest corner of the tract of land herein above described being 600 ft. north of the southwest corner and 200 ft. east of the north south property line as indicated upon attached geographical and topographical overlay.

NOTE: This prospect designated as Bear Pen Mine #2 is upon the same tract of land covered by DMEA docket #2832 (Bear Pen Mine, Haywood Co.) for which an exploration project is under way at this time. Cross reference is made to DMEA docket #2832 for further information not included in this application.

(b) No name has heretofore been given to any mine nor has one existed on the property described in 3. (a) 1 - above; however, applicants wish to give name to the proposed mine as follows: "Bear Pen Mine #2, Waynesville Township, Haywood County, North Carolina".

(c) Applicant's interest in land is that of owner in fee simple.

(d) Not applicable.

(e) The land described in 3. (a) 1 - above is subject to the following lien upon which there remains two installments due: That certain deed of trust executed and delivered by H. R. H. Inc. to A. T. Ward, Trustee for David Underwood in the principal sum of $8760.00 upon 538 acres more or less, said deed of trust being dated the 8th day of October, 1951 and recorded in deed of trust Book No. 76 at page 187, Haywood County Registry.

NOTE: Subordination of lien agreement by mortgagee has been signed and filed in DMEA #2832. If an additional such consent to lien is necessary please advise.

(f) Not applicable.

4. (a) Present exploration operations consist of the following work having been done: A road, which connects with the road from the present entry into the property to the Bear Pen Mine, has been built at a cost of $300.00, a distance of approximately one-half mile to the mine which is the subject of this application. The work at the site of the prospect mine consists of a bulldozer cut 100 ft. long and 15 ft. deep across the end of the ridge from northeast to southwest; then another bulldozer cut intersecting with the above mentioned cut on the center of the ridge running east and west 75 ft. long and 15 ft. deep at the intersection. The work that has been done at this mine which is illustrated upon the attached sketches graphically show this work. On the cut running east and west is a vein which is producing a small amount of mica of the strategic type. On the cut running northeast to southwest three small veins were cut into by the bulldozer and all of them are pitching at a degree and angle into the ridge which the applicant feels will bring them together and make one large vein at a depth of about 30 ft. below the present bulldozer cut and approximately 100 ft. east of the present bulldozer cut.

H. R. H. Inc.
Rt. #1 - Box 368-A
Waynesville, N. C.

(Bear Pen Mine #2)

This one vein in the cut running northeast to southwest is 4 ft. thick and 10 ft. wide, pegmatite made up of feldspar, flint, and some kaolin on a 45° angle pitching into the hill about 15°. Another vein about 15 ft. to the south of this vein 2 ft. wide of unknown depth also pitches into the hill at 15° and about 20 ft. south of that is a vein of which the top was cut off by the bulldozer, also pitching at about 15° into the hill, and at an angle at which they are going applicant believes they will intersect at about 100 ft. See attached sketch. The opening is easily accessible for examination. There are no other existing facilities at this location. Interest in the present exploration operation is that of owning corporation.

(b) This prospect has no past history other than the work described above which was done last year, at which time 35 pounds of full trimmed strategic mica was removed and processed and sold at Spruce Pine, N. C. at an average price of $12.00 per pound. This was mostly surface mica, but at that was a very good grade of mica. Other miners who have looked at it believe it to be and have advised applicant that this is a good prospect. This ridge has numerous outcrops of mica. Surface type of scrap mica is plentiful, but mica of the strategic type is not sufficient as yet to pay prospecting costs.

(c) The geographical features of the property, mineralization type of deposit and reasons for wishing to explore may be explained as follows: This prospect is in the near vicinity of numerous outcroppings in addition to the veins mentioned as uncovered and cut into. It is one-half mile from Bear Pen Mine (DMEA #2832, now in the process of being prospected), and is also approximately one mile northwest across the bridge from the Big Ridge Mine of the Haywood Mining and Lumber Company which is one of the largest and best known mines in the South with a seventy-five year production record. The rock and mineral formation at the subject prospect is very similar to that found at Big Ridge Mine and very similar to that found at Bear Pen Mine (DMEA #2832) and consists of kaolin, feldspar, flint and quartz together with granite rock found in the formation around the veins. The mica taken from this prospect is not ruled as is Bear Pen Mine mica one-half mile away (DMEA #2832). Another difference between the original Bear Pen Mine and this mine is that this is a dry mine so far.

(d) Accessibility: This mine is easily accessible from Waynesville, N. C. To reach the mine from Waynesville the traveler would proceed West on Highway 19-23A from Waynesville toward Sylva to the Allens Creek road, a distance of approximately two miles from the center of Waynesville at the post-office and turn left on to the Allens Creek road, and would thence proceed a short distance to the Browning Branch road, thence proceed up the Browning Branch road to the Lickstone Lodge, a distance of one and a half miles. After entering the Lickstone Lodge property the traveler would take the left hand dirt road and follow it three-quarters of a mile to a road fork and then take the right hand road over the ridge into the Bear Pen Cove passing Bear Pen Mine #1 and continuing on a distance of one-half mile for a total distance from Waynesville to the subject prospect of approximately four and three-quarter miles.

The Waynesville-Hazelwood area is a shipping point, supply point, and residence point.

(e) Manpower, materials, supplies, equipment, water and gasoline power are easily and readily available within the Waynesville-Hazelwood area in ample and sufficient quantities.

5. (a) The mineral for which exploration is to be conducted is mica, sheet or pattern of strategic quality in commercial quantities and scrap mica with by-products of feldspar and kaolin.

(b) The proposed work consists of deepening by means of a bulldozer cut at the intersecting points of the two cuts already made to a depth of 20 ft. below the bottom of the present cut. In this work an estimated 3000 cubic yards of dirt and rock will have to be moved. This is necessary in order to get proper entrance for a drift running back into the ridge and also to give a proper dumping ground. It is estimated that the cost per yard of moving this will be 25 cts. per yard due to the fact that there will have to be some drilling and blasting done along with the bulldozer work, for a total cost of approximately $750.00. Applicant feels that it would be considerably cheaper to move this 3000 cubic yards than to sink a shift. It is necessary to get down approximately a total depth of 35 ft. from the surface. Having gotten down 35 ft. from the surface the appoicant proposes to run a 5 by 7 ft. drift 100 ft. toward the intersecting point of the veins with 50 ft. of lateral drift. In the drift and lateral work applicant estimates that he cannot do the job for less than $40.00 per foot because it will be necessary to timber a considerable amount of the drift and because of additional factor of transportation of workers to and from the mine.

For a clearer picture of porposed work see attached sketch.

(c) Applicant already has two projects upon which he is working, reference being made to DNEA #2832 and DMEA #2833. He therefore proposes to start work on this prospect immediately upon the completion of work upon project DMEA #2833 - Holt Mine #1, and requests a year therefrom within which to complete.

(d) Operating experience and background of applicant is as follows: Three years corporate existence and business experience in Florida and North Carolina. Personnel of said corporation, principally Mr. Vincent J. Holt, has had long and successful experience as a general contractor for fifteen years in the State of Florida and one year's experience (1951-52) in mica mining. Mine working crews used in this operation are men of twenty to thirty years experience. Mr. Holt is in the process of supervising the work being done on the Bear Pen Mine and Holt Mine #1 to which reference has already been made.

H. R. H. Inc.
Rt. #1 - Box 368-A
Waynesville, N. C.

(Bear Pen Mine #2)

6. (a) Independent Contracts:

Removal of 3000 cubic yards of dirt and rock at an estimated cost of 25 cts. per yard	$ 750.00
Drilling a 7' x 5' x 100' drift at $40. per ft.	4000.00
Drilling lateral drifts 7' x 5' x 50' at $40. per ft.	2000.00

NOTE: This includes all drift work.
Items 6. (b), (c), (e), (g), and (h) are all included in the $40. per ft. estimate above.

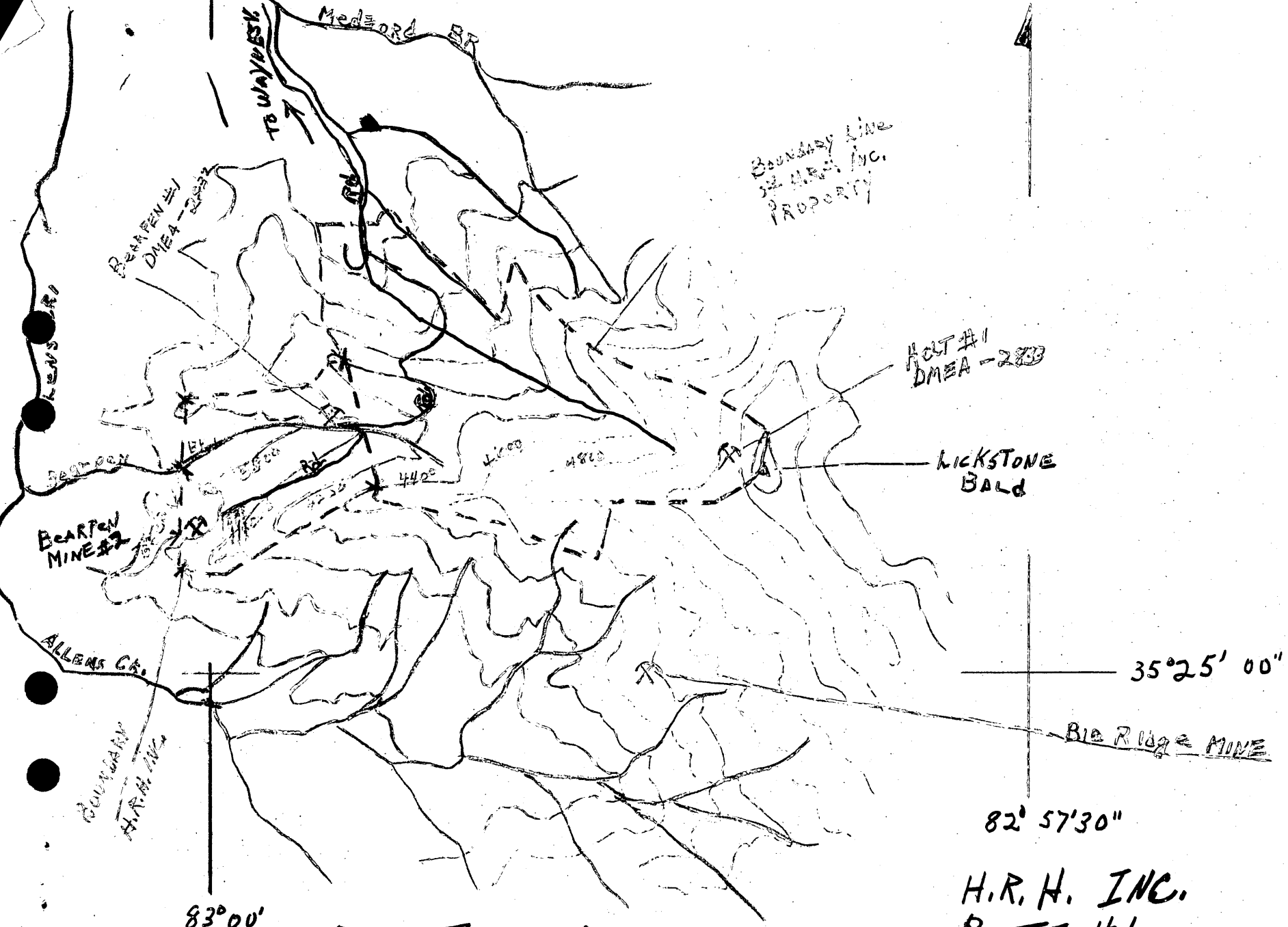
(d) Operating equipment: The H. R. H. Corporation will furnish all equipment including compressor, jack hammer, hose, pump, pipe, bits, winch, mine cars and track, and all working tools, the same to be furnished as its 10% part; use-allowance suggested to be not less than $500.00 per month.

(f) New Buildings: It will be necessary to build a tool and compressor house of minimum size of 10' x 12' at an estimated cost of $200.00. In addition thereto it will be necessary to build or construct a powder bunker and a cap bunker at a cost of approximately $50.00 each.

Summary of estimated costs:

Bulldozer work, drilling and shooting to remove estimated 3000 cubic yards at entrance	$ 750.00
Drilling 5' x 7' x 100' drift at $40.00 per ft.	4000.00
Lateral drifts 50 ft.	2000.00
Tool and compressor shed	200.00
Powder bunker	50.00
Cap bunker	50.00
TOTAL ESTIMATED COST - - - -	$ 7050.00

7. (a) Yes.
(b) The H. R. H. Inc. will furnish all equipment used in the operation. The use of equipment owned or rented by H. R. H. Inc. will furnish considerably more than its share of the cost. It is the intention of H. R. H. Inc. to sub-contract the actual drill work.



DATA FROM WAYNESVILLE QUADRANGLE & HAZELWOOD QUADRANGLE, HAYWOOD COUNTY, N.C. U.S. GEOLOGICAL SURVEY, EDITION OF 1942

H.R.H. INC.
ROUTE #1
WAYNESVILLE, N.C.

BEAR PEN MINE #2 (NEW)

MP-201
(June 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Docket No. _____
Bears Pan Mine No. 2
H. R. H. INC.
Waynesville, N. C.

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the holder of a mortgage, claim, lien, or encumbrance identified and described as follows:

Deed of Trust dated the 8th day of October, 1951, recorded in Deed of Trust Book 76, at page 187, Haywood County Registry, Waynesville, North Carolina,

upon that certain parcel of ground described in a certain Exploration Project Contract, consisting of 150 acres more or less, dated the _____,1953, between H. R. H. Inc., Route 1, Box 368-A, Waynesville, North Carolina, and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all his right, title, and interest in said mortgage, claim, lien, or encumbrance 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 under the provisions of said mortgage, claim, lien, or encumbrance; and,

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might 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 19 day of June 1953.

THE FIRST NATIONAL BANK OF WAYNESVILLE, N. C.

BY: _____ President.

SEAL

Attest:

_____
Secretary.

INTERIM REPORT

DMEA-2832 Idm-E503 (mica) BEAR PEN MINE

OPERATOR: H. R. H., Inc., c/o V. Jack Holt, Route #1, Box 368A, Waynesville, North Carolina

LOCATION: On the northside of Bear Pen Branch about 3.5 miles by road southeast of Hazelwood, Haywood County, N. C.

Progress on this project is satisfactory. Shaft sinking continues and is now down to 35.5 ft. Material encounted to 34 ft. was weathered mica schist and the remaining footage has been in pegmatite. Material to date has been soft and has not required shooting. The pegmatite consists principally of feldspar and quartz and no mica has been recovered. A straight leg and boom pole have been constructed and, with minor changes, will be satisfactory for hoisting. An exploder magazine has been constructed recently.

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

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

June 3, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAY 18 1953

INTERIM REPORT

DMEA-2832 Idm-E503 (mica) BEAR PEN MINE

OPERATOR: H. R. H., Inc., c/o V. Jack Holt, Route #1, Box 368A, Waynesville, North Carolina

LOCATION: On the northside of Bear Pen Branch about 3.5 miles by road southeast of Hazelwood, Haywood County, N. C.

This project began work on April 21, 1953. A trench has been cut approximately as described in Exhibit "A" of the contract, and necessitated 20 hours of machine work. This trench did not reveal an extension of the pegmatite to the west. A tool house and an exploder magazine has been constructed. Shaft work has begun and is now down to 17 feet, collared and cribbed with 2" x 6" timbers, solid to this depth. A gasoline hoist, #25 sump pump and an air compressor with accessories are on the site. A straight leg and boompole for hoisting will be set up soon. Material encountered during sinking consisted principally of biotite gneiss.

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

K. H. Teague

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

May 6, 1953

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

April 15, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 17 1953

Memorandum

To: Operating Committee, D M EA- Washington

From: Executive Officer, DMEA - Region 7

Subject: Signed Contracts: DMEA-2832, Idm-E503 (mica)
DMEA-2833, Idm-E504 (mica)

Transmitted herewith are three signed copies each of the above subject contracts. One copy was retained by the Operator, one by this office, and one copy sent to the Finance Officer.

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

Cal
4-17

FILE COPY
SURNAME:

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

600

Robertson
Houk
Chandler
Selfridge
Hedges

APR 2 1953

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

Subject: Docket No. DMEA-2832 - Mica
Bear Pen Mine
Waynesville Township
Haywood County, North Carolina

Dear Mr. Laurence:

J.C. 4-2-53

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

If the contract meets with your approval, present it to the operator for his approval and signature. Please explain to the operator that when the contract is executed, it is a firm commitment under the terms of which he is obligated to complete the work outlined at the agreed unit cost for the work. If any part of this contract does not have either your approval or that of the operator and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

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

Sincerely yours,

George C. Selfridge (JB)

Chairman, Operating Committee

Approved:

J. H. Hedges (JB)

Member, Bureau of Mines

A. R. Kinkel, Jr. (JB)

Member, Geological Survey

Enclosures 6

JTRobertson:gad 3/31/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 19 1953

March 18, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2832, mica, Bear Pen Mine, Haywood County
North Carolina

I concur in the field team's recommendation for an exploration program in the amount of $5,100.00.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

Mr. Robertson

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

March 18, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 19 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2832 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration.
From: J. J. Norton, U. S. Geological Survey.
Applicant: H.R.H. Inc., c/o V. J. Holt, Route #1, Waynesville, N. C.
Name of property: Bear Pen.
Location of property: North side of Bearpen Branch, 3.5 miles southeast of Hazelwood, Haywood County, N. C.
Date of field team report: March 3, 1953.
Authorship of field team report: K. H. Teague and L. E. Shirley.
Field team's recommendation:
Trench.
50-foot shaft.
60 feet of drifts.

Comments: None

ACTION SUGGESTED:
Follow field team's recommendation.

J. J. Norton

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

March 9, 1953

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1953

To: Operating Committee, D M E A- Washington

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

Subject: Subordination Agreements on DMEA-2832, Bear Pen Mine, and DMEA-2833, Holt Mine No. 1. Applicant: H. R. H. Inc. Waynesville, N. C. (mica)

Transmitted herewith are 5 copies each of subordination agreements on the subject applications. Field Team reports on these were mailed to your office on March 5, 1953.

You will note that only 5 copies were received by this office. If another copy is absolutely necessary, please advise and we will endeavor to get it.

Robert A. Laurence

Robert A. Laurence

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

March 5, 1953

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 1953

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

From: Field Team, DMEA, Region VII

Subject: DMEA-2832, H. R. H., Inc., Bear Pen Mine (mica)

Enclosed herewith are four copies of field examination report on the subject application, with six extra copies of the map.

The Field Team agrees with the recommendations of the examiners for approval of the application.

Robert A. Laurence

Robert A. Laurence
Executive Officer, DMEA
Region VII

Wm A Beck

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

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
3-13-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

BEAR PEN MINE...DMEA-2832 (mica)
Hazelwood County, N. C.

Hazelwood, Haywood County

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 1953

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

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

March 3, 1953

Reviewed by
DMEA OPERATING COMMITTEE

3-13-53
(date)

Field Examination Report
on
DMEA-2832 (mica) BEAR PEN MINE

GCL
4/1/53

Applicant: H. R. H. Inc., c/o Vincent J. Holt
Route # 1, Box 368 A, Waynesville, N. C.

During the summer of 1952 the applicant prospected this pegmatite by stripping it with a bulldozer and cutting one trench about 15 feet deep across the pegmatite. A pegmatite 6 to 10 feet thick is exposed. The mica is of good quality. This deposit appears to justify exploration for strategic mica.

This deposit was examined on February 24, 1953. Mr. Vincent J. Holt accompanied the field examiners and the examination required two hours.

The Bear Pen mine is a recently discovered deposit. It is on the north side of Bearpen Branch about 3.5 miles by road southeast of Hazelwood County, North Carolina. A new bulldozer road extends to the mine and the road is passable most of the time in a 4-wheel drive jeep.

The applicant owns the property; however, there is a small mortgage held by the Frist National Bank of Waynesville, N. C., on the property. Necessary forms were given the applicant to be executed and as soon as these are received they will be sent to Washington.

Existing workings at this place consist of a stripped area about 50-feet in diameter and a cut 100' x 15' with a depth of 15 feet. Only in the cut is the pegmatite well exposed. There are no facilities at the mine.

The stripping and trench has exposed a semi-weathered pegmatite 6 to 10 feet thick which strikes east-west, dipping 30-45° to the south. The pegmatite is zoned, consisting of a medial quartz core bounded on both walls by feldspathic pegmatite. The core is of variable thickness, but in general is about three feet thick. The hanging wall zone appears to contain more mica than the footwall zone. The pegmatite is emplaced conformably in semi-weathered biotite gneiss. In addition to the pegmatite exposed in the cut massive quartz has been found in an old pit about 100-feet west of the cut. There are no exposures here, thus the origin of the quartz is unknown.

The mica is clear, hard, flat, splits well, and is ruby colored. Some of the books are somewhat ribboned. Books which will trim 2" x 2" pattern have been recovered from the pegmatite.

The exploration program as proposed by the applicant and that recommended by the field examiners is similar. However, the field examiners believe that the shaft should not be deeper than 50 feet and that some drifts should be driven on the pegmatite.

The field examiners recommend that a trench be cut about 75 feet west of the existing one to determine the possibility of the westward continuation of the pegmatite. Also, the existing trench should be cleaned out to better expose the pegmatite. After the bulldozer work is completed a 50-foot 5'x 7'-foot shaft should be sunk at the more promising exposure and approximately 60 feet of drifts driven in both directions on the pegmatite from the shaft.

Estimated Cost:

20 hrs. of bulldozing @ $10/hr.	$ 200.00
50-foot 5' x7' shaft @ $50/ft.	2,500.00
60 feet of drifts @ $35/ft.	2,100.00
Tool house	200.00
Powder Magazine	50.00
Explorder Magazine	50.00
Estimated Total Cost	$5,100.00

Estimated time required 65 shifts.

K. H. Teague, Geologist
USGS.

March 3, 1953

L. E. Shirley, Mining Engineer
USBM.

zm

FILE COPY
SURNAME:

Robertson
Houk
Lemmon
Selfridge

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

FEB 12 1953

Mr. Vincent J. Holt, President
H. a. H. Inc.,
Route [illegible], Box [illegible]
Waynesville, North Carolina

Subject: Docket No. [illegible] - Mica
Bear Pen Mine
Waynesville Township,
Haywood County, North Carolina

Dear Mr. Holt:

Your application for assistance in exploring the Bear Pen Mine property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Lawrence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for examination.

The Regional Office will contact you at an early date in regard to examination of your property. Any assistance that you may render the members of the field team in the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf (for) JH 2-12-53

Administrator

JTRobertson:gal 2/9/53

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

FILE COPY
SURNAME:

Robertson
Houk
Selfridge

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

600

FEB 12 1953

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

Subject: Docket No. DMEA-2832 - Mica
Bear Pen Mine
Waynesville Township,
Haywood County, North Carolina

Dear Mr. Laurence:

A field team examination is requested for the subject exploration assistance application.

Your particular attention is called to the letter of transmittal that accompanied the application, dated December 23, 1952, referring to a mortgage held by the First National Bank of Waynesville, North Carolina. It will be necessary for the field team to inquire into, and secure subordination of, any outstanding mortgage claims or encumbrances.

Also enclosed, for your information and file, are copies of memoranda from the Bureau of Mines and the Geological Survey.

Sincerely yours,

George C. Selfridge

GHB

Chairman, Operating Committee

S.H.
2-12-53

Approved:

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

D. M. Lemmon (GHB)
Member, Geological Survey

JTRobertson:gad 2/9/53

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

Enclosures 3

Mr. Robertson

IN REPLY REFER TO:

G-MD-GNM

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

January 7, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 9 1953

Memorandum

REVIEW OF APPLICATION DMEA-2832 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration.
From: J. J. Norton, U. S. Geological Survey.
Applicant: Vincent J. Holt, H.R.H. Inc., Route #1, Box 368-A, Waynesville, North Carolina.
Name of property: Bear Pen Mine.
Location of property: Waynesville Township, Haywood County on the Bear Pen Branch of Allen's Creek. Applicant shows location on a topographic map.
Estimated cost of project: $5300 ($100.00, bulldozer; $5000.00, shaft; $200.00, shed)
Summary of applicant's proposal: 100-foot shaft

Sources of information on applicant's property: None

Comments:

(1) See DMEA-2833

(2) Applicant says he has sold 3 tons of scrap mica and has 10 pounds of sheet mica on hand.

RECOMMENDATION:

Field examination

J J Norton

J. J. Norton

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1953

January 5, 1953
Mr. Roberts

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2832, Mica, Bear Pen Mine, Haywood County, North Carolina

No data are available in this office on subject property. It is suggested that the field team visit this property when they are in that vicinity to ascertain if an exploration program is justified.

Brooke L. Gunsallus
Brooke L. Gunsallus

December 30, 1952

Mr. Vincent J. Holt
H. R. H. Inc.
Route #1 - Box 368-A
Waynesville, N. C.

Subject: DMEA-2832
Re: Exploration Assistance
Bear Pen Mine

My dear Mr. Holt:

The receipt of your application dated December 17, 1952 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2832 and referred to the Nonmetallic Minerals Division.

Kindly refer to DMEA-2832 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS
Robert E. Adams, Chief
Operation's Control and
Statistics Division

25451

JAMES H. HOWELL, JR.
ATTORNEY-AT-LAW
P. O. BOX 24
WAYNESVILLE, N. C.

December 23, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
DEC 26 1952

Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Gentlemen:

There is submitted herewith on behalf of the H. R. H. Inc., Route #1, Box 368-A, Waynesville, N. C. two separate applications for aid in an Exploration Project. One is upon what the owner chooses to name the "Bear Pen Mine", and the second upon what is named the "Holt Mine No. 1." It is expected each will be give a separate docket number.

In each instance there is attached a sketch showing present and proposed work, together with mica samples.

Both mines are located upon a large tract owned by H. R. H. Inc., but since it was feasible to describe the smaller subdivision of the parent tract upon which the mines are located, that was done in each instance, and the description of the large parent tract omitted to avoid confusion.

There is a mortgage lien covering the entire parent tract, however, which is held by the First National Bank of Waynesville, N. C. The Bank as agreed to subordinate its lien upon the tracts described in the applications, subordination not to affect its lien upon any of the remainder which is covered by its lien. However, the Bank wishes to know the exact terms of such lien agreements and pertinent contract terms. In this connection will you please send me at least 16 copies of the present form used for the purpose of "Mortgagee's Subordination of Lien", together with at least 6 blank copies of the present form of Exploration Contract setting forth the lien provision thereof. Presently the forms signed by mortgagees refer to the provisions of exploration contracts regarding subordination of liens which I understand to be set forth in a standard form contract. I shall need blank copies of these documents to show attorneys for the Bank in addition to the number required to be executed of the subordination agreement in order to explain to them just what the subordination of lien will provide in exact terms and also in order that copies of the terms thereof may be filed with its records pertaining to its mortgage.

It will be appreciated also if you will forward to me a sufficient number of Form 103, as revised, for use in connection with four more contemplated Aid in Exploration applications.

Your kind attention and co-pperation will be appreciated.

Very truly yours,

James H. Howell, Jr.

James H. Howell, Jr.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

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

Not to be filled in by applicant

Docket No. DMEL-2832
Metal or Mineral
Date Received 12/29/52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: H. R. H. INC.
Route #1 - Box 368-A (Bear Pen mine)
Waynesville
North Carolina

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract

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

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

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

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

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

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

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

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

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

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

Defense Minerals Administration
DEC 29 1952

16—56551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore .....

.....

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☐ Money ☒ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated 17 December, 1952, 195..

H. R. H. INC.
(Applicant)

By Vincent J. Holt
Vincent J. Holt, President

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

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

1. (a)

H. R. H. INC.
Route #1 - Box 368-A
Waynesville, North Carolina

Bear Pen Mine (New)
Haywood County, N. C.

(b) Organization is a corporation incorporated in the State of Florida with the home office: H. R. H. INC.
436 Monroe Drive
West Palm Beach, Florida

(c) 1 -Vincent J. Holt, President
c/o H. R. H. Inc.
Lickstone Lodge
Rt. 1 - Box 368-A
Waynesville, N. C.

2 - Mrs. Helen R. Holt, Secretary and Treasurer
H. R. H. Inc.
Rt. 1 - Box 368-A
Waynesville, N. C., or
436 Monroe Drive
West Palm Beach, Florida

3 - Mr. Albert L. Ingham, Vice President
H. R. H. Inc.
Rt. 1 - Box 368-A
Waynesville, N. C.

(d) Not applicable.

2. - -

3.(a) 1- The legal description of the land involved in this exploration loan application is as follows:

Lying and being in Waynesville Township, Haywood County on the Bear Pen Branch prong of Allens Creek, Haywood County, North Carolina, and more particularly described as follows: BEGINNING on a stake in wire fence, a corner of Bumgarner and Ernest Hooper, and H. R. H. Inc., and runs thence with the line of Ernest Hooper and others 17 calls as follows to a white oak stump on a ridge: S. 59° 45' E. 36.7 ft., S. 76° 45' E. 120.1 ft., N. 87° 30' E. 66 ft., N. 80° 45' E. 120.1 ft. N. 87° E. 330 ft., N. 88° 45' E. 122.76 ft. N. 84° E. 197.3 ft. N. 72° 20' E. 112.2 ft., N. 64° 132 ft., S. 80° E. 35.6 ft., N. 71° E. 114.1 ft., N. 82° 20' E. 218.4 ft., N. 86° 27' E. 256.7 ft., N. 33° 30' E. 129.3 ft., N. 41° 15' E. 165.66 ft., N. 59° 15' E. 93 ft., N. 73° E. 253.4 ft. to a white oak stump on top of ridge; thence with the top of a ridge running approximately S. 29° E. 1980 ft. to an oak on the ridge, the corner of H. R. H., Inc. property, and the Town of Waynesville water-shed property; thence with the line of the Town of Waynesville water-shed property S. 61° 30' W. 1382.7 ft., S. 72° W. 219.8 ft., S. 45° W. 179.5 ft. S. 52° W. 176.8 ft. S. 53° 30' W. 444.1 ft. S. 72° 30' W. 345.8 ft. S. 52° 30' W. 269.2 ft., N. 83° 20' W. 792 ft., a corner of H. R. H. property in the Town of Waynesville water-shed line; thence continuing with the Town of Waynesville water-shed line N. 2° 54' E. 1677 ft., a corner of Town of Waynesville water-shed and Bumgarner in H. R. H. Inc. property line; thence N. 2° E. with Bumgarner line 944.4 ft. to the BEGINNING corner containing approximately 150 acres more or less and being known as the Bear Pen section of the Lickstone Lodge property.

~~(Description outlined in red on attached plat of Watt Justice, Surveyor, dated Oct. 1951)~~

2 - The tract of land described in 3. (a) 1 - above is a portion of a 538 acre tract of land owned by H. R. H. Inc. known as Lickstone Lodge

Property which it is not deemed necessary, for the purpose of this application, to describe in full inasmuch as this contemplated mining operation is to be conducted on the 150 acre tract thereof above described.

(b) No name has heretofore been given to any mine nor has one existed on the property described in 3. (a) 1 - above; however, applicants wish to give name to the proposed mine as follows: "Bear Pen Mine, Waynesville Township, Haywood County, North Carolina".

(c) Applicant's interest in land is that of owner in fee simple.

(d) Not applicable.

(e) The land described in 3. (a) 1 - above is subject to the following lien upon which there remains two installments due: That certain deed of trust executed and delivered by H. R. H. Inc. to A. T. Ward, Trustee for David Underwood in the principal sum of $8760.00 upon 538 acres more or less, said deed of trust being dated the 8th day of October 1951 and recorded in deed of trust Book No. 76 at page 187, Haywood County registry.

(f) Not applicable.

4. (a) Present exploration operations consist of the following work having been done: a road built to the mine from the present entry into the property at a cost of $1000.00; a bulldozer cut 14 feet in width and 24 feet deep across the vein uncovering and exposing the vein as is illustrated upon the attached sketch. The opening is easily accessible for examination. A dynamite and powder storage dump has been built at the suggestion of the State of North Carolina at a cost of $60.00. There are no other existing facilities at this location. Interest in present exploration operation has been that of owning corporation.

(b) Three tons of scrap mica have been mined, processed, and sold to the Asheville Mica Company from this mine bringing a return of approximately $20.00 per ton. There is sheeted and on hand, fully trimmed, 10 lbs. of No. 1 Ruby mica taken from this mine, examination of which is invited. There is also 5 lbs. of stained Ruby mica processed and on hand. Existing stain is of a vegetable character and not of a mineral character. The samples of mica were shown to Messrs. Flint and Buchanan, government purchasing agents at Sprucce Pine, N. C., who informed applicant all that was needed for sale was for applicant to work out 45 lbs. of the quality of mica equivalent to the 10 lbs. of No. 1 clear Ruby mica on hand. The largest block of book mica weighed 8 lbs. The largest piece of trim mica was 2" x 4". This is an entirely new prospect and has not heretofore been worked and has no past production record other than herein stated. Further information may be had by reference to attached sketch.

(c) The geologic features of the property, mineralization, type of deposit and reasons for wishing to explore may be explained as follows: There are in the near vicinity of the present open cut made by applicant six outcroppings of mica in addition to the one at which the open cut was made; there are other mines in the near vicinity of this operation, the largest and best known being the Big Ridge Mica Mine with a 75 year production record approximately Two miles to the southeast; and in the near vicinity of the present mine is located what is known as the " Putnam Mines". The rock and mineral formation at the subject mine are very similar to that found at the Big Ridge Mine and consists of kaolin, feldspar, flint, and quartz, together with granite rock found in the formation around the vein as it now appears. Attached sketch gives a better visual picture of what has been found by applicant to date.

It is worth note that the vein is getting bigger and better as one goes down into it. It appears that the south side of the vein runs straight down, and that on the north side the vein pitches a little, getting wider. The vein runs almost due east and west. Samples of the mica (full trim) taken from the mine, are attached. The samples attached are of the best and the worst of the full trimmed mica that has been taken from this mine.

(d) Accessibility: This mine is easily accessible from Waynesville, N. C. To reach the mine from Waynesville the traveler would proceed West on Highway 19-23A from Waynesville toward Sylva to the Allens Creek road, a distance of approximately two miles from the center of Waynesville at the post-office and turn left on to the Allens Creek road, and would thence proceed a short distance to the Browning Branch road, thence proceed up the Browning Branch road to the Lickstone Lodge, a distance of one and a half miles. After entering the Lickstone Lodge property the traveler would take the left hand dirt road and follow it three-quarters of a mile to a road fork and then take the right hand road over the ridge into the Bear Pen Cove to the mine, a total distance from Waynesville to the mine of approximately four and one quarter miles. The Waynesville-Hazelwood area is a shipping point, supply point, and residence point.

(e) Manpower, materials, supplies, equipment, water and gasoline power are easily and readily available within the Waynesville-Hazelwood area in ample and sufficient quantities.

5. (a) The mineral for which exploration is to be conducted is mica, sheet or pattern of strategic quality in commercial quantities and scrap mica with by-products of feldspar and kaolin.

(b) Proposed work consists of sinking of a 100' shaft 7' x 7' in size at the present open cross cut made by bulldozer. See attached sketch.

(c) The work will start immediately upon the letting of exploration contract or within thirty days thereafter and will be completed within six months from date of exploration contract.

(d) Operating experience and background of applicant is as follows: Three years corporate existence and business experience in Florida and North Carolina. Personnel of said corporation, principally Mr. Vincent J. Holt, has had long and successful experience as a general contractor for fifteen years in the State of Florida and one year's experience (1951-52) in mica mining. Mine working crews used in this operation are men of twenty to thirty years experience. Mr. Holt is in the process of driving 100' drift under subcontract at the present time on another location.

6. (a) Independent Contracts:

10 hours of bulldozer work at $10.00 per hour	$100.00
Drilling a 7' x 7' x 100' shaft at $50. per foot	5000.00
Subtotal - - - -	$5100.00

Note: This includes all shaft work.

(b) (c) (e) (g) (h) All of these items are included in the $50.00 per foot estimate above.

H. R. H. Inc.
Route #1, Box 368-A
Waynesville, N. C.
Bear Pen Mine

(d) Operating Equipment: the H. R. H. Corporation will furnish all equipment including compressor, jack Hammer, hose, pump, pipe, bits, winch, mine cars and track, and all working tools, the same to be furnished as its 10% part; use-allowance suggested to be not less than $500.00 per month.

(f) New Buildings: It will be necessary to build a tool and compressor house of minimum size of 10' x 12' at an estimated cost of $200.00.

Summary of estimated costs:

Bulldozer work @ $10.00 per hour - - - - - - - - -	$100.00
Drilling a 7' x 8' x 100' shaft at $50 per foot,-	5000.00
Tool and compressor shed or house - - - - - -	200.00
TOTAL ESTIMATED COSTS - - - - - - -	$5300.00

7. (a) Yes.
(b) The H. R. H. Inc. will furnish all equipment used in the operation. The use of equipment owned or rented by H. R. H. Inc. will furnish considerably more than its share of the cost. It is the intention of H. R. H. Inc. to sub-contract the actual drill work.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Approved.
Budget Bureau No. 42-R1035.2.

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

Not to be filled in by applicant

Docket No. DMEA-2832
Metal or Mineral
Date Received 12/29/52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: H. H. H. INC. (Bear Pen Mine)
Route #1 - Box 368-A
Waynesville
North Carolina

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract

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

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

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

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

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

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

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

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

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

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

Defense Minerals Administration
DEC 29 1952

16—66551-1

5. *The exploration project.*—State the mineral or minerals for which you wish to explore .....

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☐ Money ☒ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated ....., 195...
17 December, 1952

H. R. H. INC. (Applicant)
By Vincent J. Holt
Vincent J. Holt, President

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

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

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(d) Not applicable.

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3.(a) 1- The legal description of the land involved in this exploration loan application is as follows:

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~~(Description outlined in red on attached plat of Watt Justice, Surveyor, dated Oct. 1951)~~

2 - The tract of land described in 3. (a) 1 - above is a portion of a 538 acre tract of land owned by H. R. H. Inc. known as Lickstone Lodge

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(d) Accessibility: This mine is easily accessible from Waynesville, N. C. To reach the mine from Waynesville the traveler would proceed West on Highway 19-23A from Waynesville toward Sylva to the Allens Creek road, a distance of approximately two miles from the center of Waynesville at the post-office and turn left on to the Allens Creek road, and would thence proceed a short distance to the Browning Branch road, thence proceed up the Browning Branch road to the Lickstone Ledge, a distance of one and a half miles. After entering the Lickstone Ledge property the traveler would take the left hand dirt road and follow it three-quarters of a mile to a road fork and then take the right hand road over the ridge into the Bear Pen Cove to the mine, a total distance from Waynesville to the mine of approximately four and one quarter miles. The Waynesville-Haselwood area is a shipping point, supply point, and residence point.

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6. (a) Independent Contracts:

10 hours of bulldozer work at $10.00 per hour	$100.00
Drilling a 7' x 7' x 100' shaft at $50. per foot	5000.00
Subtotal - - - -	$5100.00

Note: This includes all shaft work.

(b) (c) (e) (g) (h) All of these items are included in the $50.00 per foot estimate above.

H. R. H. Inc.
Route #1, Box 368-A
Waynesville, N. C.
Bear Pen Mine

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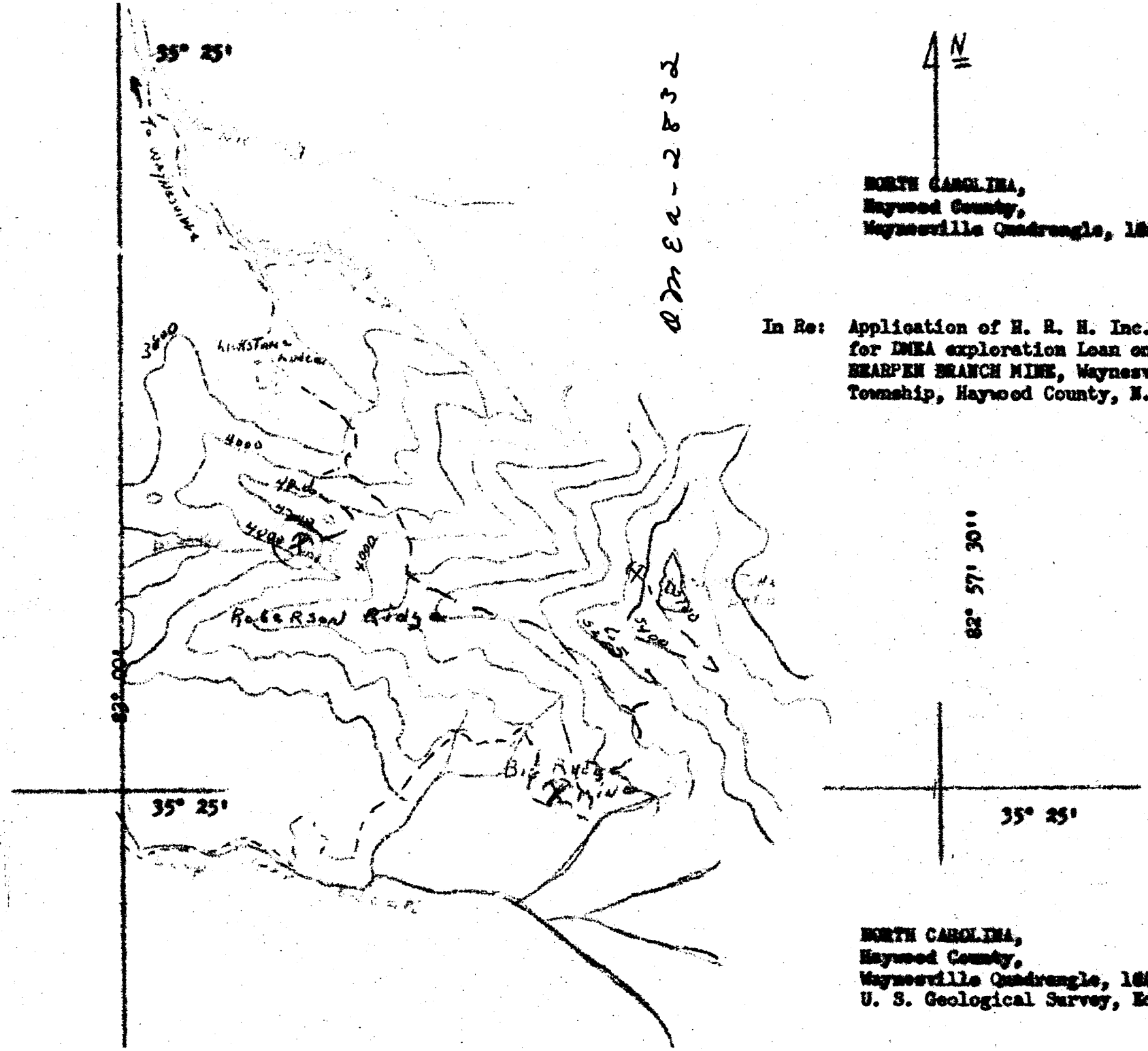
(f) New Buildings: It will be necessary to build a tool and compresser house of minimum size of 10' x 12' at an estimated cost of $200.00.

Summary of estimated costs:

Bulldozer work @ $10.00 per hour - - - - - - - - - -	$100.00
Drilling a 7' x 8' x 100' shaft at $50 per foot,-	5000.00
Tool and compressor shed or house - - - - - - -	200.00
TOTAL ESTIMATED COSTS - - - - - - - -	$5300.00

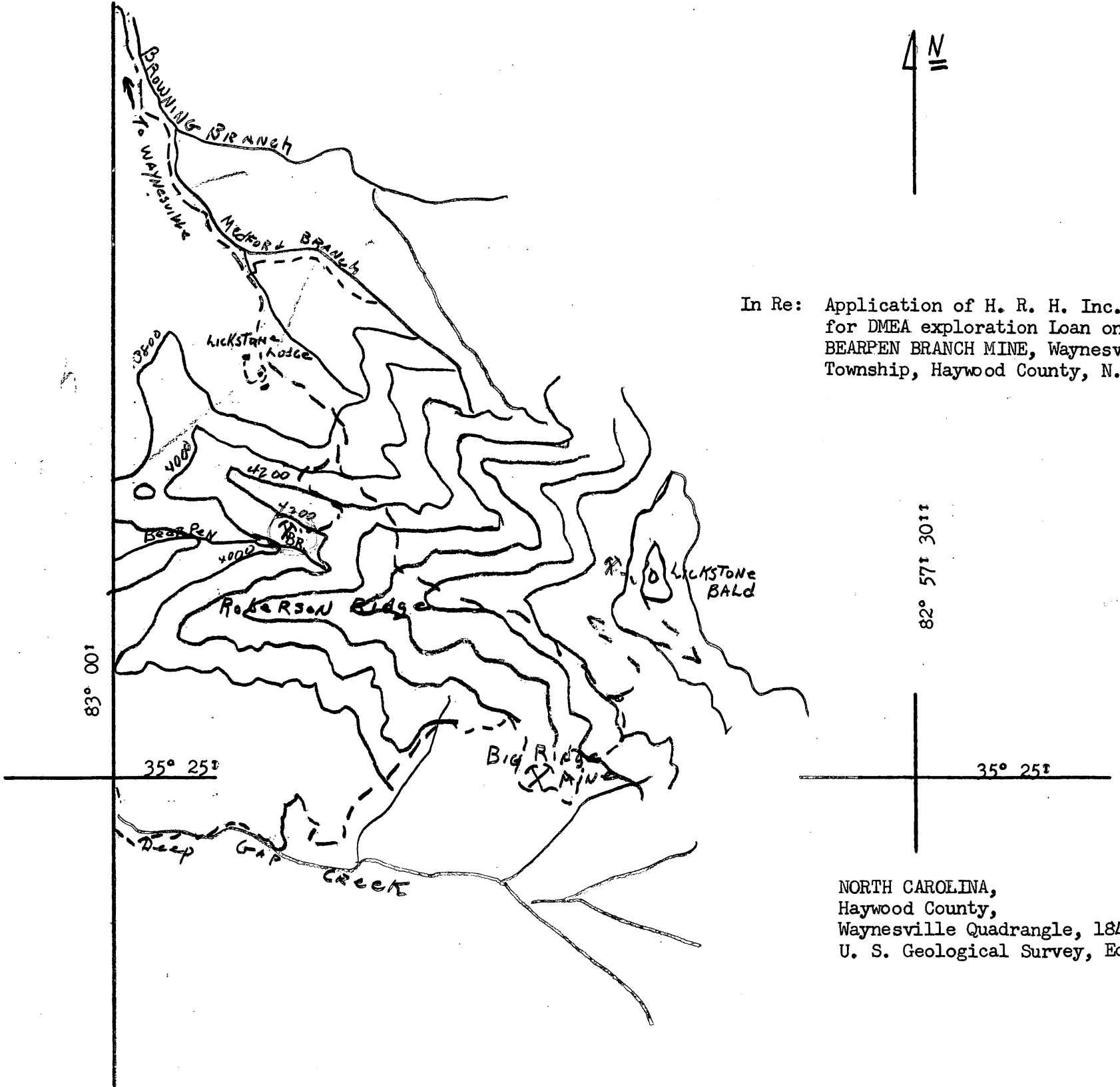
7. (a) Yes.
(b) The H. R. H. Inc. will furnish all equipment used in the operation. The use of equipment owned or rented by H. R. H. Inc. will furnish considerably more than its share of the cost. It is the intention of H. R. H. Inc. to sub-contract the actual drill work.



NORTH CAROLINA,
Haywood County,
Waynesville Quadrangle, 184- NW

In Re: Application of H. R. H. Inc. for DMEA exploration Loan on SHARPEN BRANCH MINE, Waynesville Township, Haywood County, N. C.

NORTH CAROLINA,
Haywood County,
Waynesville Quadrangle, 184- NW
U. S. Geological Survey, Ed. 1942



In Re: Application of H. R. H. Inc. for DMEA exploration Loan on BEARPEN BRANCH MINE, Waynesville Township, Haywood County, N. C.

NORTH CAROLINA,
Haywood County,
Waynesville Quadrangle, 184- NW
U. S. Geological Survey, Ed. 1942

DMEA-2532

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remove to Sheet Mieterneldorf
12/30/52

COLUMBIAN NATURAL CLASP NO. 97N

THE UNITED STATES ENVELOPE CO. SPRINGFIELD, MASS
10 X 13

~~WAYNESVILLE, N.C.~~

~~Defense Minerals Exploration Administration~~

~~Department of the Interior~~

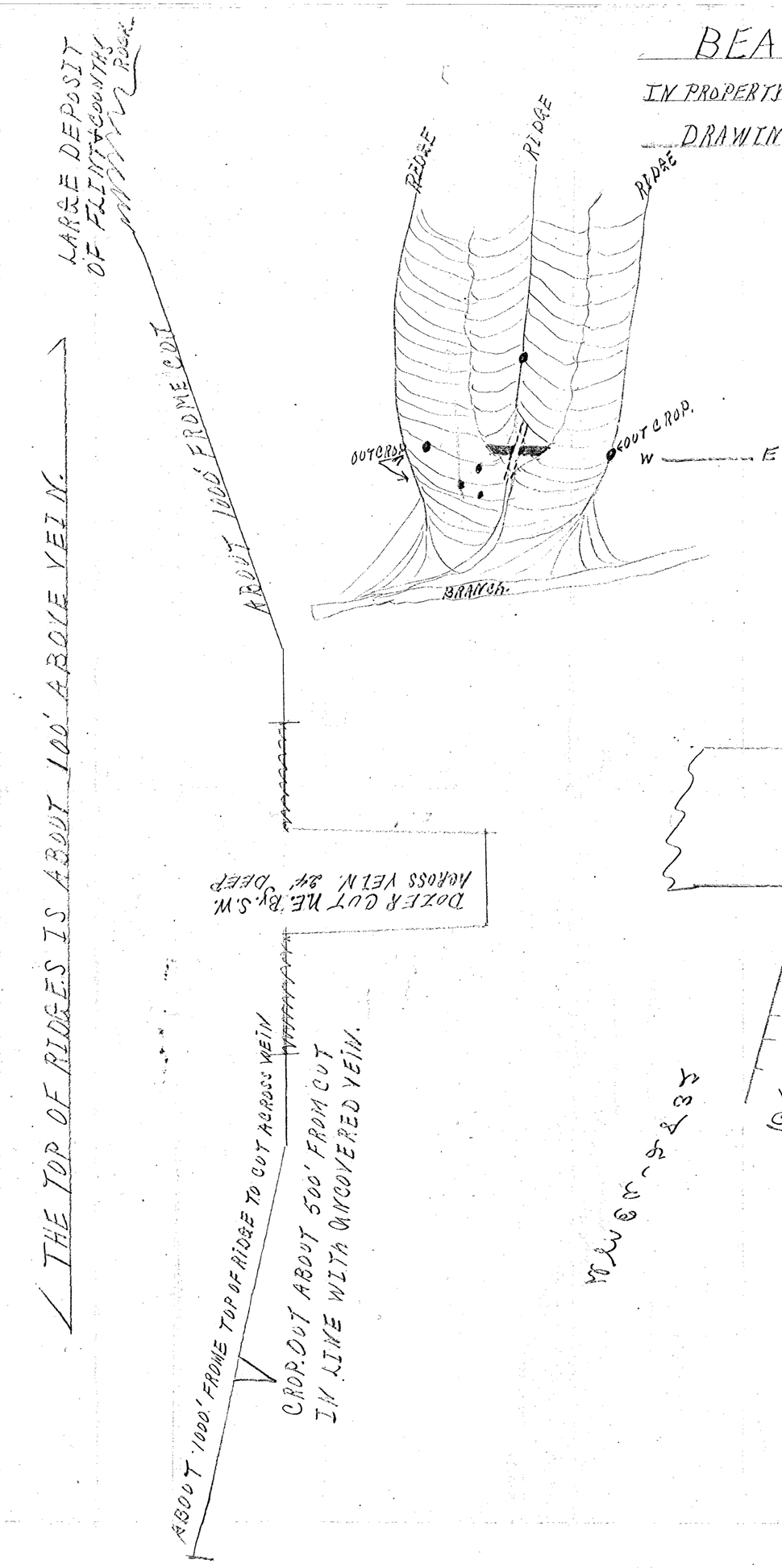
~~Washington 25, D.C.~~

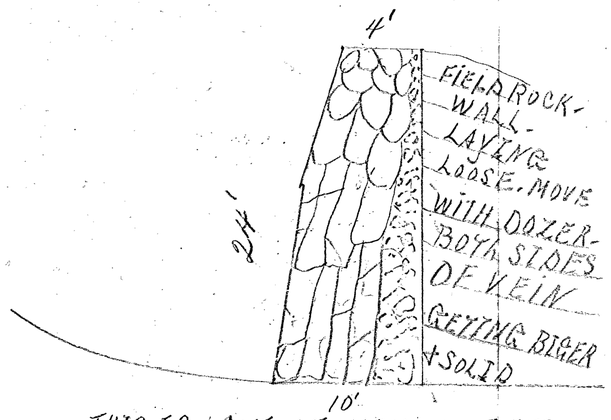
BEARS PEN MINE

IN PROPERTY KNOWN AS THE BEARS PEN

DRAWING OF WORKINGS. THIS IS RUBY MICA FREE OF MINERAL STAINE

ELIVATION APP 4000'





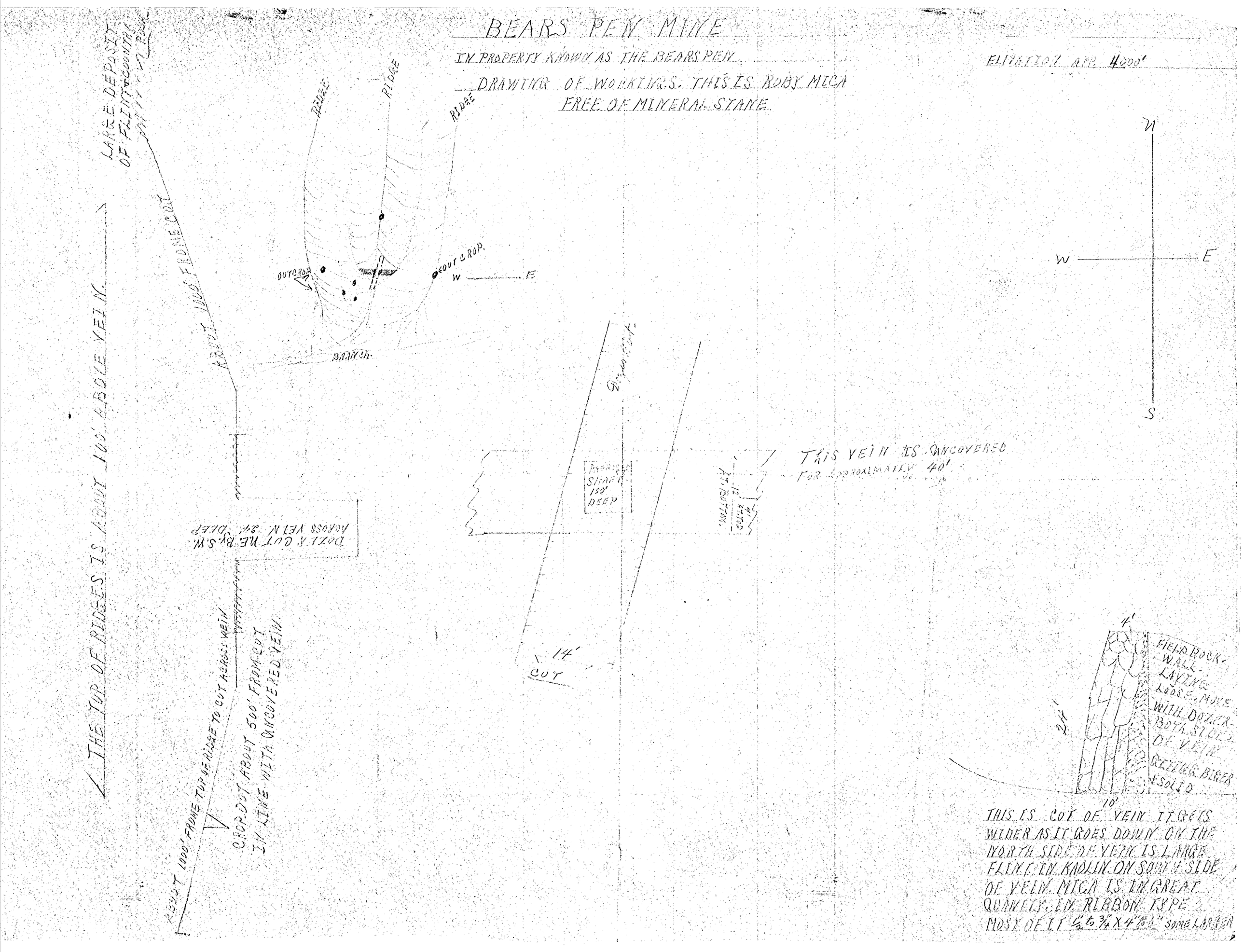
THIS IS CUT OF VEIN IT GETS WIDER AS IT GOES DOWN ON THE NORTH SIDE OF VEIN IS LARGE FLINT IN KAOLIN. ON SOUTH SIDE OF VEIN MICA IS IN GREAT QUANITY. IN RIBBON TYPE MOST OF IT 1/2 to 3/4 X 4" to 6" SOME LARGER

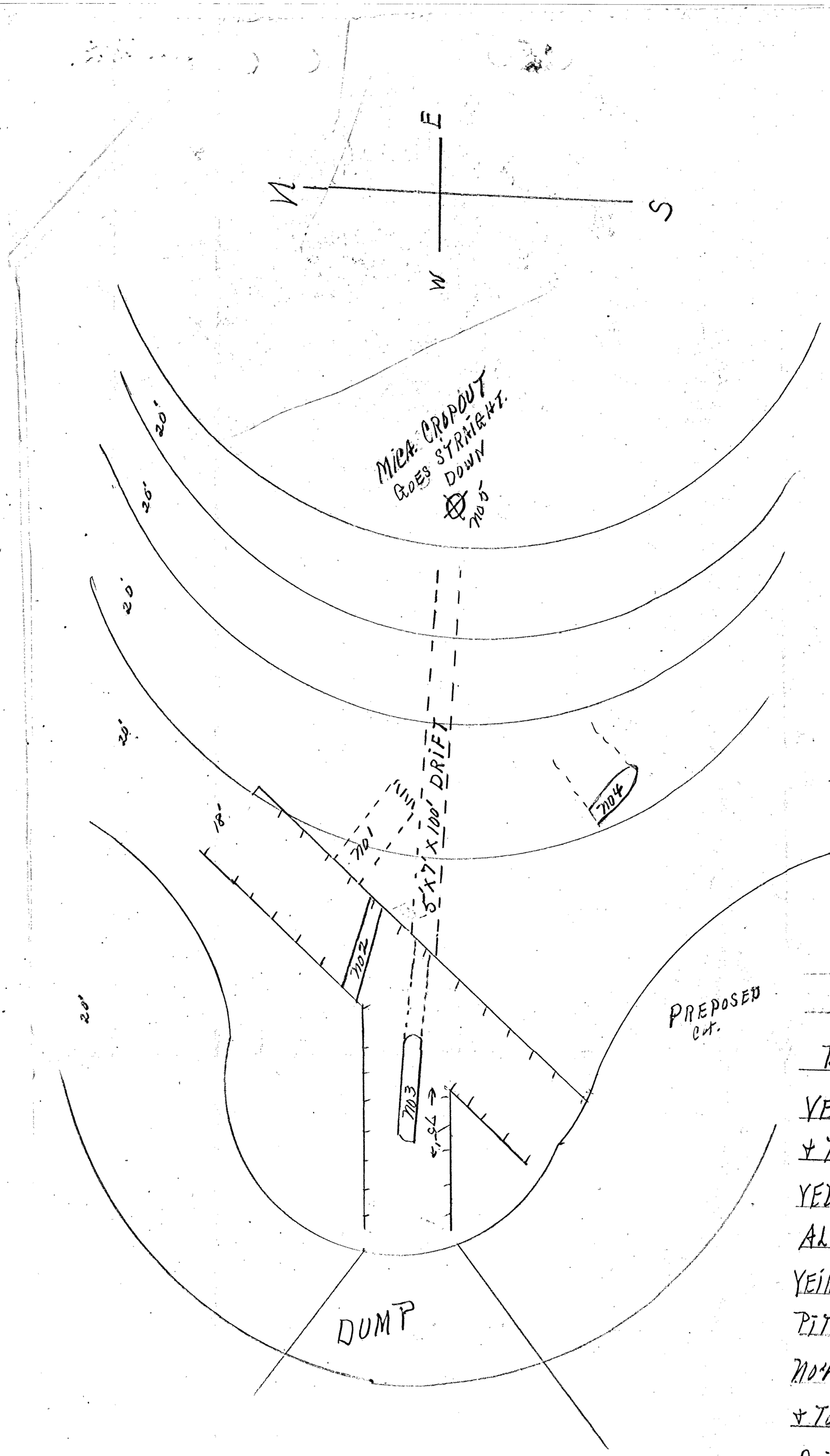
BEARS PEN MINE

IN PROPERTY KNOWN AS THE BEARS PEN

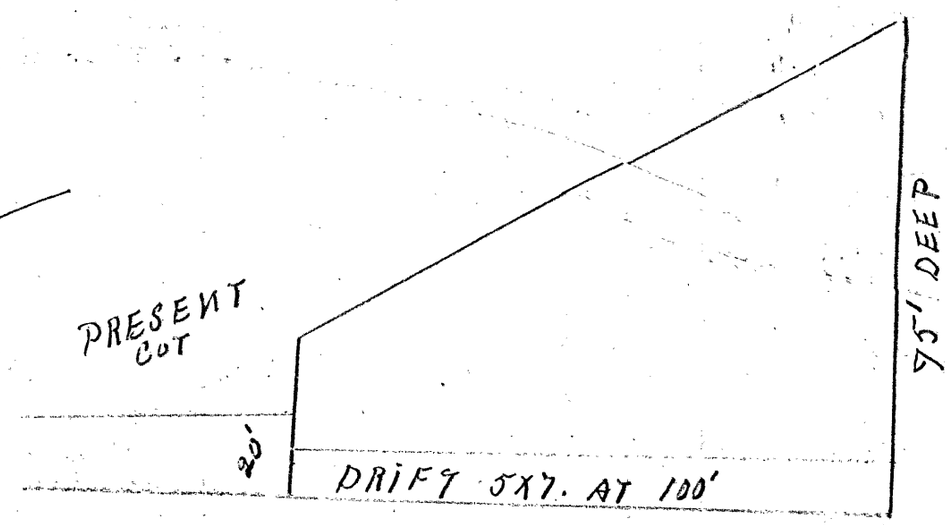
DRAWING OF WORKINGS. THIS IS ROBY MICA FREE OF MINERAL STAINE

ELEVATION APP. 4000'





H. R. H. INC.
LICKSTONE LODGE.



BEAR PEN MINE No. 2.

VEIN No. 1. 5' THICK. 12' W. 5' 12' PITCH DOWN + TOWARD. CENTER OF RIDGE

VEIN No 2. HAVE JUST HIT TOP. OF VEIN. ALSO ANGLES TOWARD CENTER OF RIDGE

VEIN. No. 3. HEADED STRAIGHT IN RIDGE PITCHES. DOWN. ABOUT 5°

No 4 IS SAME VEIN MATERIAL. DOWN + TOWARD. RIDGE. No 5. ON TOP OF RIDGE GOING DOWN. IN. No 1 + No 3. GOOD MICA. BUT NOT ENOUGH. TO PAY FOR. EXPLORATION

600'