DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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DMA Docket No. 6/22/53

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Exploration Assistance

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Copies to USGS, ~~USBM AND~~ Region VII

Routing Slip

To:	Code 600, Rm. 4637	Date	6/22/53
To:	Mr. Robertson	Date	6-23-53
To:	Open Corr	Date	7-17-53
To:	Code 600	Date	7-20-53
To:	Open Corr	Date	9-23-53
To:	Code 600	Date	9-24-53
To:		Date	
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CONTROLLED DOCUMENT

Master Copy

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT
DMEA-3087-OLD SHARR MINE

Rec'd in 5/4/54

AMENDMENT NO.1

Contract Docket No. DMEA-3087, Idm-E 610, dated September 24, 1953, between the United States of America and E. L.Poston and Jim Bradley, a partnership, Route 2, Canton, North Carolina, is hereby amended as follows:

1. Article 3 is amended to read.....;" and shall bring the project to completion within a period of eight (8) months from date of contract," instead of six months as written in original contract.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to pay, nor the amount of any item designated as 'allowable maximum.'

By E. L. Poston
E. L. Poston, partner

By Jim Bradley
Jim Bradley, partner

THE UNITED STATES OF AMERICA

By: W. A. Beck
Wm. A. Beck, Acting
Executive Officer, DMEA, Reg. VII

March 23, 1954

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 3087

COMMODITY Mica

Docket Copy
IDM-E 610

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

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 24th day of September, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] E. L. Poston and Jim Bradley (a partnership)
Route 2
Canton, N. C.

hereinafter called the "Operator," as follows: and as set forth in Annexes I and II and Map No. 2, attached hereto and made a part hereof

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

ARTICLE 2. *Operator's property rights.*—With respect to the mineral rights in that certain land situated in the State of North Carolina, County of Haywood, described as ~~xxxx~~[3] set forth in Annex I and Map No. 2 entitled Plat of Old Sharp Mine Tract, East Fork Township, Haywood County, N. C. - DMEA-3087.

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:

None

(*b*) ~~That the Operator is the owner, in possession and entitled to possession, and the Owner's Consent to Lien is attached.~~
The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for[5] 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 $2,943.00, which is 90 percent of $3,270.00 the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 9. *Changes and added provisions* .....

Executed in sextuplicate the day and year first above written.

E. L. Poston

E. L. Poston Partner

Jim Bradley

By Jim Bradley Partner

THE UNITED STATES OF AMERICA

By Frank E. Johnson

ACTING Administrator, Defense Minerals Exploration Administration

Burton Hoffland Houk 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
E. L. POSTON and JIM BRADLEY, PARTNERS
DOCKET NO. DMRA-3087

ANNEX I

The property referred to in Article 2 is known as the Old Sharp Mine and consists of a rectangular tract of land, 20 acres more or less, situated within the farm owned by Jim Bradley, Haywood County, North Carolina and described by metes and bounds as follows:

> Beginning at the center of Jim Bradley's reservoir, which supplies water to his house, and running thence S. 45 degrees E. 900 feet to a stake; thence S. 45 degrees W. 1000 feet to a stake; thence N. 45 degrees W. 900 feet to a stake; thence N. 45 degrees E. 1000 feet to the point of beginning.

ANNEX 11

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

If the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after a sufficient, complete, final report and final account referred to in the contract has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development. The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2, as follows: (1) Regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

EXPLORATION PROJECT CONTRACT
E. L. POSTON and JIM BRADLEY, PARTNERS
DOCKET NO. DMEA-3087

EXHIBIT "A"

Description of the Work

Approximately as indicated on the attached Map No. 1 entitled "Sketch of Old Sharp Mine, Haywood Co., N C. - DMEA-3087 (Mica)", a timbered shaft shall be sunk to a depth of approximately 30 feet; and from the shaft at this depth, there shall be driven not to exceed an aggregate of 50 feet of drifts and/or crosscuts to explore the mica-pegmatite.

The shaft, and the drifts or crosscuts, shall be not less than 5 feet by 7 feet in cross section.

To facilitate the work the following shall be performed:

(1) The mine site shall be prepared by cleaning out an entrance to the existing open-cut, and cleaning out and leveling off an area for a shaft collar.

(2) Construct a powder magazine.

(3) Construct a cap magazine.

The location, direction and extent of all work shall be subject to the approval of the Government.

Agreed Unit Costs

30 feet of shaft sinking @ $45.00/ft.	$1,350.00
50 feet of drifts and/or crosscuts @ $35.00/ft.	1,750.00
Preparation of mine site 1/	100.00
1 - Powder magazine 1/	50.00
1 - Cap magazine 1/	20.00
Total Agreed Unit Costs	$3,270.00
Government Participation 90%	$2,943.00

1/ The completed work constitutes the unit.

FILE COPY
Surname:

Hopkins
Talbert
Rufin
Hollund
Johnson

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

JUN - 4 1954

Messrs. E. L. Poston and
Jim Bradley
Route 2
Canton, North Carolina

Re: Docket No. DMEA-3087 - Mica
Old Sharp Mine
Haywood County, North Carolina
Contract No. Idm-R610

Gentlemen:

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

Total claimed for units of work performed	$3,270.00
Total Government contribution at 90 percent	$2,943.00

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

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

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

Sincerely yours,

C. O. Mittenderf (fw)

Administrator

JHopkins:ag 6/2/54
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3061
Mr. Larrabee, G-232 GSA Bldg.
Mr. Chambers
Mr. Houk

R.G.J.

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

June 3, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3087 (mica)

Contract Number: Idm-E 610

Applicant: E. L. Poston and Jim Bradley

Name and Location of Property: Old Sharp Mine
Haywood County, North Carolina

Date of Field Team Report: May 6, 1954

Date Rec'd. by Ceramic & Fertilizer Mtls. Br.: May 13, 1954

Field Team Recommendation:

1. No certification of discovery or development.

Comments:

1. Work on this project was in progress from November 5, 1953 to March 30, 1954.

2. Exploration was by sinking 30-foot shaft and drifting 23 feet.

3. Strategic mica was encountered in the first 8 feet of shaft and remainder of the mica was "burr mica." A total of $18.41 was obtained by selling some trimmed mica.

4. Expenditures -

Total approved	$3,370
Total cost	3,270
Gov't. share	2,943
Value	20

Recommendation:

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

W. F. Dietrich

W. F. Dietrich

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

Project Summary Report

By: James Hopkins June 1, 1954

1. DMEA Docket No. 3087 - Mica
Contract No. Idm-E610
Old Sharp Mine
Haywood County, North Carolina

Operators: E. L. Poston and Jim Bradley (Partnership)
Route 2
Canton, North Carolina

Operator's Property Rights: Owner
Old Sharp Tract, East Fork Township

2. Contract: dated September 24, 1953

Work authorized:

1.	Preparation of mine site	$ 100.00
2.	Construct powder magazine	50.00
3.	Construct cap magazine	20.00
4.	Shaft sinking 30 feet @ $45.00	1,350.00
5.	Drifting and/or crosscut 50 feet @ $35.00	1,750.00
	Total agreed unit cost	$3,270.00
	Government participation @ 90%	$2,943.00

Amendments:

No. 1 dated March 23, 1954, extends completion period from 6 to 8 months.

Work Completed:

1.	Preparation of mine site	$ 100.00
2.	Construct powder magazine	50.00
3.	Construct cap magazine	20.00
4.	Shaft sinking 30 feet @ $45.00	1,350.00
5.	Drifts and/or crosscuts 50 feet @ $35.00	1,750.00
	Total accepted cost	$3,270.00
	Government participation @ 90%	$2,943.00

Work began under the contract on November 5, 1953 and was completed on March 30, 1954. About 250 pounds of "mine-run" mica which yielded 3.31 pounds of trimmed mica and 20 pounds of punch valued at $18.41 was produced during the operation.

3. Audit: Report of Review dated April 26, 1954.

Total cost as billed by Contractor	$3,270.00
Exceptions	none
Total accepted cost	$3,270.00
Government participation @ 90%	$2,943.00

4. Certification: Certification of Discovery will not be issued. Reserves are negligible.

5. Comments:

This project was established to explore a pegmatite exposed in the old open cut workings of the Old Sharp Mine. The work consisted in sinking a shaft to a depth of 30 feet on the pegmatite. Drifts were driven from the 8-foot level and the 30-foot level.

A zoned pegmatite which thins rapidly with depth was exposed in the shaft and drifts at the shaft collar and at the 8-foot level the pegmatite is about 10 feet thick with a 5-foot core but at the 30-foot level it is only 2 1/2 feet thick with no quartz core.

Mica of strategic quality was obtained in the first 8 feet of the shaft and in the northwest drift of the 8-foot level. The remainder of the pegmatite explored contained only "burr mica."

The Field Team recommended that no certification of discovery should be issued nor is additional exploration warranted because only a small qualtity of strategic mica was discovered during the project.

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

IN REPLY REFER TO:

G-MD-CNM

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

Defense Minerals
MAY 12 1954

May 11, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3087 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: E. L. Poston and Jim Bradley.
Name of property: Old Sharp Mine.
Location of property: Haywood County, N. C.
Date of field team report: May 4, 1954.
Authorship of field team report: K. H. Teague, L. E. Shirley, and D. H. Amos.
Field team's recommendation:

Final Report

1. Termination.
2. No certification.
3. No additional exploration.

Comments: Only a small quantity of strategic mica was discovered. Sale value $18.41. No reserves.

ACTION RECOMMENDED: Follow field team's recommendation.

D. M. Larrabee

D. M. Larrabee

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
~~WASHINGTON, D.C.~~
Room 13, Post Office Building
Knoxville 2, Tennessee

COPY

May 6, 1954

Memorandum

To: Operating Committee - D M E A - Washington

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

Subject: Final Report, DMEA-3087, Idm-E 610 (mica) Old Sharp Mine, Haywood County, N. C. E. L. Poston & Jim Bradley, Operators

Enclosed are 4 copies each of the Operator's and Field Team final reports on the subject exploration contract.

As neither strategic nor non-strategic mica was discovered, we recommend that no certification of discovery should be issued.

/s/ Robert A. Laurence

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

RAL/zm
cc:
Beck
Lynch
Division Copy
Files

Reviewed by
DMEA OPERATING COMMITTEE
5-14-54
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT BY FIELD TEAM
REGION VII

On

DMEA-3087, OLD SHARP MINE
(mica)
Haywood County, N. C.

By

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

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

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

May 4, 1954

Reviewed by
DMEA OPERATING COMMITTEE
5-14-54
(date)

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT BY FIELD TEAM
On
DMEA-3087, Idm-E 610, OLD SHARP MINE
(Mica)

Operator: E. L. Poston and Jim Bradley, Route #2, Canton, North Carolina

The Old Sharp Mine is located 1.5 airline miles southeast of Cruso, Haywood County, North Carolina.

Work completed under the contract consisted of preparation of a shaft site, construction of a powder and cap magazine, sinking of a 30-foot vertical shaft, and driving 50 feet of drift. As only a small quantity of strategic mica was discovered during the project, no certification of discovery should be issued nor is additional exploration warranted.

Work began under the contract on November 5, 1953 and was completed on March 30, 1954. A 30-foot vertical shaft was sunk on the pegmatite. From the shaft bottom a total of 23 feet of drift were driven, 16.5 feet in a S. 30° E. direction and 6.5 feet in a N. 30° W. direction. As the pegmatite was thin and contained no strategic mica at this level, the shaft was bottomed at 8 feet and 30 feet of drift was driven; 15 feet in an S. 25° E. direction, 8 feet S. 70° E. and 7 feet N. 70° W. This 8-foot level is measured from the down-hill side which is some 30 feet lower than the up-hill face.

A zoned pegmatite which thins rapidly with depth was exposed in the shaft and lateral work. It strikes N. 30° W. and dips steeply northeast and is conformable to the strike of the foliation of the country rock, biotite gneiss, but crosscuts the dip. At the shaft collar and at the 8-foot level the pegmatite is about 10 feet thick with a 5-foot quartz core but ~~the~~ at the shaft bottom it is only 2 1/2 feet thick with no quartz core. It thins along the strike in both directions from the shaft bottom, being only about 1 foot thick in the headings of the drifts. The pegmatite consists of perthite, quartz, muscovite, pyrite and chalcopyrite. Mica of strategic quality was obtained in the first 8 feet of the shaft and in the northwest drift of the 8-foot level. The remainder of the pegmatite explored contained only "burr mica."

About 250 pounds of "mine-run" mica which yielded 3.31 pounds of trimmed mica and 20 pounds of punch was recovered during the project. The trimmed mica was sold to the Spruce Pine Mica depot for $18.41.

Reserves are negligible.

Reviewed by
DMEA OPERATING COMMITTEE

5-14-54
(date)

Expenditures:

(a)	Total approved	$3,370.00
(b)	Total cost of project	3,270.00
(c)	Government's share of cost	2,943.00
(d)	Government's share unexpended	None
(e)	Value of production during opr. about	20.00

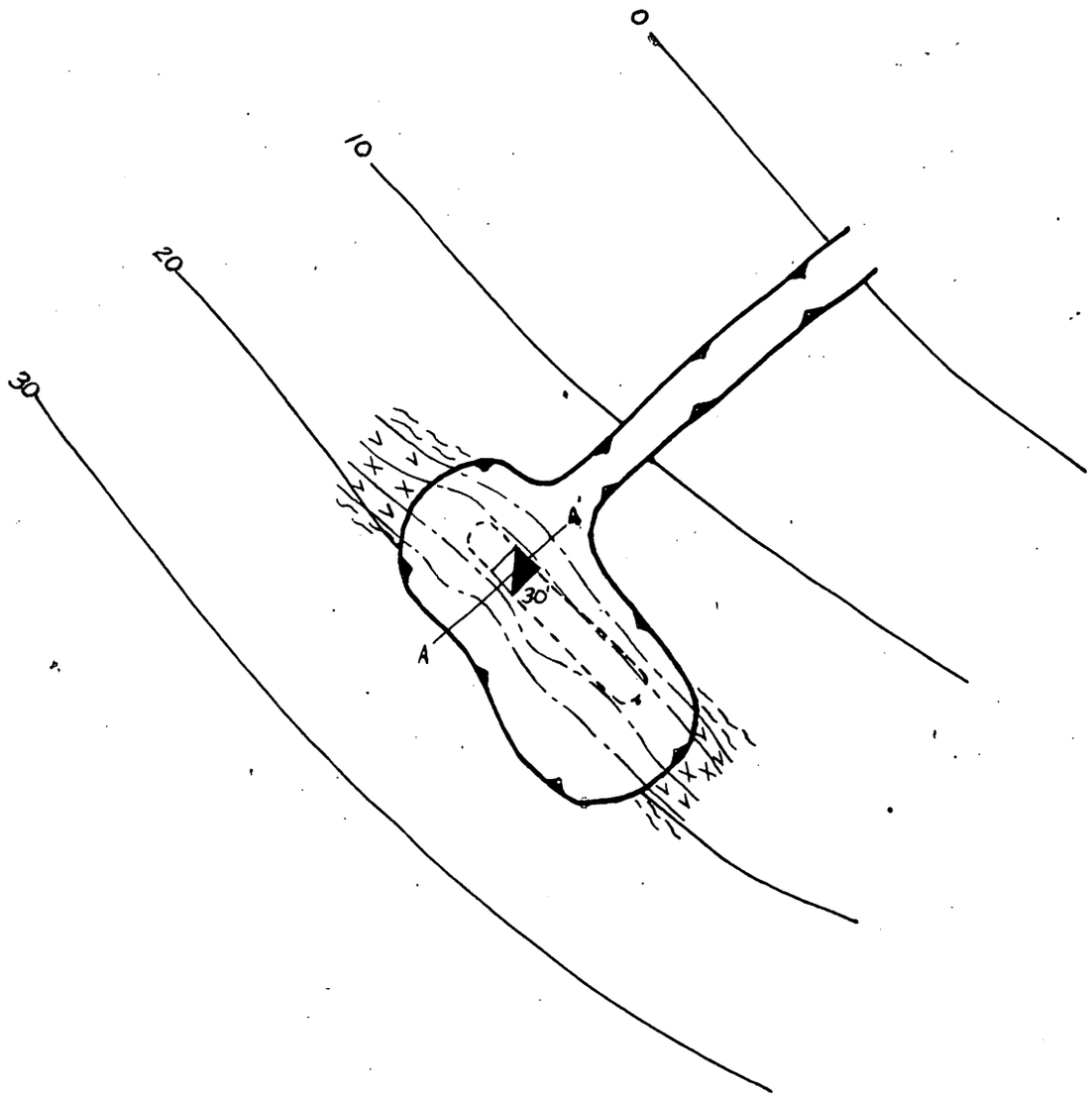
The work was conducted in an efficient and satisfactory manner. No equipment was purchased under the contract.

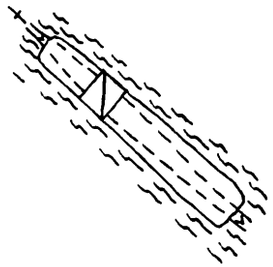
K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

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

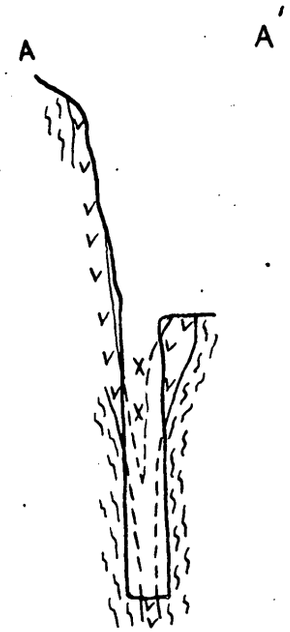
May 4, 1954

zm





PLAN 30' LEVEL



SECTION A-A'

PLAN 8' LEVEL

0 20' 40'

SCALE

OLD SHARP MINE

HAYWOOD CO., N.C.

DMEA-3087 (mica)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 3, 1310 OPPIDELDG.
KNOXVILLE 2, TENN.

May 6, 1954

Memorandum

To: Operating Committee - D M E A - Washington

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

Subject: Final Report, DMEA-3087, Idm-E 610 (mica) Old Sharp Mine, Haywood County, N. C. E. L. Poston & Jim Bradley, Operators

Enclosed are 4 copies each of the Operator's and Field Team final reports in the subject exploration contract.

As neither strategic nor non-strategic mica was discovered, we recommend that no certification of discovery should be issued.

Robert A. Laurence
Robert A. Laurence

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

Fin[redacted] Report
Sharp-Mine
April 6, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 10 1954

DMEA-3087
DM-E-610
mica

E. L. Pastor
Jim Bradley

First I had the mine site prepared by bulldozer. Then built a cap and powder magazine. I sunk a 6 by 8' shaft to a depth of 30'. From the bottom of shaft I drifted approximately south 16½'. I also drifted north 6½' at 30' level. At this time the field team decided to work back near top of shaft, because of the poor pegmatite.

At 8' level I drifted south 15', and ran out of pegmatite. Then north 7'. I also drifted south east 8' which showed plenty of pegmatite but no mica.

Total mica produced 250 lbs. Approximately 90% scrap. 3.31 lbs. sold, to Buying Depot at Spruce Pine, for $18.41. 20 lb. of punch on hand.

E. L. Pastor, Partner

Final Report
Sharp Mine
April 6, 1954

DMEli-3087
IDM-E-610
mica

E. L. Paston
Jim Bradly

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E. L. Paston, Partner

Final Report
Sharp Mine
April 6, 1954

DMEC-3087
DDM-E-610
Mica

E. L. Pastor
Jim Brodly

MAY 10 1954

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E. L. Pastor, Partner

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

April 27, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMEA-3087 - Mica
E. L. Poston and Jim Bradley
Old Sharp Mine
Haywood County, North Carolina
Contract No. Idm-E610

The Nonmetallic Minerals Division concurs in Amendment No. 1 as written and executed in the field. The date of completion of contract is extended to May 24, 1954. This amendment is justified because of a slow down in operations due to severe winter weather conditions.

W. C. Anderson per gad

W. C. Anderson
Nonmetallic Minerals Division

RECEIVED
APR 29 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

File Copy
Surname:

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

April 27, 1954

N.S. in R.R.

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMEA-3087 - Mica
E. L. Poston and Jim Bradley
Old Sharp Mine
Haywood County, North Carolina
Contract No. Idm-E610

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W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 4/27/54
Copy to: Admr. R. File
Docket File
Mr. Houk

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

April 15, 1954

Memorandum

To: Operating Committee, D M E A - Washington

From: Acting Executive Officer, DMEA - Region 7

Subject: Amendment No. 1, to DMEA-3087, Idm-E610, Poston & Bradley- N. C.

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

Wm. A. Beck

Wm. A. Beck

RECEIVED
APR 29 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

J-7

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

April 14, 1954

Mr. E. L. Poston
Route #2
Canton, North Carolina

Re: DMEA -3067, Idm-E 610 (mica)
Amendment No. 1

Dear Mr. Poston:

On March 29, 1954, we sent you six copies of Amendment No. 1 to the subject contract for signatures. To date these have not been received in this office. Please return them to us at your earliest convenience.

According to Article 5 (d) of your contract it is necessary that you submit an Operator's Final Report which we have not yet received. This report should summarize the work completed, giving a statement of the pounds of block mica recovered, and an estimate of the value when sheeted, also a record of any mica sales to the Buying Depot.

Very truly yours,

Wm. A. Beck, Acting

WAB/gm

cc: Lynch
Opr. Com.
Laurence

File Copy
Surname:
Anderson
Houk
Selfridge
Hedges
Larrabee

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

APR 12 1954

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

Subject: Docket No. DMEA-3087 — ~~Max~~
E. L. Foston and Jim ~~Trathey~~
Old Sharp Mine
Haywood County, North Carolina
Contract No. Idm-E6J.0

Dear Mr. Laurence:

Reference is made to the subject contract the completion date of which is March 24, 1954.

Will you please prepare and execute an amendment allowing a sufficient length of time to complete the work outlined under the contract, if warranted and you approve?

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:

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

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

WCAnderson:gad 4/8/54
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3061
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.G.

INTERIM REPORT

DMEA-3087 Idm-E610 (mica) OLD SHARP MINE

OPERATOR: E. L. Poston and Jim Bradley, Route #2, Canton, N. C.

LOCATION: L.5 airline miles southeast of Cruso, along the west side of a north flowing tributary of Hungry Creek, Haywood County, N. C.

All work as outlined under Exhibit "A" of this contract has been completed without making a sizeable discovery of strategic mica. A shaft was sunk to a total depth of 30 feet in pegmatite and turnoff was made to the southeast from the shaft bottom. A drift was driven for 16.5 feet in a S 30° E direction and work was stopped because of absence of pegmatite. Another short drift 6½' was driven to the northwest and work was stopped again because of diminishing pegmatite in that direction. The remainder of drift work was driven to the southeast and northwest from the 8 ft. shaft level and which totaled 31 feet. Work was stopped when pegmatite was lost in the headings. Two to three hundred pounds of block mica in small sizes was recovered from this work. The mica is badly cracked and bent and it is doubtful that any of it will sell for more than punch or scrap prices. The extent of the pegmatite has been proven along the strike at two different levels and no additional work is anticipated by the operator.

The operator cooperated fully with the examiners throughout the life of the contract.

L. E. Shirley

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

K.H. Teague - D. H. Amos

K. H. Teague & D. H. Amos, Geologist
U. S. Geological Survey

April 6, 1954

INTERIM REPORT

DMEA-3087 Idm-E610 (mica) OLD SHARP MINE

OPERATOR: E. L. Poston and Jim Bradley, Route #2, Canton, N. C.

LOCATION: 1.5 airline miles southeast of Cruso, along the west side of a north flowing tributary of Hungry Creek, Haywood County, N. C.

Drifting continues on this contract and now totals 38 feet. Work has been stopped on the present heading and a new drift will be started from the same level in the opposite direction immediately.

Recent work has consisted of driving a drift from the eight foot shaft level in a S 25° E direction for a distance of 15 feet. Examination disclosed the absence of pegmatite material in this direction and work was stopped. Material in the face consists of a biotite schist containing numerous granitic stringers. Directions were given for starting a new drift to the northwest in pegmatite composed of quartz, feldspar containing scattered blocks of muscovite mica. Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague

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

March 23, 1954

INTERIM REPORT

DMEA-3087 Idm-E610 (mica) OLD SHARP MINE

OPERATOR: E. L. Poston and Jim Bradley, Route #2, Canton, N. C.

LOCATION: 1.5 airline miles southeast of Cruso, along the west side of a north flowing tributary of Hungry Creek, Haywood County, N. C.

Drifting continues on this contract and now totals 35 feet. Present work is being conducted from the 8 foot shaft level and a drift, being driven S 25° E, has advanced 12 feet. Material encountered is pegmatite composed of quartz, feldspar containing sulphides, and small blocks of muscovite mica. It is estimated that about 200 lbs. of block mica has been recovered to date from total work accomplished. Most of the mica is badly bent and contains considerable stain.

Recent snows and freezing weather has set up dangerous ice conditions on the sheer walls of this big open cut in the vicinity of the shaft. It was suggested that this ice be scaled at intervals during the work day and as thawing begins in order to prevent an accident. Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague D. H. Amos

K. H. Teague & D. H. Amos, Geologists
U. S. Geological Survey

March 9, 1954

PROPERTY OF THE INTERIOR
Bureau of Mines Minerals
RECEIVED
JAN 1954

INTERIM REPORT

DMEA-3087 Idm-E610 (mica) OLD SHARP MINE

OPERATOR: E. L. Poston and Jim Bradley, Rt. #2, Canton, N. C.

LOCATION: 1.5 airline miles southeast of Cruso along the west side of a north flowing tributary of Hungry Creek, Haywood Co., N.C.

Drifting continues on this contract and is now at 16.5 feet, being driven to the southeast. The operator was advised to cease drifting in this direction and start a new drift on the same level to the northwest. Material encountered in the southeast drift has consisted of about equal amounts of pegmatite and country rock, a biotite gneiss. The pegmatite is composed of quartz, feldspar and scattered small blocks of muscovite mica. Secondary sulphides are not as abundant at this level as they were during shaft sinking. Most of the pegmatite can be observed in the roof. The drift floor and some wall section is biotite gneiss. On the basis of diminishing pegmatite to the southeast, the examiners are of the opinion that additional drifting should be accomplished to the northwest or at higher levels.

No additional ladder work has been accomplished and none is advisable until the new drift work has progressed some. A temporary handrail and a footwalk around to the accessible side of the shaft has been ppovided. Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague

K. H. Teague and Dewey Amos,
Geologists, U. S. Geological Survey

January 26, 1954

INTERIM REPORT

DMEA-3087 Idm-E610 (mica) OLD SHARP MINE

OPERATOR: E. L. Poston and Jim Bradley, Route #2, Canton, N. C.

LOCATION: 1.5 airline miles southeast of Cruso, along the west side of a north flowing tributary of Hungry Creek, Haywood County, North Carolina.

Shaft sinking has been completed on this contract and drifting is underway. The shaft was sunk for a total depth of 30 feet in pegmatite material and quartz with occasional biotite gneiss inclusions. Turnoff was made from the shaft bottom and a drift has been driven for 10.5 feet in a S 30° E direction. Material encountered during this footage was primarily quartz, feldspar, containing sulphides, and small muscovite mica. Country rock is evident on the northeast wall and a narrowing pegmatite body completes the drift cross section.

Very little timbering has been accomplished to date because of heavy shooting required for both sinking and drifting. Some recent ladder work has been completed and the operator was advised to provide a safe walkway, railing above the surface and to install ladders and landings as soon as possible. Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague

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

January 12, 1954

Minerals Administration
RECEIVED
DEC 31 1953

INTERIM REPORT

DMEA-3087 Idm-E610 (mica) OLD SHARP MINE

OPERATOR: E. L. Poston and Jim Bradley, Route 2, Canton, N. C.

LOCATION: 1.5 airline miles southeast of Cruso, along the west side of a north flowing tributory of Hungry Creek, Haywood County, N. C.

Shaft sinking continues on this contract and is now at 19 feet. The pegmatite and quartz core appears to be narrowing with depth and combined width does not exceed 4 feet. No change in the target is anticipated and sinking will continue to a total depth of 30 feet. Material encountered to date consists of massive quartz, feldspar, accessory garnet and secondary sulphides.

No timbering has been accomplished to date, but as soona as practicable a permanent separated manway and ladders will be installed. No cribbing will be necessary. The operator was advised to scale walls after shooting.

L. E. Shirley
L. E. Shirley, Mining Engineer
U. S. Bureau of Mines
K. H. Teague
K. H. Teague, Geologist
U. S. Geological Survey

December 16, 1953

INTERIM REPORT

DMEA-3087 Idm-E610 (mica) OLD SHARP MINE

OPERATOR: E. L. Poston and Jim Bradley, Route #2, Canton, N. C.

LOCATION: 1.5 airline miles southeast of Cruso, along the west side of a north flowing tributory of Hungry Creek, Haywood County, North Carolina.

Shaft sinking is underway on this contract and is now at 10 feet. The entire cross section of the shaft is in pegmatite material, which exhibits a quartz core flanked by feldspathic zones containing mica. Most of the mica recovered to date is stained and bent.

Recent construction has provided a retaining wall around the open cut at surface levels to keep loose material from endangering workers in the shaft. The operator was advised to provide safety hats for all workers. Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague

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

December 1, 1953

INTERIM REPORT

DMEA-3087 Idm-E610 (mica) OLD SHARP MINE

OPERATOR: E. L. Poston and Jim Bradley, Route #2, Canton, N. C.

LOCATION: 1.5 airline miles southeast of Cruso, along the west side of a north flowing tributory of Hungry Creek, Haywood County, North Carolina.

The starting date on this project is November 5, 1953. Preparation of mine site has been completed. A gasoline-powered hoist and air compressor are on the job. A hoisting frame, consisting of straight leg and boom pole, is being erected. Shaft sinking is expected to commence within the coming week.

L. E. Shirley

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

K. H. Teague

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

November 17, 1953

FILE COPY
SURNAME:

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

600

SEP 2 2 1953

Robertson
Houk
Chandler
Selfridge
Johnson

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

Subject: Docket No. DMEA-3087 - Mica
E. L. Poston and Jim Bradley
Old Sharp Mine
Haywood County, North Carolina

Dear Mr. Laurence:

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

If the contract meets with your approval present it to the Operators for approval and signature. Please explain to the Operators that the contract, when executed, is a firm commitment under the terms of which they are obligated to complete the work outlined at the agreed unit cost. If any part of this contract does not have either your approval or that of the Operators 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.

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

cac
9·24

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:

J. H. Hedges

Member, Bureau of Mines (JHH)

A. R. Kinkel, Jr.

Member, Geological Survey (ARK)

Enclosures 10

JTRobertson:gad 9/22/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg
Mr. Houk

K.C.B.
9-24-53

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

September 16, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3087, Mica, Old Sharp Mine, E. L. Poston and Jim Bradley, Yancey County, North Carolina

I concur in the field team's recommendation for an exploration program in the amount of $3,275.

W. F. Dietrich

W. F. Dietrich

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

IN REPLY REFER TO:
G-MD-CNM

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 16 1953

September 15, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3087 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: Donald A. Brobst, U. S. Geological Survey
Applicant: E. L. Poston and Jim Bradley, Rt. 2, Canton, N. C.
Name of property: Old Sharp Mine.
Location of property: 1.5 airline miles SE. of Cruso, along the west side of a north flowing tributary of Hungry Creek, Haywood County, North Carolina.
Date of field team report: August 19, 1953.
Authorship of field team report: K. H. Teague and L. E. Shirley.
Field team's recommendation:

1.	Sink 30' shaft at $45/ft.	$1,350.00
2.	Not over 50' of drifts from shaft at $35/ft.	1,750.00
3.	Preparation of mine site	100.00
4.	Powder magazine	50.00
5.	Cap magazine	25.00
	Estimated total cost	$3,275.00

Comments:

The field team found hard, clear and flat ruby mica in books 6" across in the present cut. The field team believes it is a fair possibility for discovery of a worthwhile deposit.

ACTION SUGGESTED:

Follow field team's recommendation.

Donald A. Brobst

Donald A. Brobst

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 4, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

September 4, 1953

Memorandum

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

From: Acting Executive Officer, DMEA - Region 7

Subject: Field Examination Reports.

Transmitted herewith are four copies each of the reports listed below. The Field team concurs in the recommendations set forth in the reports.

DMEA-3087, Old Sharp Mine (mica)

DMEA-3125, Banks Mine (mica)

DMEA-3130, Wellmon Mine (mica)

DMEA-3131, Old Shining Rock Mine (mica)

DMEA-3132, Hurst Mine (mica-beryl)

Six extra copies of the map are attached to each report.

Benjamin Gildersleeve
U. S. Geological Survey
Member Field Team

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

Reviewed by
DMEA OPERATING COMMITTEE
9-14-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

Docket No. DMEA-3087, OLD SHARP MINE (Mica)
Haywood County, North Carolina

By

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

—

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

August 19, 1953

Reviewed by
DMEA OPERATING COMMITTEE
9-14-53
(date)

Examination Report on

Docket No. DMEA-3087, Old Sharp Mine (mica)

Applicants: E. L. Poston and Jim Bradley
Route 2, Canton, North Carolina

This deposit has been worked only to a limited extent. Considerable pegmatite which contains mica of stockpiling grade is fairly well exposed. The possibilities for the discovery of a worthwhile deposit appear favorable; therefore, the examiners recommend that exploration assistance be granted.

The deposit was examined on August 10, 1953. Messrs. E. L. Poston and Jim Bradley accompanied the examiners on the inspection which required two hours.

The Old Sharp Mine is 1.5 airline miles southeast of Cruso, along the west side of a north flowing tributary of Hungry Creek, Haywood County, North Carolina. Access is good at all times.

Both of the applicants have had mica mining experience and appear to be competent to conduct the proposed project.

The area given in the legal description of the property is adequate for the project; however, after the calls of the area involved, the statement is made "* * * being three acres more or less." Actually, the area of the rectangle described contains in excess of 21 acres.

There are no surface facilities. The workings consist of an elliptical-shaped open cut 40 feet long, 15 feet wide, and 25 feet deep on the up-hill side. On the lower side a cut 5 feet wide and 45 feet long has been made into the cut. The bottom of the cut is about 6 feet lower than the cut.

A pegmatite about 10 feet thick, striking N. 40° W. and dipping steeply NE, is exposed in the open cut. It is conformable in strike, but crosscutting in dip to the foliation of the biotite gneiss country rock. Both are unweathered. The pegmatite contains a core of massive white quartz, with feldspathic pegmatite on both walls. The feldspar is of the the potash variety. Mica occurs in the quartz near the borders of the core and against both sides of the core.

The mica is hard, ruby colored, generally clear, relatively flat,and splits well. Both flat and "A" occur; however, the position of the two types in the pegmatite nor their relative abundance could not be determined. Mica books up to 6 inches across are at present exposed.

Whether or not past operations at this place have been successful is not known. Apparently some good mica was obtained. The examiners believe that there is a fair possibility for discovering a worthwhile deposit at this place.

The work should consist of cleaning out the entrance cut and preparing mine site, sinking a 30-foot shaft in bottom of existing open cut, and driving not more than 50 feet of drifts from shaft.

ESTIMATED COST:

Preparation of mine site	$100.00	
Powder magazine	50.00	
Cap magazine	25.00	
30 feet, 5'x 7' shaft @ $45/ft.	1,350.00	
50 feet drift @ $35/ft.	1,750.00	
Estimated Total Cost		$3,275.00

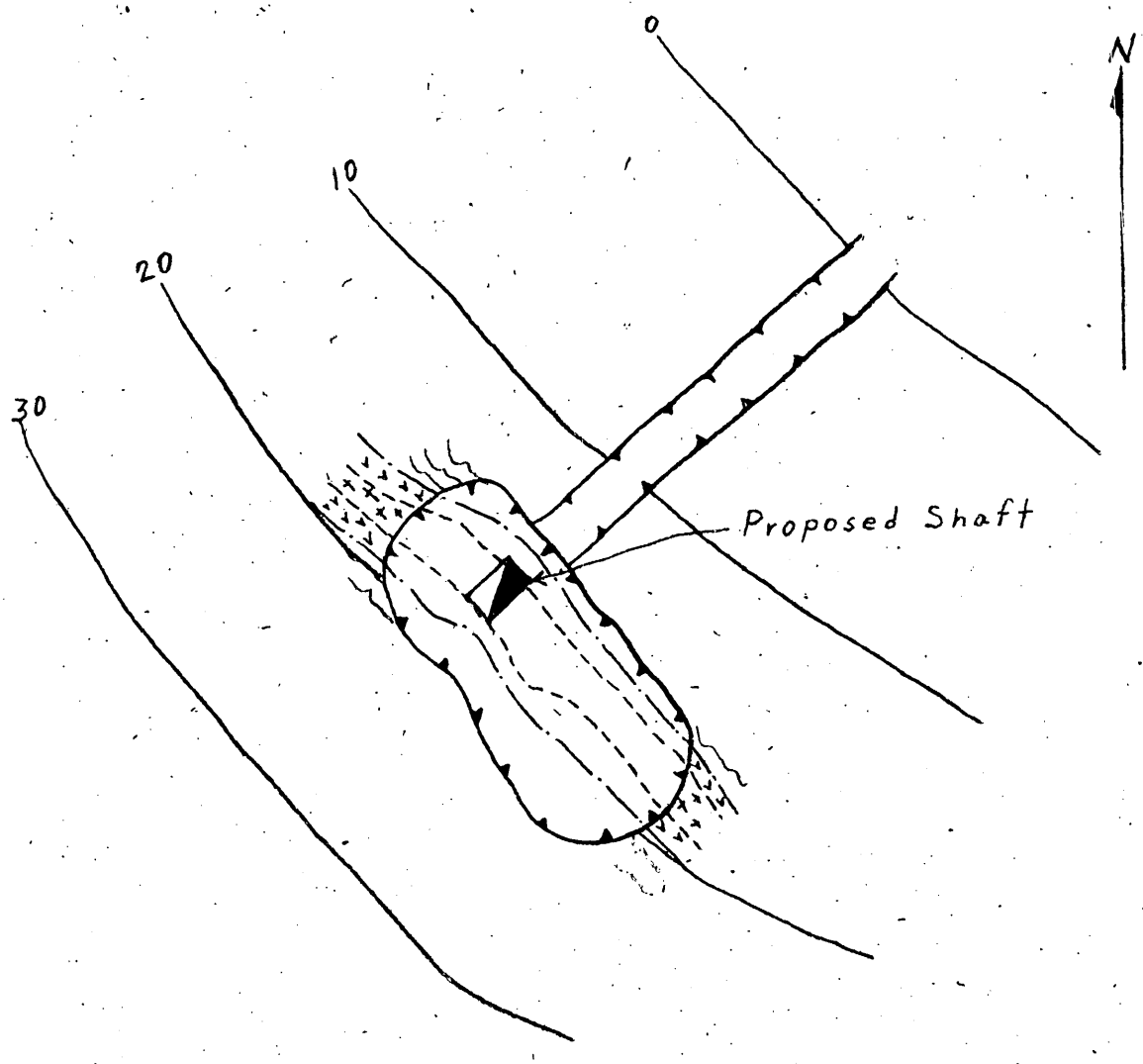
Estimated time required - 3 months

August 19, 1953

Kefton H. Teague, USGS

L. E. Shirley, USBM

mg



Sketch of
Old Sharp Mine
Haywood Co., N.C.

0 20' 40'
Scale

DMEA-3087 (mica)

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

September 4, 1953

Memorandum

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

From: Acting Executive Officer, DMEA - Region 7

Subject: Field Examination Reports.

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DMEA-3130, Wellmon Mine (mica)

DMEA-3131, Old Shining Rock Mine (mica)

DMEA-3132, Hurst Mine (mica-beryl)

Six extra copies of the map are attached to each report.

/s/ Benjamin Gildersleeve

Benjamin Gildersleeve
U. S. Geological Survey
Member Field Team

/s/ Wm. A. Beck

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

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

Docket No. DMEA-3087, OLD SHARP MINE (Mica)
Haywood County, North Carolina

By

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

—

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

August 19, 1953

Examination Report on

Docket No. DMEA-3087, Old Sharp Mine (mica)

Applicants: E. L. Poston and Jim Bradley
Route 2, Canton, North Carolina

9/23/53

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The area given in the legal description of the property is adequate for the project; however, after the calls of the area involved, the statement is made "* * * being three acres more or less." Actually, the area of the rectangle described contains in excess of 21 acres.

There are no surface facilities. The workings consist of an elliptical-shaped open cut 40 feet long, 15 feet wide, and 25 feet deep on the up-hill side. On the lower side a cut 5 feet wide and 45 feet long has been made into the cut. The bottom of the cut is about 6 feet lower than the cut.

A pegmatite about 10 feet thick, striking N. 40° W. and dipping steeply NE, is exposed in the open cut. It is conformable in strike, but crosscutting in dip to the foliation of the biotite gneiss country rock. Both are unweathered. The pegmatite contains a core of massive white quartz, with feldspathic pegmatite on both walls. The feldspar is of the the potash variety. Mica occurs in the quartz near the borders of the core and against both sides of the core.

The mica is hard, ruby colored, generally clear, relatively flat, and splits well. Both flat and "A" occur; however, the position of the two types in the pegmatite nor their relative abundance could not be determined. Mica books up to 6 inches across are at present exposed.

Whether or not past operations at this place have been successful is not known. Apparently some good mica was obtained. The examiners believe that there is a fair possibility for discovering a worthwhile deposit at this place.

The work should consist of cleaning out the entrance cut and preparing mine site, sinking a 30-foot shaft in bottom of existing open cut, and driving not more than 50 feet of drifts from shaft.

ESTIMATED COST:

Preparation of mine site	$100.00	
Powder magazine	50.00	
Cap magazine	25.00	
30 feet, 5'x 7' shaft @ $45/ft.	1,350.00	
50 feet drift @ $35/ft.	1,750.00	
Estimated Total Cost		$3,275.00

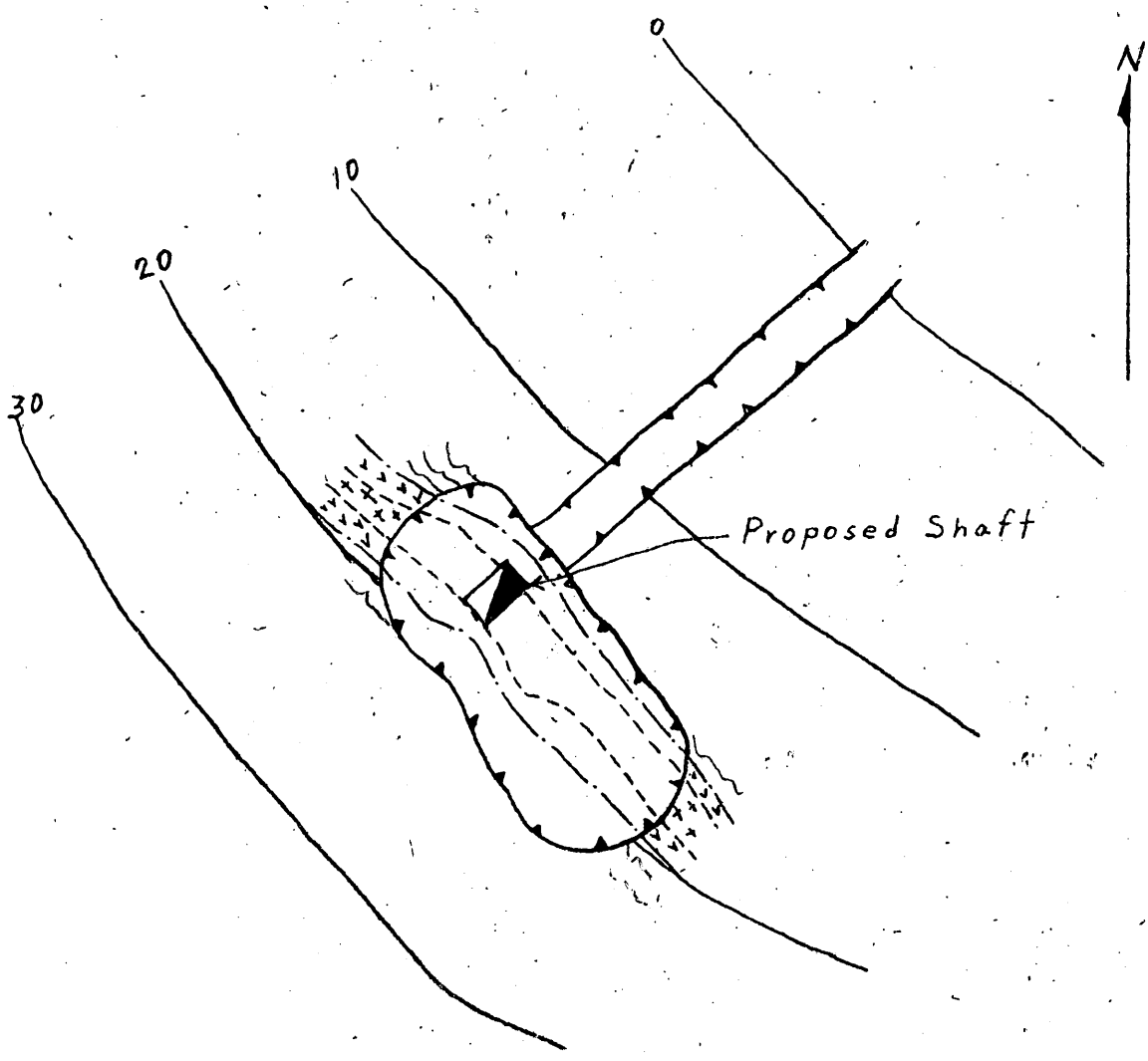
Estimated time required - 3 months

August 19, 1953

Kefton H. Teague, USGS

L. E. Shirley, USBM

mg



Sketch of
Old Sharp Mine
Haywood Co., N.C.

0 20' 40'
Scale

DMEA-3087 (mica)

FILE COPY
SURNAME:

Robertson
Houk
Hedges
Gilbridge
Gibbs

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

600

JUL 20 1953

Mr. E. L. Poston
Route #2
Canton, North Carolina

Re: Docket No. LMLn-3027 - Mica
Old Sharp Mine
Haywood County, North Carolina

Dear Mr. Poston:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for further consideration and possibly a field examination.

The Regional Office will contact you at an early date, if an examination is to be made. Any assistance that you may give the members of the field team during the examination will be appreciated.

Sincerely yours,

FRANK E. JOHNSON (B.S.H.)
ACTING Administrator

7-20-53

JTRobertson:gad 7/15/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

FILE COPY
SURNAME:

Robertson
Hedges
Johnson

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

JUL 20 1953

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

Subject: Docket No. DMEA-3087 - Mica
E. L. Poston and Jim Bradley
Old Sharp Mine
Haywood County, North Carolina

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it advisable.

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

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JHB)

Approved:

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

A. R. Kinkel, Jr.
Member, Geological Survey (JHB)

MDA 7-20-53

Enclosures 4

JTRobertson:gad 7/15/53
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.

July 9, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3087, Mica, Old Sharp Mine
Haywood Company, North Carolina

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

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

June 24, 1953

Memorandum

REVIEW OF APPLICATION DMEA-3087 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: E. L. Poston and Jim Bradley, Route 2, Canton, North Carolina.
Name of property: Old sharp mine.
Location of property: Haywood County, North Carolina
Summary of applicant's proposal:

1. Build 500' access road
2. Clean site for shaft.
3. Deepen present shaft 20'
4. Drift 50'

Cost $4,050

Source of information on applicant's property: None.
Comments:
This mine apparently was not worked during War II, at least we have no records of it.
RECOMMENDATION:
Refer to field team.

D. M. Larrabee

D. M. Larrabee

June 22, 1953

Mr. E. L. Poston
Route #2
Canton, N.C.

Subject: DMEA-3087
Re: Exploration Assistance
Old Sharp Mine

My dear Mr. Poston:

The receipt of your application dated June 18, 1953, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3087 and referred to the Nonmetallic Minerals Division.

Kindly refer to DMEA-3087 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

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

MF-103
ed 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 Administration

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

APR 22 1953

Not to be filled in by applicant

Docket No. DMEA-3087
Metal or Mineral
Date Received 6/22/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

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

E. L. Poston and
Jim Bradley
Route #2, Canton, N. C.

Old Sharp Mine
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 hich 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. nit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each t of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required mation, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. ply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration inistration, 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 which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is o 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 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 tion notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being ducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such rations. 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 sons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each ether 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 nts.

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

5. *The exploration proj*[illegible]—(*a*) State the mineral or minerals for whic[illegible]u 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 18th, 1953

E. L. Poston
(Applicant)

Finn Bradley
APPLICANT

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

E. L. Poston and
Jim Bradley - Canton, N. C.

Old Sharp Mine
Haywood County, N. C.

1. (a) E. L. Poston and Jim Bradley
Route 2 - Canton, N. C.
(b) Partnership
(c) Not applicable
(d) E. L. Poston and Jim Bradley
Route 2 - Canton, N. C.

2. Complied with.

3. (a) Description of property:

Lying and being on the waters of Hungary Creek in East Fork Township, Haywood County, N. C., and being upon the farm now owned by Jim Bradley and more particularly described as follows:

BEGINNING on the center of Jim Bradley's reservoir which supplies water to his home, and running thence parallel to and a few feet from Bradleys farm road 900 ft. S. E. (45°) to stake in north margin said road; thence running 1000 ft. S. W. (45°) to a stake, thence 900 ft. N. W. (45°) to a stake; thence 1000 ft. N. E. (45°) to the BEGINNING being three acres more or less.

(b) This mine was formerly known as the Old Sharp Mine.

(c) The interest of Mr. Jim Bradley in the land, who is a partner in this application, is that of owner in fee simple of theland upon which this mine is situated. In this connection his signature hereto is requested to be taken as such "Owner's Consent to lien" as may be deemed necessary for the purposes of this application and any exploration loan.

The interest of Mr. Poston is that of a partner with Mr. Bradley in the conduct of exploratory and mining operations. Mr. Poston will be primarily responsible for the actual conduct and supervision of the exploratory and mining operations.

(d) Not applicable.
(e) None
(f) Not applicable

4. (a) This mine was first worked around fifty years ago. About thirty years ago a Mr. Peacock worked the dump; he had gone so far as to purchase a compressor and begin work on the actual mine itself before being taken sick and dying. Since then very little work has been done. The present owner and applicants have recently removed samples and presented it to the mica depot at Spruce Pine. Attached hereto is copy of a letter report from Mr. Flynt on the sample taken from this mine. Formerly there was a mica house at this site which has rotted down and has been removed. The existing mine workings consist of an oblong cut in the side of the hill running north and south 20 ft. and east and west 10 ft. The depth of the steep or rear wall is 20 ft. and the depth of the front or forward wall of the cut is 5 ft. There is a trench through the forward wall eastward out on to the slope of the hill to the old dump. Interest of applicants is in exploration and development of a mine producing mica of strategic quality.

E. L. Poston and
Jim Bradley - Canton, N. C.

Old Sharp Mine
Haywood County, N. C.

For examination purposes this mine is easily accessible from all weather roads.

(b) Although it is now not possible to determine the exact quantity of mica formerly produced in this mine it is generally known in the neighborhood among the elder residents that tons of mica were hauled by wagon to Asheville fifty years ago and that Mr. Peacock profitably worked the mine some thirty years ago commencing with reworking the old dump. As has been already stated, there was once a mica ~~mine~~ house on this location.

(c) The shaft of this mine is in the vein with vein material showing all around. The vein does not appear to have moved; that is, it does not appear that there has been any slippage in the old site. Ruby mica in small books is showing all around. Attached is a sketch giving graphic picture of present working. Applicants believe that this is a good mine and that with help in prospecting it can be developed into a producer. Report of Mr. Flynt at Spruce Pine, Purchasing Agent of the General Services Administration, regarding samples removed recently from this mine is attached.

(d) Although approximately 500 ft. of road must be constructed to enable owner and applicants to move necessary equipment and supplies into the mine proper; that amount of road will be all that is necessary to connect this project with an all weather road. Consequently this mine is easily accessible from Canton, N. C. over highways Nos. 110 - 276. The site of this mine is approximately 12 miles from Canton, N. C., traveling as follows: From Canton follow North Carolina state highway 110 to Woodrow. From Woodrow follow U. S. highway 276 south toward Brevard to the Hungary Creek Road; thence crossing the East fork of Pigeon River travel up the Hungary Creek Road to the intersection of the Jim Bradley farm road and the Hungary Creek Road; thence turning left into the Jim Bradley farm until you arrive at the Jim Bradley house. The mine is approximately 1500 ft. from the Jim Bradley house and about 200 ft. straight up the hillside from a farm road which passes the Jim Bradley reservoir. See attached sketch showing description of property. Canton, N. C. would be a shipping and supply point. Residence points would be Cruso, N. C., a distance of approximately a mile.

(e) Manpower, materials, supplies, equipment, water, and gasoline and electrical power are easily and readily available within the Cruso area in ample and sufficient quantities. Although operators are using gasoline powered machinery, it is worth note that this project is within a short distance of a three phase electrical power line operated by REA. Gravity water supply is available to the mine. While there is a small amount of seepage in the mine ~~as~~ in the present working, applicants do not deem it sufficient to require the use of a pump although such necessity may later develop as the shaft is driven downward.

5. (a) Ruby mica of strategic quality.

(b) Applicants propose first to shoot down the walls and to trench out through the dump in order to eliminate any overhang over the shaft and to facilitate removal of waste product to dump. Secondly applicant proposes to drive the present shaft deeper until the bottom of the present vein material is reached; thence by means of drift, ~~to~~ follow the true run and pitch of the vein. Shaft work is needed first to get to the bottom of present vein material before attempting to drift with the run of the vein.

E. L. Poston and
Jim Bradley - Canton, N. C.

Old Sharp Mine
Haywood County, N. C.

(c) Work will start within 60 days and be completed within 12 months from the date of exploration project contract.

(d) Mr. E. L. Poston, one of applicants herein, has just completed supervision of DMEA contract #2561. Cross reference is made to that project.

Mr. Jim Bradley has had years of experience in supervising construction work on highways, roads, and projects including experience in drilling and blasting work, the operation of heavy equipment, and hoists, and has had considerable experience in recent years as a lumberman essentially in connection with the cutting and hauling of big timber on the West coast.

Applicants will conduct and supervise operation.

6. Estimate of Costs: Stage 1:

1 - Road work: Construction of 400 to 500 ft. of road - 10 hrs. bulldozer work - $100.00.

2 - Front wall of the opening to mine needs to come off and the old dump will have to be moved or pushed down to a lower level for proper drainage in addition to facing off of the old mine and moving dump out of the way; although some blasting will be necessary it can be done by bulldozer, the estimated time and expense of which would be 60 hours bulldozer work at $10.00 per hour, or $600.00.

The removal of a 3 ft. by 6 ft. by 20 ft. rock wall at a cost of $1.25 per cubic foot, or $450.00, will also be necessary.

3 - Construction of a 7 by 7 by 20 ft. shaft to reach the bottom of the vein estimated at $45.00 per lineal foot, or $900.00.

NOTE:

The completion of the operations above would complete Stage 1.

Stage 2: Would consist of drifting 50 ft. with the vein at an estimated cost of $40.00 per foot, drift to be 5 by 7 by 50 ft., or if the run of the vein so indicated that it would be more reasible to do so, then a 7 by 7 by 50 ft. shaft would be run with the vein which it is estimated could be done at $45.00 per lineal foot or at a cost of $2250.00. This latter is an alternative which would be optional and dependent upon determination of the true course and pitch of the vein.

NOTE: All costs are included in the estimate above given.

Summary of Estimated Costs:

1. (a)	Bulldozer road work	$ 100.00
(b)	Facing off and moving dump	600.00
2.	Shooting down 3 x 6 x 20 ft. wall	450.00
3.	Shaft 7 x 7 x 20	900.00
4.	Drift 7 x 5 x 50	2000.00
	Total estimated cost -	$4050.00

E. L. Poston and
Jim Bradley - Canton, N. C.

Old Sharp Mine
Haywood County, N. C.

NOTE: If instead of the drift mentioned in #4 above a 50 ft. shaft is driven as an alternative following the vein, then the total costs estimated above would be increased by $250.00, it being estimated that such a shaft would cost approximately $2250.00. ($45.00 per lineal foot), making the above total costs $4300.00 instead of $4050.00.

7. (a) Yes.
(b) Our personal services and labor equal in vlaue to $600.00 per month plus the use of a truck - the use of which on basis of depreciation would equal $100.00 per month, during time which actual exploration project was in operation.

C O P Y

GENERAL SERVICES ADMINISTRATION

Spruce Pine, North Carolina

June 1, 1953

Mr. Robert A. Laurence
Executive Officer
DMEA, Region 7
Room 13, Post Office Building
Knoxville 2, Tennessee

Dear Mr. Laurence:

I am in receipt of sample of mica submitted by Mr. E. L. Poston, Route 2, Canton, North Carolina. This mica is from the Old Sharp Mine on Jim Bradley 's property near Canton, North Carolina.

We are pleased to advise that this mica is of ruby variety and with proper preparation will be accepted on the present government mica purchasing program.

Yours very truly,

W. S. Flynt, Superintendent
Spruce Pine Mica Depot

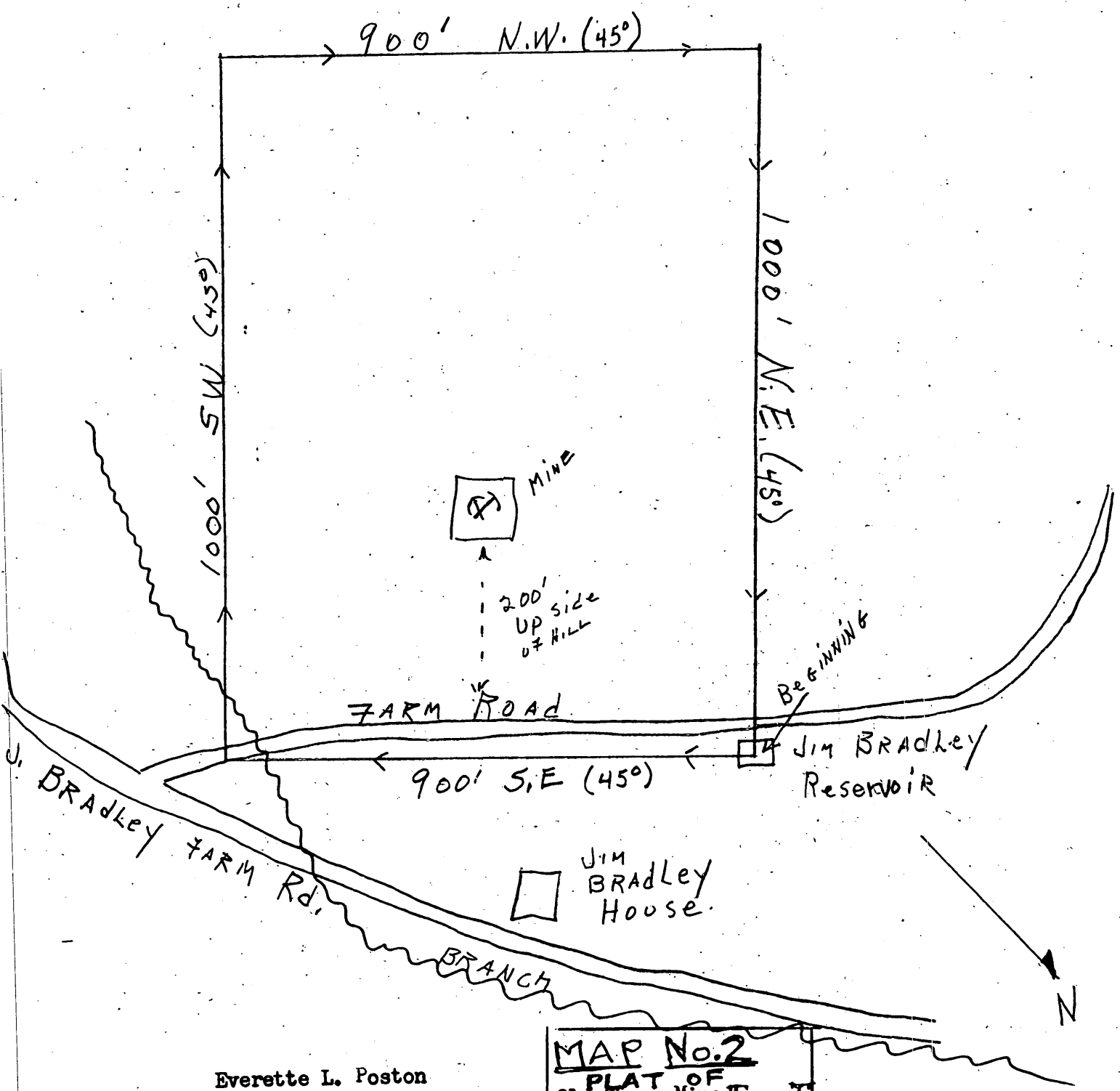
cc: Mr. E. L. Poston

OFFICIAL BUSINESS

2908 Colfax Ave. S.
Minneapolis, Minn.

Operating Committee
Defense Minerals Exploration Administration
Interior Building
Washington 25, D. C.

FIRST CLASS MAIL



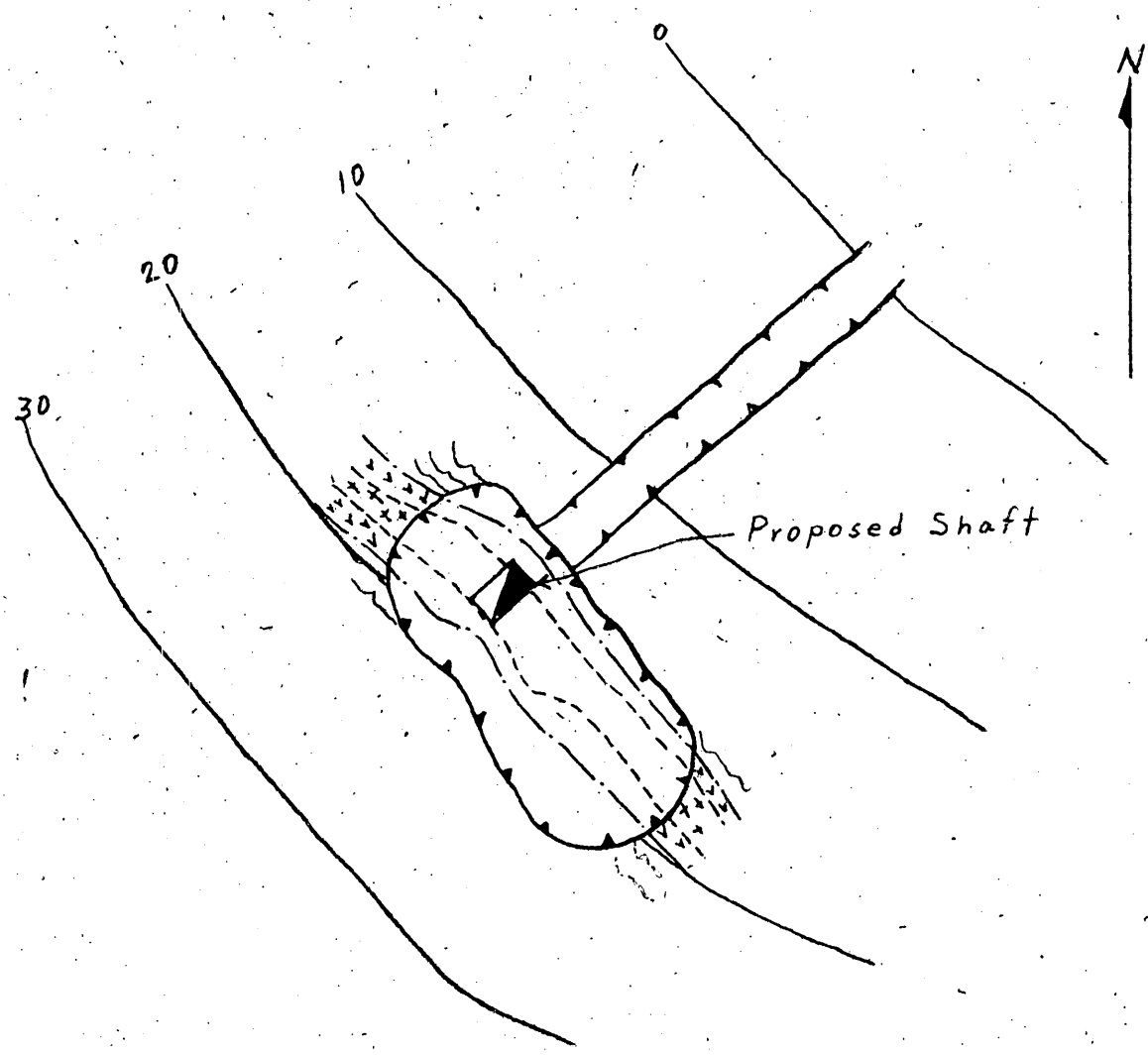
MAP No. 2
PLAT OF
Old Sharp Mine Tract
East Fork Township,
Haywood County, N. C.

Everette L. Poston
and
Jim Bradley,

Route 2, Canton, N. C.
(Haywood County, N. C.)

SKETCH of location, showing description of property involved. See Item 3-(a) of Application for Mica Loan.

DMEA-3087



MAP No. 1

Sketch of

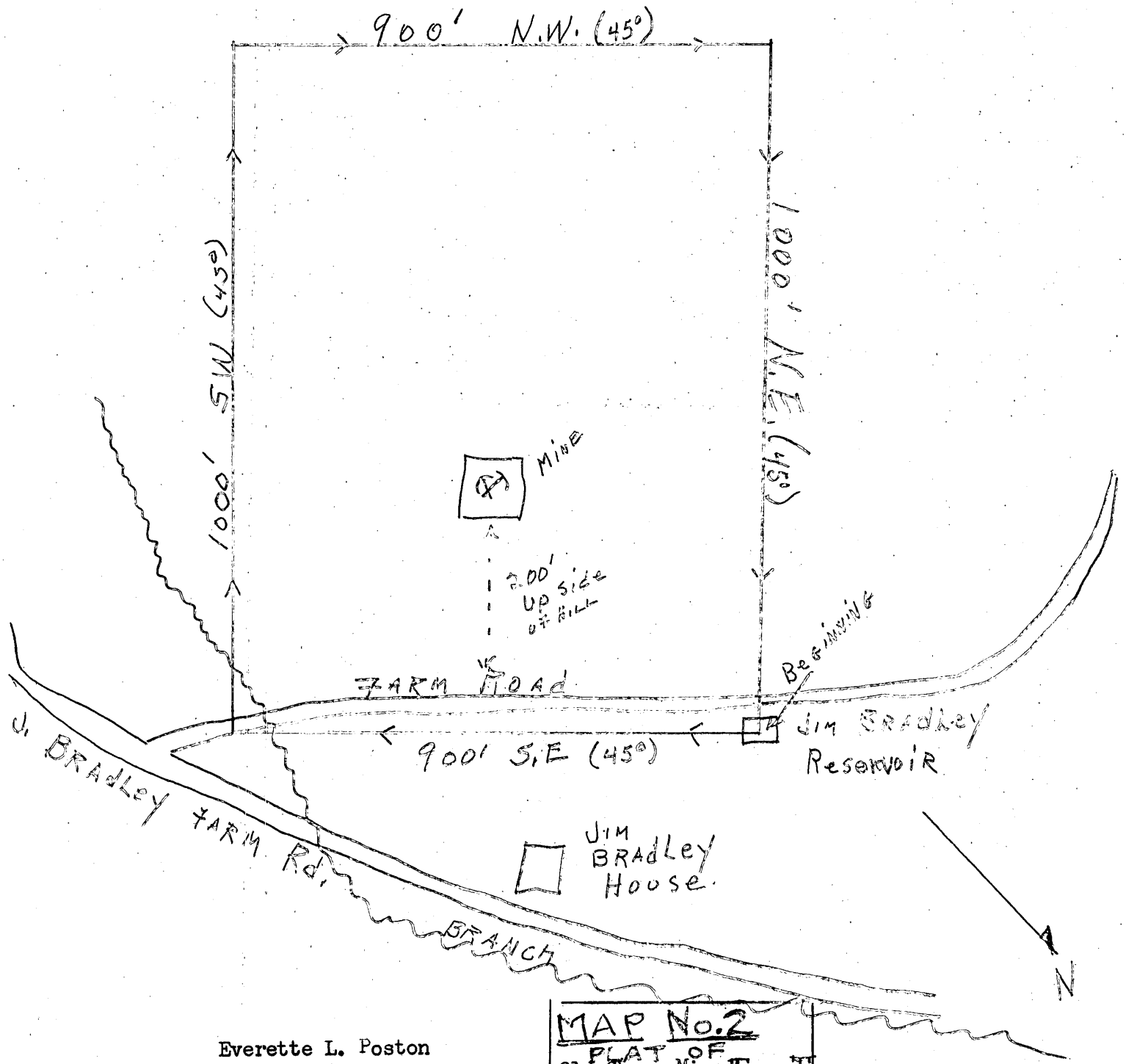
Old Sharp Mine

Haywood Co., N.C.

0 20' 40'

Scale

DMEA-3087 (mica)



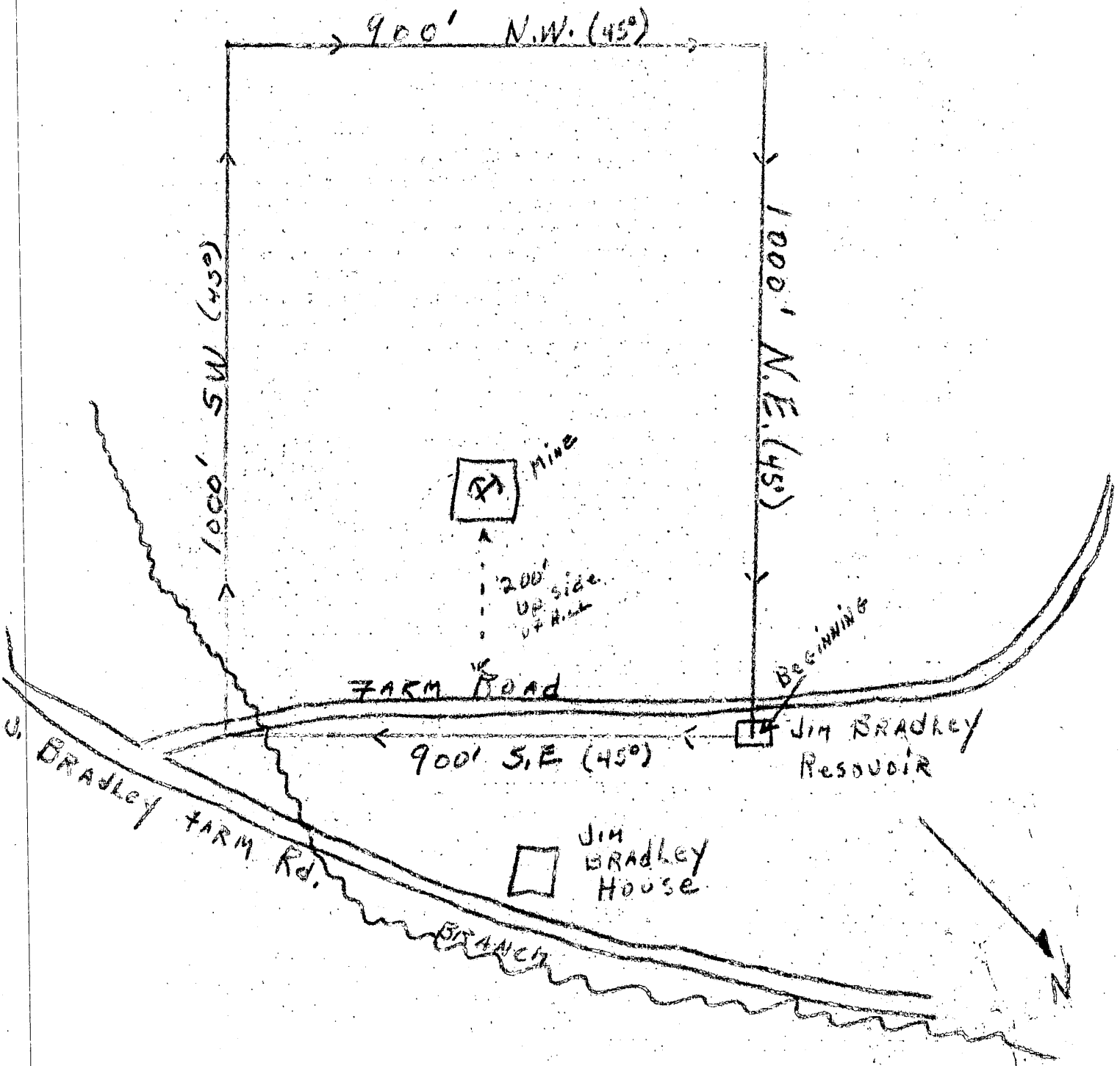
Everette L. Poston
and
Jim Bradley,

Route 2, Canton, N. C.
(Haywood County, N. C.)

MAP No.2
PLAT OF
Old Sharp Mine Tract
East Fork Township,
Haywood County, N. C.

SKETCH of location, showing description of property involved. See Item 3-(a) of Application for Mica Loan.

DMEA-3087



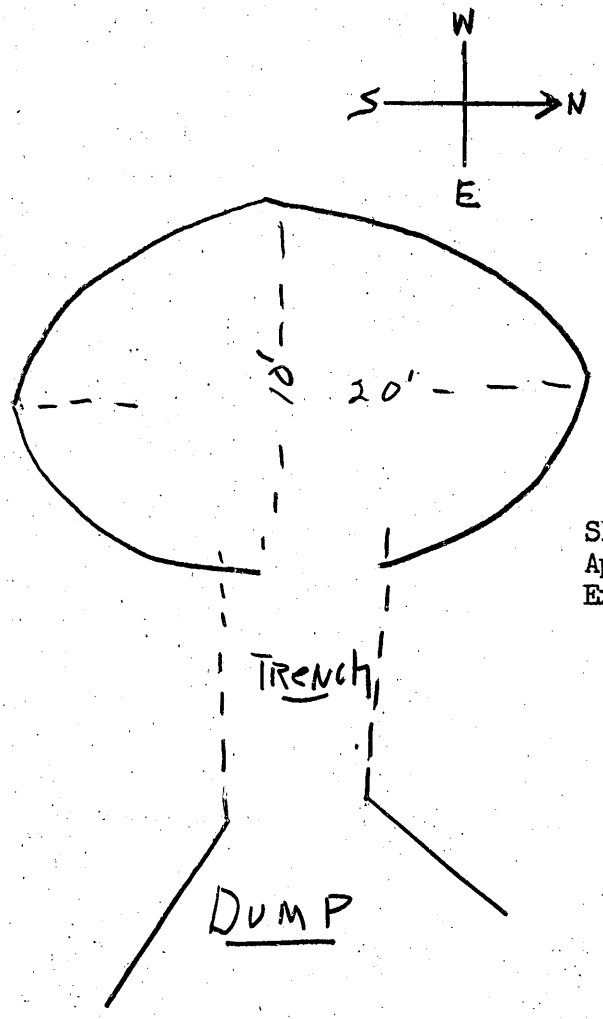
Everette L. Poston
and
Jim Bradley,

Route 2, Canton, N. C.
(Haywood County, N. C.)

Old Sharp Mine
East Fork Township,
Haywood County, N. C.

DMEA - 3087

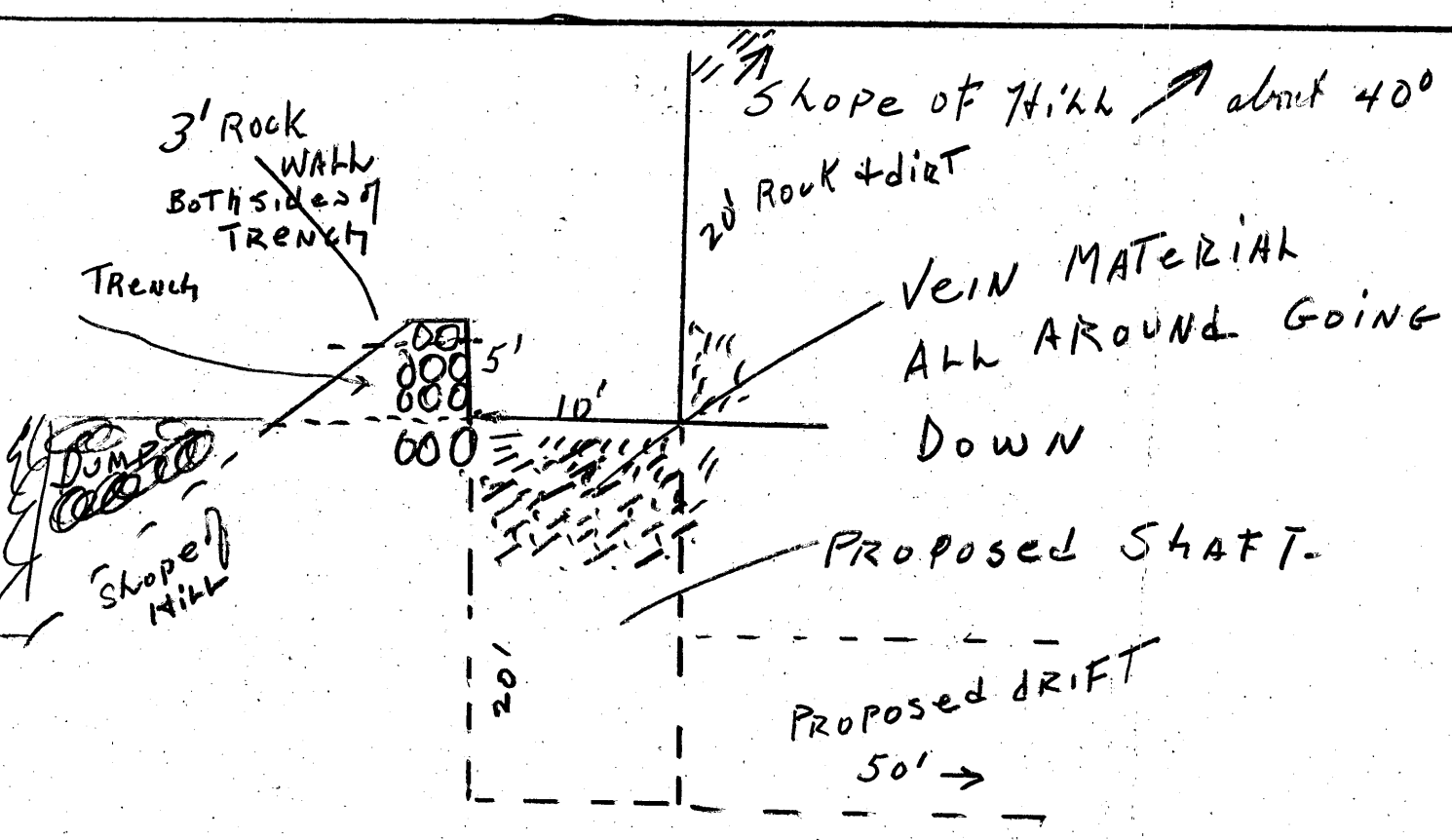
SKETCH of location, showing description of property involved. See Item 3-(a) of Application for Mica Loan.



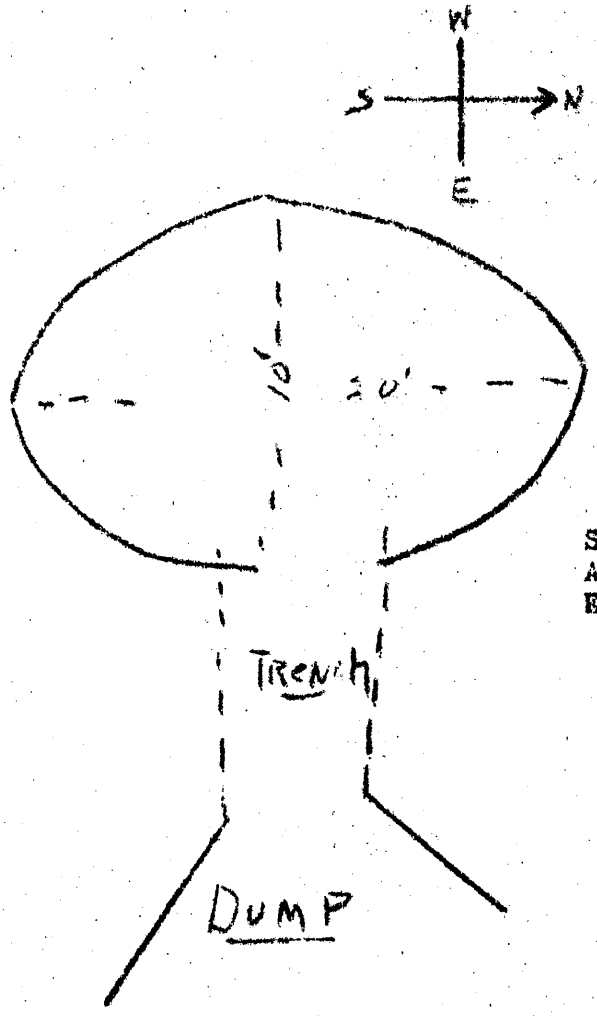
Everette L. Poston
and
Jim Bradley,
Route 2,
Canton, N. C.

Old Shapp Mine
East Fork Township
Haywood County, N. C.

SKETCHES to accompany
Application for Aid in Mica
Exploration.



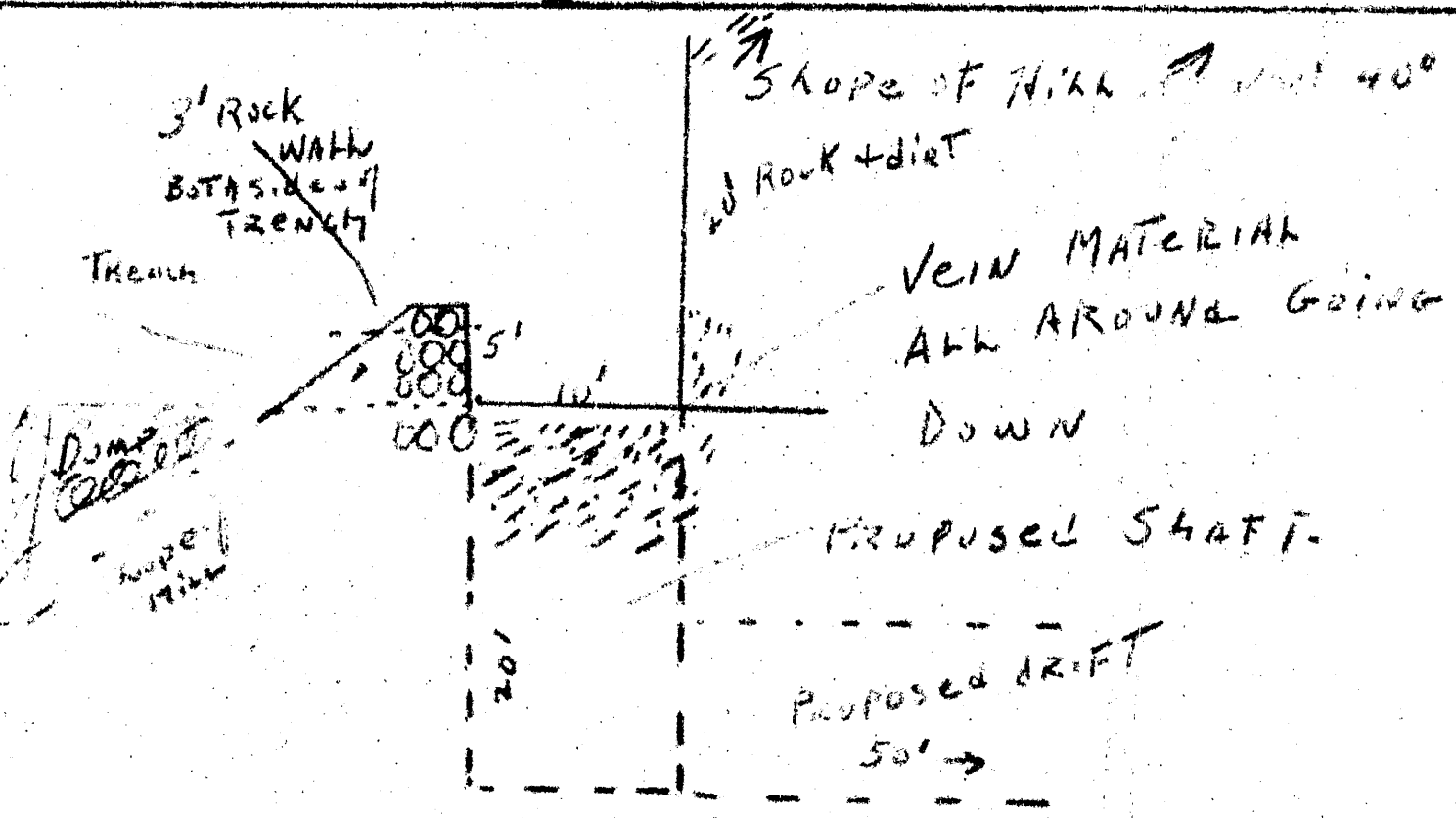
DMEA-3087



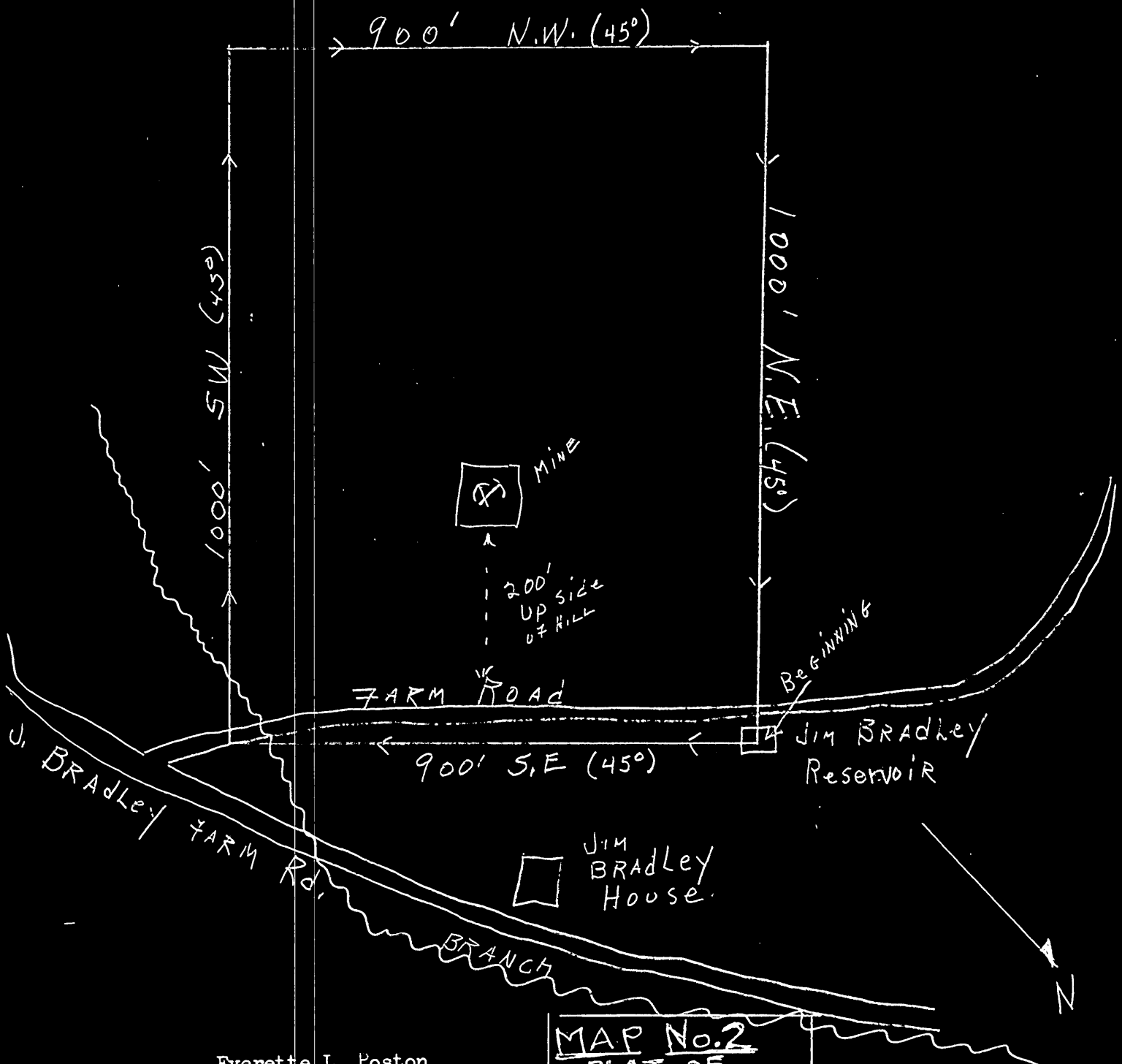
Everette L. Posten
and
Jim Bradley,
Route 2,
Canton, N. C.

Old Shapp Mine
East Fork Township
Haywood County, N. C.

SKETCHES to accompany
Application Emr Aid in Mica
Exploration.



DMEA-3087



Everette L. Poston
and
Jim Bradley,

Route 2, Canton, N. C.
(Haywood County, N. C.)

MAP No.2
PLAT OF
Old Sharp Mine Tract
East Fork Township,
Haywood County, N. C.

SKETCH of location, showing description of property involved. See Item 3-(a) of Application for Mica Loan.

DMEA-3087