DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 4967

Application
- [x] Denied
- [ ] Withdrawn

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

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

Folder No. 1:

Left Side

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

Right Side

- [x] Project summary (final)
- [ ] Work Completed analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

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

Right Side

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

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

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

WHITEHALL COMPANY, Inc.

KEENE, N. H.

April 23, 1958.

TO WHOM IT MAY CONCERN:

In accordance with Article 14 of Lease Agreement on Globe Mine, Springfield, New Hampshire, between Whitehall Company Inc., and H. G. Sparks, John Phillips and Sam Phillips, dated September 30, 1957; permission is hereby granted that Sam Phillips may assign his interest in said lease to John Phillips.

WHITEHALL COMPANY INC.

Vice-President

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 11 1958

DATE	INITIALS	CODE

March 19, 1958

Note: Sam Phillips has transfered his interest in this lease to M.G. Sparks and John Phillips, therefore, his name does not appear on the attached application.

MF-205
(Combines and supercedes MF-201 and MF-203)
June 1956

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator _____
Docket No. DMEA- _____
Contract No. Idm-E _____
Contract Date _____

RECEIVED
MAR 21 1958
D.M.E.A.

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of Sullivan, State of New Hampshire, described as follows: 2/ Beginning at a bound on the northeasterly side of the Fourth New Hampshire Turnpike, the same being corner of land of E.H. Carroll and Son, formerly land of Uriah Heath; - Thence northerly along line of said land of Carroll and land formerly of John Carr to land formerly of Jedediah Colby, now land of the heirs of Charles Murphy;-thence easterly on line of said Murphy land forty six (46) rods to a stake and stones at corner of other land o of said heirs of Murphy;-thence, southerly on line of said land of Murphy about one hundred and twenty six(126) rods to the southerly line of two hundred (200) acre lot No. 15;-thence easterly on the southerly line of said lot to the corner of land of one Bailey,formerly land of James Lull;-thence south thirty six (36) degrees west on line of said land of Bailey about forty five (45) rods to a stake and stones at a ledge on the north side of the aforesaid turnpike;-thence northwesterly along said turnpike to the bound begun at.

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

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

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom, to secure the payment to the Government of a percentage royalty on production as may be provided for by the Contract;

3. Subordinates the undersigned's right, title, claim, or interest in or against the land and in any production therefrom to the rights of the Government under the contract with respect to royalty on production and liens to secure same;

4. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none." Do not leave lines blank.)

None

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

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [~~or contract~~, deed, ~~or contract~~] dated May 14, 1930, and recorded in Book 235, Page 260, official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

5. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this Agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land, or any production therefrom furnishing the Government with two copies of such notice; and

6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: _____ (State "None" or "See Annex No.____")

Dated this 4th day of March, 1958.

J. E. Rand [Seal] Manchester Conn [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

I, W. R. Rankin certify that I am the assistant secretary (Secretary, etc.) of the corporation named herein; that J. E. Rand who signed this agreement was then Vice President (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

W. R. Rankin

[Corporate Seal]

MF-205
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June 1956

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6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: _____ (State "None" or "See Annex No.____")

Dated this 4th. day of March, 195 8

Signed: J.E. Rand	[Seal]	Manchester, Conn.	[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]

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Signed: W.R. Rankin

[Corporate Seal]

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6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: _____ (State "None" or "See Annex No.____")

Dated this 4th. day of March, 1958.

Signes: J.E. Rand	[Seal]	Manchester, Conn.	[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]

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[Corporate Seal]

MF-205
(Combines and supercedes MF-201 and MF-203)
June 1956

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E
Contract Date

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W. R. Rankin

[Corporate Seal]

Form MF–103
Revised Oct. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR

Budget Bureau No. 42–R1035.3
Approval expires June 30, 1958

DEFENSE MINERALS EXPLORATION ADMINISTRATION

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

NAME OF APPLICANT (Full legal name and mailing address as it should appear on contract if one is executed)

John Phillips
Spruce Pine, N.C.

RECEIVED MAR 21 1958 D.M.E.A.

APPLICANT NOT TO USE THIS BLOCK

Docket Number	4967
Date Received	3-21-58
Government Participation %	75
Region	V
Division Code	600

BUSINESS ORGANIZATION (Check one)

- Individual [ ]
- Corporation [ ]
- Partnership [x]
- Other (Specify) [ ]

State in which firm is organized: N.C.

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
M.G. Sparks	Box #53, Grafton, New Hampshire	Partner
John Phillips	Spruce Pine, North Carolina	Partner

Mineral(s) for which you wish to explore: Mica

Estimated Cost of Project: $ 15,100.00

LOCATION OF PROPERTY

Name	County	State
Town of Springfield, "Globe Prospects II, III and IV	Sullivan,	N.H.

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order–I, Revised, "Government Aid in Defense Exploration Projects." To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit four copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 2(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA Field Office.*

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.

3-19-58
Dated

John Phillips
BY *(Signature)*

Partner
Title

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. *Applicant's Property Rights:*

(a) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *Physical Description:*

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves on the property giving quantities and grades and sampling methods used, supporting your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *property boundaries* or to the closest identifiable corner.

(b) If an access road to the project must be built, show the location on the property map and state the length, type, and construction methods proposed.

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. *(Note* – If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant, which will be used on the exploration project.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration project stating specifications and cost including labor, materials and supervision.

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(e)*. Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories.

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)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Revised.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC. WASH., D.C. 25960

MF - 103 (Continuation Sheet)

1. (a) Description on lease.

(b) Prospects will be known as the "Globe Prospects II, III and IV".

(c) Lessee

(d) No lien.

2. (a) Some work has been done at Prospect II, Prospects III and IV are new prospects.

(b) Applicant has no interest in previous operations at Prospect II, there has been no operations at Prospect III and IV.

(c) No records of past productions.

(d) There appears to be a significant amount of strategic grade mica showing in the vein material at all three prospects.

(e) Pegmatite veins.

(f) Prospect II is a open pit, and reports say that some good mica has been recovered, Prospect III and IV have an out-cropping of vein on the surface, and we believe that with exploration work good quality ruby mica will be recovered from all three prospects.

3. (a) Project is accessible to road and M.G. Sparks will meet D.M.E.A. representatives at his home in Grafton, N.H., and go with them to the prospects which are located approximately ten miles Northwest of Grafton, N.H.

(b) Project is accessible to roads and shipping, manpower, equipment and supplies are available.

4. (a) On Prospect II we propose to do a lot of dozer shovel work, cleaning out muck, and etc., then drift for a distance of 100' with vein. On Prospect III we propose to sink a 5' X 7' shaft to a depth of 30', then drift with vein for a distance of 100'. On Prospect IV we propose to sink a 5' X 7' shaft to a depth of 40', then drift with vein for a distance of 80'.

(b) No road to be built.

(c) Work can begin within 15 days after contract is received, and each prospect can be completed within six months. Total project can be completed in eighteen months.

5. Now on file with D.M.E.A.

6. Continued on page II

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DATE

MF - 103 (Continuation Sheet II)

6. Estimated Cost of Project:

Prospect II

40 hrs. dozer shovel work @ $10.00 per hour - - - - - -	$ 400.00
100' Drift @ $40.00 per foot - - - - - - - - - - - - - -	4000.00
Total estimated cost:	$ 4400.00

Prospect III

30' Shaft @ $50.00 per foot - - - - - - - - - - - - - -	$ 1500.00
100' Drift @ $40.00 per foot - - - - - - - - - - - - - -	4000.00
Total estimated cost:	$ 5500.00

Prospect IV

40' Shaft @ $50.00 per foot - - - - - - - - - - - - - -	$ 2000.00
80' Drift @ $40.00 per foot - - - - - - - - - - - - - -	3200.00
Total estimated cost:	$ 5200.00

Total estimated cost of Prospects II, III and IV, - - - - - - $15,100.00

7. (a) Will share cost of proposed project.

(b) Money and equipment.

Globe Prospects II III and IV

Sullivan County, Town of Springfield

Prospect II

40 hrs. dozer
Shovel work -
muck
water
Drift 100' with vein

Prospect III

5' 2'
Drift 100' with vein

Sink shaft
to a depth
of 30'

Prospect IV

5' 2'
Drift 80' with vein

Sink shaft to a
depth of 40'

Globe Prospects II III and IV

Sullivan County, Town of Springfield

Prospect II

40 hrs. dozer
Shovel work-
Drift 100' with vein
muck / water

Prospect III

Drift 100' with vein

Sink shaft
to a depth
of 30'

Prospect IV

Drift 80' with vein

Sink shaft to a
depth of 40'

This Agreement made the day of September 19 57

between WHITEHALL COMPANY, INC., a corporation duly organized pursuant to the Laws of the State of New Jersey, hereinafter sometimes designated as Lessor, party of the first part, and M. G. Sparks, John Phillips and Sam Phillips of Spruce Pine North Carolina

hereinafter sometimes designated as Lessee, party of the second part.

Now, This Agreement Witnesseth:

That, for and in consideration of the sum of One Dollar in hand paid by Lessee to Lessor, receipt whereof is hereby acknowledged, and for other good and valuable considerations hereinafter more particularly set forth, Lessor does hereby grant, demise and lease unto the said Lessee, the sole and exclusive right of mining, digging, boring and otherwise prospecting for feldspar, mica and quartz, upon the following described tract or tracts of land, situated in the Sate of New Hampshire, County of Sullivan, Town of Springfield, and more particularly bounded and described as follows:

Beginning at a bound on the northeasterly side of the Fourth New Hampshire Turnpike, the same being corner of land of E. H. Carroll and Son, formerly land of Uriah Heath;- Thence northerly along line of said land of Carroll and land formerly of John Carr to land formerly of Jedediah Colby, now land of the heirs of Charles Murphy;- thence easterly on line of said Murphy land forty six (46) rods to a stake and stones at corner of other land of said heirs of Murphy;- thence, southerly on line of said land of Murphy about one hundred and twenty six (126) rods to the southerly line of two hundred (200) acre lot No. 15;- thence easterly on the southerly line of said lot to the corner of land of one Bailey, formerly land of James Lull;- thence south thirty six (36) degrees west on line of said land of Bailey about forty five (45) rods to a stake and stones at a ledge on the north side of the aforesaid turnpike;- thence northwesterly along said turnpike to the bound begun at.

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TO HAVE AND TO HOLD the said premises for said purpose only unto said Lessee, for and during the term of ~~one year~~ Five years next ensuing from the day of September 19 57

The Lessee covenants and agrees to pay to the Lessor on the tenth day of each month the following royalties:

Feldspar, $0.50 --- per ton of 2000--- lbs. ~~##########~~ lbs.

~~##########~~ All other Minerals, twelve and one half percent (12½%) of the selling price.

removed from said premises pursuant to the provisions of this lease during the month immediately preceding said dates of payment.

13. Lessor shall have the right, except when conditions beyond the control of the Lessee prevent, to terminate this lease in the event that the Lessee fails to conduct any operations upon the said premises for a period of one hundred and eighty (180) days.

14. Lessee agrees that it will not assign, mortgage or encumber this agreement unless the written consent of the Lessor is obtained.

15. Lessee agrees that on and after the date hereof, the minimum royalty due and payable Lessor shall be at the rate of One Hundred ($100.00) Dollars per year. Any deficiency in royalty shall be paid within thirty (30) days after the close of the year.

2. The Lessee covenants and agrees to transmit to the Lessor an exact and truthful statement of the amount of feldspar, mica and quartz removed during the month for which payment is being made. The feldspar, mica and quartz shall be weighed by the Railroad Company and the Railroad Company's weights shall determine the quantities as between the Lessor and the Lessee. The Lessor shall have the right to inspect, review and test the correctness of the Railroad Company's scales and weights at any time and in such manner as Lessor may see fit to adopt, it being understood that any errors discovered by the Lessor shall be recognized and corrected in the accounts of the Lessee. The Lessor may designate any other more convenient method of weighing the said minerals.

3. The Lessor hereby grants to the Lessee the right to mine, prospect, search, dig, bore and excavate for said feldspar, mica and quartz in as many places as the said Lessee may deem proper, and to extract and remove the same from said premises.

4. The Lessor further grants to the Lessee the right to occupy and use as much of said tract or tracts for buildings and improvements as may be necessary for the efficient and economical working of the same.

5. The Lessor grants to the Lessee all such rights of way through and across said tract or tracts of land as may be necessary to obtain and remove therefrom the feldspar, mica and quartz, together with all other rights and privileges necessary for or incident to obtaining, preserving, removing and disposing of the said feldspar, mica and quartz in and upon the said demised premises in the most convenient, practical, suitable and advantageous manner.

6. The Lessor hereby grants to the Lessee the right to construct ditches, drains, aerial tramways, tramways, railroads, wagon roads, etc., to and across said premises. The said rights-of-way granted pursuant to this and the preceding paragraphs of this agreement shall include the right to use the said premises for the purpose of ingress and egress to and from any adjoining premises which may be owned, controlled, leased or otherwise held by the Lessee.

7. The Lessor grants to the Lessee the right to dump waste material obtained in the mining operations upon said premises.

8. The Lessor hereby grants to the Lessee the right to remove all improvements made upon the aforesaid premises by the Lessee at any time within thirty days after the termination of this lease.

9. The Lessor reserves unto the Lessor the right to use so much of the premises as shall not be required for the mining operations of the Lessee.

10. The Lessee agrees to pay all taxes which may be levied upon the mining operations conducted upon the said property by the Lessee.

11. The Lessee reserves the right to terminate this lease at any time upon giving to the Lessor thirty days' written notice of its intention to terminate the same. The said notice shall be given by the Lessee in writing and shall be mailed in a duly postpaid envelope addressed to the Lessor at the address of the Lessor hereinbefore mentioned. Said letter shall be deposited by the Lessee in a United States postbox; and after the expiration of such thirty day period the Lessee shall be under no further liability hereunder.

12. The Lessor shall have the right to terminate and cancel this lease in the event of a default on the part of the Lessee in complying with any of the terms and conditions of this lease. ~~[illegible]t cause upon thirty days' notice to Lessee.~~

13., 14., and 15. See above.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be duly executed the day and year first above written.

WITNESS:

R. H. Burleigh

WHITEHALL COMPANY, INC.

By ....

Vice-President

....

Globe

N-5-02

WHITEHALL COMPANY, INC.

AND

M.G.Sparks

John Phillips

Sam Phillips

Agreement

RECEIVED 21 1958
DMEA

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/5	Houk	

600

June 4, 1958

Memorandum

To: Mr. C. O. Mittendorf, Administrator

From: Lawrence G. Houk, Director, Division of Nonmetallic Minerals

Subject: Evaluation of application and field examination report
Docket No. DMEA-4967-Mica
M. G. Sparks and John Phillips
Globe Prospects II, III and IV
Sullivan County, New Hampshire

Denial of application is recommended.

Mica and Beryl: Mica is rum, hard, free-splitting, and is not excessively ruled or reeved. The books average 4 to 5 inches in diameter and one inch thick. Subhedral grayish-green beryl prisms 1 inch to 1½ feet long were seen.

Pegmatite: Is enclosed in a medium-grained quartz-mica schist that is generally conformable. The following zones may be found successively inward from the walls:

1. Border zone, 1 to 4 inches thick, (fine-grained quartz, plagioclase, and muscovite).
2. Quartz-perthite-plagioclase wall zone, 160 to 200 feet thick, (medium to coarse-grained quartz and perthite, some muscovite and plagioclase, accessory biotite, garnet, and tourmaline).
3. Albite-muscovite intermediate zone, 2 to 8 feet thick, (coarse white albite with subordinate coarse books of muscovite, minor quartz, black tourmaline).
4. Quartz pegmatite core, up to 60 feet thick, (coarse milky quartz with minor green beryl). Core is discontinuous along strike and down dip.

The pegmatite is about 750 feet long and 300 to 400 feet thick.

Workings: Consist of two opencuts and two small prospect pits. Opencuts were filled with water and debris and were inaccessible.

Past production: Records of the mica produced over the years are unavailable. The quality of mica produced in the past was reported to be good.

Applicants' proposal: At three separate sites, Prospects II, III, and IV, the proposal is:

Bulldozer work 40 hrs.	$400.00
Shaft sinking, 70 linear ft.	3,500.00
Drifting, 280 linear ft.	11,200.00
Total estimated cost	$15,100.00

Comments:

The original partnership has dissolved and the application would have to be revised to delete the name of M. G. Sparks and add the name of J. R. Beam as a partner. A new lease or consent to assign would be required.

Preliminary work by the Applicants is necessary before a definite appraisal can be made. A map showing the work sites and the property boundary would also be required.

Conclusions:

This property was examined without field referral as the examining team were in the neighborhood. Snow on the ground and water in the pits at the time of the examination hindered a thorough examination. The examining team did not set up an exploration program as they were unable to evaluate the Applicants' project work without preliminary work by the Applicants.

The examining team's recommendation was based on:

1. Good geologic environment of the district.
2. Pegmatite was zoned.
3. Quality of past production.
4. The "exact form, attitude, and extent of the pegmatites are unknown, hence undiscovered mica is present on the property," seems of questionable logic.

Recommendations:

The Field Team recommends denial without prejudice until such time as the Applicants do the preliminary work and submit the requested information, and the Division of Nonmetallic Minerals and the Commodity Members of the Bureau of Mines and the Geological Survey concur in the Field Team's recommendation.

LGHouk:gad 6/4/58
Copy to: Admr. R. File
Mr. Houk

DMEA Form 7
(12-56)

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Date	Surname	Code
6/18	Houk	600
"	Johnson	110
"	Burkeudy	100
6/18	C. O.	220
		225

600

JUN 18 1958

Mr. John Phillips

Spruce Pine, North Carolina

Re: Docket No. DMEA-4967-Mica
M. G. Sparks and John Phillips
Globe Prospects II, III and IV
Sullivan County, New Hampshire

Dear Mr. Phillips:

Reference is made to your letter of June 9, 1958, asking if the material mailed on May 7, 1958, to Mr. Harry Burmeister was received and considered in making our decision on the Globe Prospects.

This information was received and considered in making our decision. Enclosed is a copy of our press release of June 6, 1958, which may be of interest to you.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosure

LGHouk:gad 6/18/58
Copy to: Admr. R. File
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

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RECEIVED JUN 11 1958

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Spruce Pine, North Carolina
June 9, 1958

Mr. C.O. Mittendorf, Administrator
U.S. Dept. of the Interior
Defense Minerals Exploration Administration
Washington 25, D.C.

Re: Docket No. DMEA-4967-Mica
Globe Prospects I,III and IV
Sullivan County, New Hampshire

Dear Mr. Mittendorf:

This will acknowledge receipt of your letter dated June 6, 1958, concerning the above named prospects.

While Sam was in New Hampshire he talked to Mr. Burmeister, and he told him to forward the additional information you asked for to him at College Park, Maryland, and that he would take care of it, the new map and outline for this work was mailed to him May 7, 1958 and I was wondering if you had the additional information that we mailed to Mr. Burmeister. We believed that this was a good prospect for mica and we hated for it hot to be considered.

Sincerely yours,

John Phillips

John Phillips

P/bjg

DMEA Form 7
(12-56)

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Date	Surname	Code
6/5	Houk	600
6/6	[illegible]	130
6/4	Lamb	130
6/6	Kiilsgaard	130
"	Johnson	110
"	Mittendorf	100
		220

600

Mr. John Phillips

Spruce Pine, North Carolina

Re: Docket No. DMEA-4967-Mica
M. G. Sparks and John Phillips
Globe Prospects II, III and IV
Sullivan County, New Hampshire

Dear Mr. Phillips:

Your incomplete application for aid for an exploration project and reports available to us in Washington relating to the subject property have been reviewed.

Based upon our review we are unable at this time to approve an exploration project on your property. Under the circumstances your application for exploration assistance is denied without prejudice.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FEJohnson:gad 6/4/58
Copy to: Admr. R. File
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

IN REPLY REFER TO:

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DMEA
RECEIVED JUN 4 1958

DATE	INITIALS	CODE
6/4	N.G.	225
6/5	Houk	600
Memorandum ✓		

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

June 3, 1958
Re: DMEA 4967
M. G. Sparks & John Phillips
Globe Prospects
Sullivan County, N. H.
$15,100 - Mica

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

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team Report

In a confusing and poorly prepared application, a request was made for assistance in exploring, by bulldozing, shaft sinking, and drifting, a pegmatite, or pegmatites, which may have been extensively explored and mined in the past. Flooded workings preclude a thorough examination.

Mapping by geologists of the U.S. Geological Survey indicates there is at least one large pegmatite and probably a second. If the pegmatites have not already been more thoroughly explored than appears likely, work requested and recommended by the examiners is probably warranted, but as the examiners note, preliminary work should be done, a work program should be outlined showing where the proposed work will be done, and the matter of ownership straightened out.

I concur with the recommendation of the Field Team that the application be denied without prejudice.

N. E. Nelson

N. E. Nelson

DMEA
RECEIVED JUN 3 1958
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600

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

June 3, 1958

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4967 (mica)

Applicant: M. G. Sparks and John Phillips

Name and Location of Property: Globe Prospects II, III, IV
Sullivan County, N. H.

Date of Field Team Report: 5/22/58

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 5/29/58

Field Team Recommendation: Recommend denial of application

Comments:

1. This is an old prospect from which good quality mica has been produced in the past.
2. Geologic conditions are favorable for the presence of additional good quality mica on the property.
3. Excess debris and water make it impossible to adequately examine the property and proposed work sites.
4. No definite exploration plan has been submitted by the applicant, nor an estimated cost of the project.

Recommendation:

I concur with the recommendation of the field team for denial of the present application; but believe it should be suggested to the applicant to resubmit an application after preliminary clean up of cuts, dewatering, and clarification of leases, with a definite plan of exploration.

Donald R. Irving

Donald R. Irving

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

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6/2	C	220
6/13	14	600

May 22, 1958

Memorandum

To: Operating Committee, DMEA, Washington

From: DMEA Field Team, Region V, Knoxville

Subject: Field Examination Report, DMEA-4967 (Mica)
M. G. Sparks and John Phillips, Spruce Pine, N. C.
Globe prospects II, III, IV, Sullivan County, N. H.

Enclosed are the original and two copies of the Field Examination Report on the Globe prospects. Also enclosed are three copies each of the following supplementary items, submitted by the Applicants after the examination, at Mr. Burmeister's request:

1. Letter from John Phillips, dated 5/7/58
2. Estimated cost of Project
3. Map of prospect area

The field examiners believe that these deposits are worth further exploration and the available evidence tends to support this conclusion. However, as they point out, there are insufficient available data on which to propose a specific exploration project.

There are two possible actions which may be taken:

1. Denial without prejudice
2. Holding in abeyance until Applicant does further preliminary work, and submits revised data, including revised lease and new Consent to Lien

We recommend the first of these two alternatives. If, at a later date, the Applicants do the preliminary report and submit the requested data, a re-examination should be made.

On-Site Exam Rpt

Reviewed by
DMEA OPERATING COMMITTEE
6-2-58
(date)

Robert A. Laurence
Robt. A. Laurence, Executive Officer

V. J. Lynch
V. J. Lynch, Member

DMEA FORM 6 REFERENCE SLIP

REV. 12-56 DEFENSE NERALS EXPLORATION ADMINISTRATION

TO:	INITIALS	DATE
1.		
2.		
3.		
4.		
5.		
FROM:		

FOR: Check items for action desired

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS: THIS PROPERTY EXAMINED WITHOUT FIELD REFERRAL, WHILE EXAMINERS WERE IN NEW ENGLAND, TO AVOID EXTRA TRAVEL.

INT.-DUP. SEC., WASH., D.C.

M8278

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RECEIVED MAY 26 1958

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UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT
DMEA-REGION V

DMEA-4967 (mica) GLOBE PROSPECTS, II, III and IV

Sullivan County, New Hampshire

By

Harry L. Burmeister, Mining Engineer
U. S. Bureau of Mines

and
W. P. Williams, Geologist
U. S. Geological Survey

Reviewed by
DMEA OPERATING COMMITTEE
6-2-58
(date)

May 1958

DMEA
RECEIVED MAY 26 1958
CODE

FIELD TEAM REPORT ON EXAMINATION OF PROPERTY

DMEA Docket No. 4967 (Mica)
M. G. Sparks and John Phillips
(A Partnership)
John Phillips, Spruce Pine,
North Carolina

INTRODUCTION AND SUMMARY

Messrs. M. G. Sparks and John Phillips, of Grafton, New Hampshire and Spruce Pine, North Carolina, respectively, have applied, DMEA docket 4967, for assistance to explore for strategic mica.

The property involved is known as the Globe mine, near the village of Springfield, Sullivan County, New Hampshire.

The property was visited on April 24, 1958, by a DMEA examining team composed of H. L. Burmeister, U. S. Bureau of Mines and W. P. Williams U. S. Geological Survey. The examining team was accompanied to the property by Mr. Sam Phillips and Mr. J. R. Beam, representatives of the applicant.

Conditions on the property for geologic and engineering examination were only fair as about 50 percent of deep residual snow cover was on the ground. The original partnership had dissolved, and the persons accompanying the examining team to the property had never been to the site before; hence they knew nothing of where and what work was proposed. It was not possible to find the proposed work sites by use of the crude sketch in the application.

The applicants' representatives stated that the work proposal would be clarified and that additional information would be submitted to DMEA. This has not been done to May 15, 1958. Although the property is favorable for the presence of strategic-grade mica, a definite exploration proposal will depend upon preliminary work by the applicant.

CONCLUSIONS AND RECOMMENDATIONS

The examining team is of the opinion that the applicants' property merits further exploration. This opinion is based on, 1) the property is located in a mining district that has produced much strategic grade mica, 2) a favorable geologic environment is on the property consisting of a large, zoned pegmatite with possible smaller, related pegmatites, 3) the quality of mica produced in the past was good, and 4) the exact form, attitude, and extent of the pegmatites are unknown; hence undiscovered mica probably is present on the property.

On the basis of the above considerations it is recommended that the application be approved. Before a DMEA contract is prepared, however, the applicant should be requested to perform some preliminary work. He should be asked to submit a map showing the work sites with correct spatial relationship to each other and to cuts Nos. 1 and 2, figure 2. If, as suspected, he wishes to extend work from either cut 1 or 2 he should unwater and clean out that cut so that the advisability of doing such work may be determined. In the event either or both cuts are pumped out and cleaned up, a re-examination of the property would probably be indicated.

Before considering a contract it would seem necessary to correct the names of lessees on the lease as indicated herein under "Property Rights", and also in Mr. Houk's letter of April 1, 1958 to Mr. John Phillips. The application would probably have to be revised to delete the name of M. G. Sparks and add the name of J. R. Beam as a partner.

NAME AND LOCATION OF PROPERTY

This property is known as the Globe mica mine and is located in the town of Springfield, Sullivan County, New Hampshire.

The mine is located about 0.5 mile northeast of Route 4A on a very poor road terminating at the mine. The intersection of the mine road with State Route 4A is most easily reached by proceeding northward on a gravel road from the village of Springfield for a distance of 1 mile to it's intersection with Route 4A. From this point follow Route 4A southeasterly for a distance of 1.7 miles to the entrance of a poor mine road from the left or north. The mine may also be reached from Grafton on U. S. Route 4 or from Mascoma at the junction of Route 4 and Route 4A, Fig. 1. The mine road could be kept passable in the winter season if mining was carried on steadily.

COMPETENCY OF APPLICANT AND OPERATING PERSONNEL

The Applicants as well as their associates are considered to be competent operators. They have operated under a number of DMEA contracts in North Carolina. All mining would be done by employees brought from North Carolina.

Applicants' previous operations under DMEA contracts indicate financial responsibility.

APPLICANTS' PROPERTY RIGHTS

A tract of land, supposed to include the Globe mica mine, is held under a five year mining lease by M. G. Sparks, John Phillips and Sam Phillips from the Whitehall Company, Inc. The lease is dated only September, 1957.

Mr. Sam Phillips, one of the lessees, does not appear as one of the Applicant partners. During the examination, Mr. Sam Phillips told the examiners that on or about April 15, 1958, Mr. M. G. Sparks withdrew from the partnership when his interest was purchased by John Phillips and J. R. Beam. Mr. Sam Phillips also stated that the Whitehall Company had agreed to Sam Phillips' transfer of his interest in the lease to John Phillips. A document setting forth this transfer of interest was said to be in preparation at the time of examination and copies were to be furnished the Government. The

lease was also to be changed to include J. R. Beam as a partner and exclude M. G. Sparks.

No property map accompanies the application. Immediate submittal of a property map and the previously mentioned documents was promised by Mr. Sam Phillips and Mr. Beam. To the date of this report no communication has been received.

In summation: property rights and application are in the following state. The original lessees are not the present lessees and the Applicants and partners of record are not the present partners.

AVAILABILITY OF MANPOWER, SUPPLIES, POWER, ETC.

Miners from North Carolina would be used in any operations conducted in New England by the Applicant. Supplies necessary for mica mining are available in nearby Keene, Plymouth or Frankin, New Hampshire. Sufficient water for this type of operation is available from a nearby creek.

COSTS

Neither from the application nor from Mr. Sam Phillips and Mr. Beam, were the examiners able to learn the location or extent of exploration by shaft and drifting. Neither Mr. Phillips nor Mr. Beam had previously visited the property and consequently could not definitely identify Prospect II nor find the locations of Prospects III or IV.

For the above reasons no estimate of costs has been made. Cost estimates will have to be made if a re-examination is indicated.

GEOLOGY

The Applicants' property is located in the Grafton, New Hampshire pegmatite district. The district is underlain by quartz-mica schist, quartzite and amphibolite of Paleozoic age; and those rocks were intruded by gneiss, diorite, and granite of late Paleozoic age. Pegmatites were intruded into the

older metamorphic and igneous rocks.

The mica-bearing pegmatite at the old Globe mine is about 750 feet long and 300 to 400 feet thick. It strikes northeast and appears to be about vertical. The pegmatite is enclosed in medium-grained quartz-mica schist that has a well-developed foliation which is parallel, in general, to the contacts of the pegmatite.

The pegmatite is zoned, and the following zones may be found successively inward from the walls:

1. Border zone, 1 to 4 inches thick.
   Fine-grained quartz, plagioclase, and muscovite.

2. Quartz-perthite-plagioclase wall zone, 160 to 200 feet thick. Medium to coarse-grained quartz and perthite, some muscovite and plagioclase. Accessory biotite, garnet, and tourmaline.

3. Albite-muscovite intermediate zone, 2 to 8 feet thick. Coarse white albite with subordinate coarse books of muscovite; minor quartz, black tourmaline.

4. Quartz pegmatite core, up to 60 feet thick. Coarse milky quartz with minor green beryl. Core is discontinuous along strike and down dip. The core, composed of large, separate, ellipsoidal bodies of quartz, lies near the center of the pegmatite. The long axis of each quartz body is parallel to the strike of the pegmatite. Poor present exposures make it difficult to tell the size of the core masses, but one of the largest is reported to have an outcrop length of 120 feet and a width of 60 feet.

Most of the book mica produced from the property has come from the hanging-wall portion of a zone within 6 to 8 feet of the quartz core in the No. 1 cut, figure 2. The hanging-wall part of the zone contained much more mica than the footwall.

At No. 2 cut, mica books averaging 4 inches in diameter and 1/2 to 1 inch thick were found adjacent to a quartz body, partly in the quartz-perthite zone and partly in the quartz body. Sparsely scattered subhedral grayish-green beryl prisms, 1 inch to 1-1/2 feet long, were found near the margins of the

quartz in cut No. 2.

A small prospect trench about 200 feet northeast from cut 2 shows a white quartz core about 20 feet wide that trends N 45° W. An albite-muscovite zone on each side of the quartz core showed good stained mica books up to 6 inches in diameter and 1/2 inch thick. The mica was especially abundant on the southeast side of the core. The cut shown on figure 2, about 200 feet due north of cut 1 could not be examined because it was filled with snow.

HISTORY AND PRODUCTION

The workings on the property consist of two opencuts and two small prospect pits. On the date of examination the opencuts were filled with water and debris and were inaccessible.

According to available reports the mine was opened before 1880. The mine was idle for many years prior to 1914. Late in June, 1944, the Warren Soap Manufacturing Company, 51 Waverly Street, Cabridge, Massachusetts, leased the property and began mining mica at the northeastern end of No. 1 cut. Operations halted in December 1944. Cut No. 1 is 200 feet long, 30 feet to 50 feet wide, and 25 feet deep. (Picture 1)

Cut No. 2 was opened sometime after 1914 and is 80 feet long, 45 feet wide, and about 35 feet deep. (Picture 2)

The mined mica, as well as the mica that can now be found on the property is rum, hard, free-splitting, and is not excessively ruled or reeved. The books average 4 to 5 inches in diameter and 1 inch thick. Pegmatite removed from cut No. 1 averaged about 4 percent mica. Records of the mica produced over the years are unavailable.

PROPOSED EXPLORATION

The applicants proposed to do a total of 40 hours of bulldozer work, 70 linear feet of shaft sinking, and 280 linear feet of drifting, at a total

estimated cost of $15,100. The work was to be done at three separate sites, called Prospects II, III, and IV. The persons who accompanied the examining team, however, had never been on the property before and could not point out the work sites. The applicants' crude sketch map was of little use. In the application Prospect II is described as (sic), "a open pit". It might be assumed, then, that the applicant wishes to drift from a face in either cut No. 1 or 2, figure 2, but probably cut No. 2. The locations of the other work sites are unknown to the examining team.

May, 1958

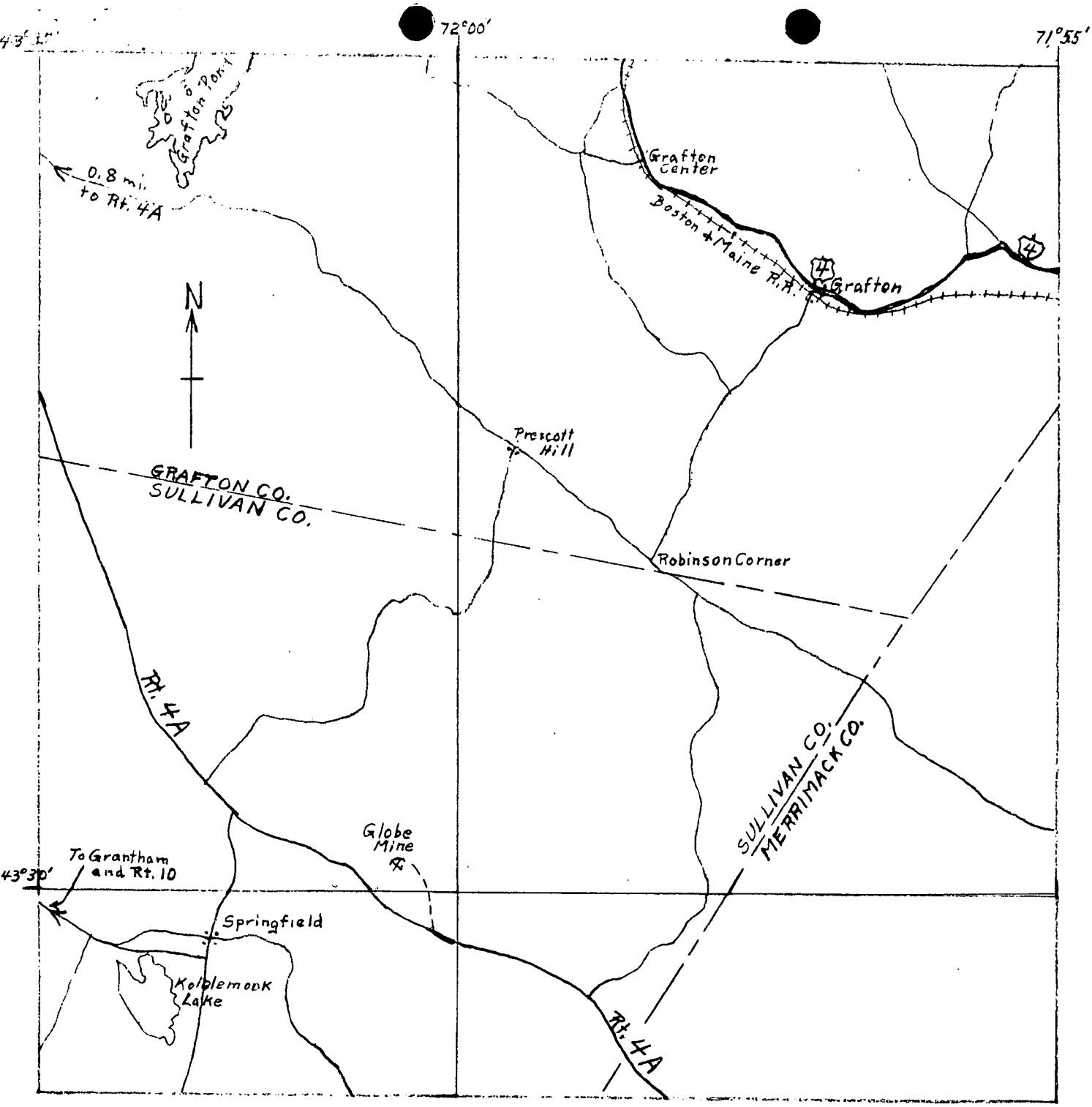
H. L. Burmeister, Engineer
U. S. Bureau of Mines

W. P. Williams, Geologist
U. S. Geological Survey

APPENDIX A

SECECTED BIBLIOGRAPHY

1. Cameron, E. N., Barrabee, D. M., et al, 1954, U. S. Geol. Survey Prof. Paper 255, Pegmatite Investigations 1942-45 New England, p. 280-282.



DMEA 4967
GLOBE PROSPECTS
SULLIVAN COUNTY, N.H.

0 miles 1

FIG. 1

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SPARKS & PHILLIPS

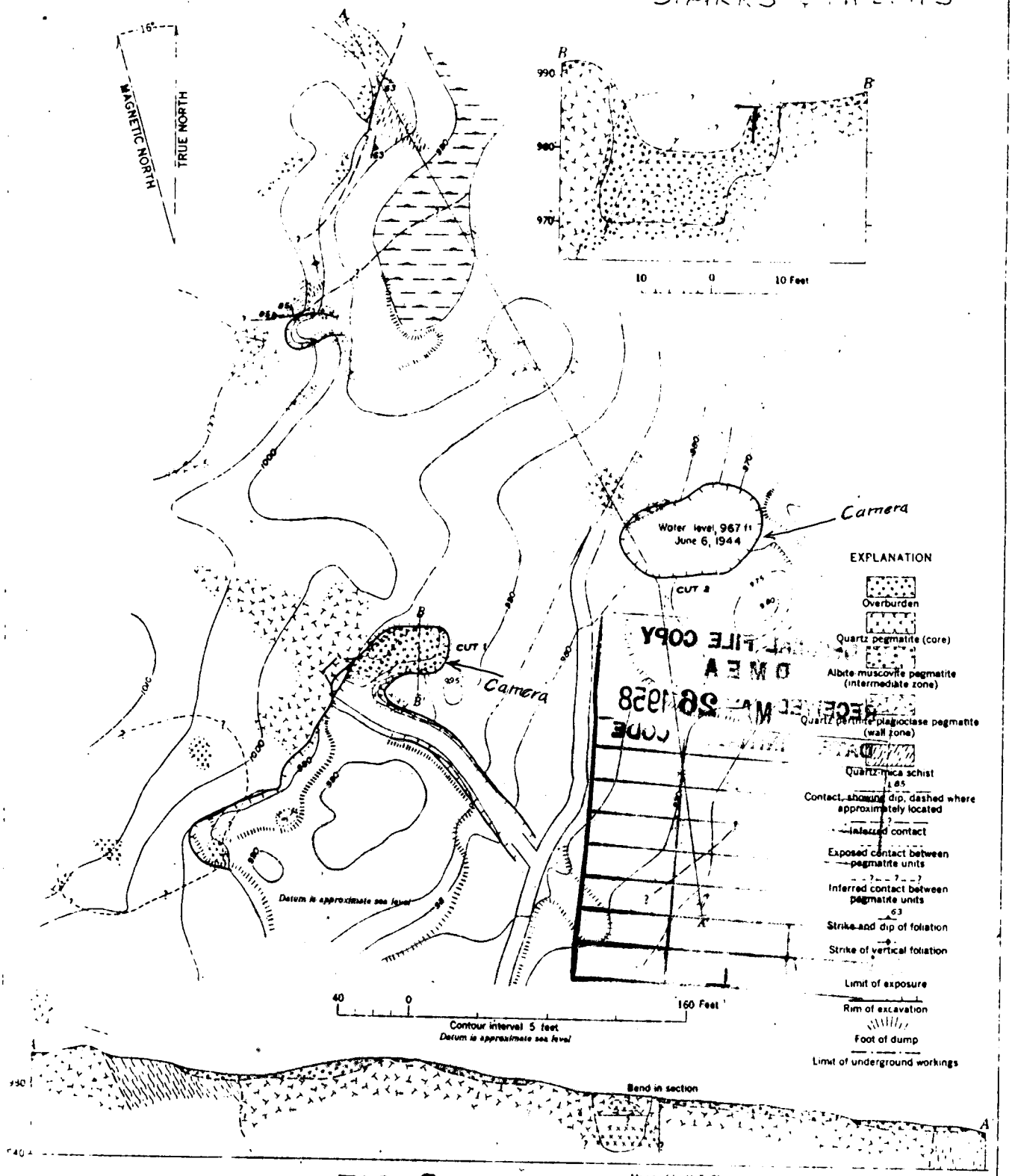

FIG. 2

Mapped by V. E. Shainin and K. S. Adams, June 6-14, 1944. Workings in No. 1 cut brought up to date by A. H. McNair and G. W. Stewart, December 2, 1944

[redacted]—Geologic map and sections of the Globe mica mine, Springfield, N. H.

1

Cut 1 ADD . ED .

2

Cut 2 ADD . ED

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4967

Rec'd 5/19

Spruce Pine, North Carolina
May 7, 1958

Mr. Harry Burmeister
College Park, Maryland

Dear Mr. Burmeister:

Enclosed is a map and a list of the work that we wish to do at the Globe Prospects I,III and IV

Please duplicate the enclosed map, as I do not have a duplication machine.

I hope I have furnished the information that you needed.

Sincerely yours,

John Phillips

John Phillips

Enclosures
P/bjg

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DATE | INI | CODE

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May 7, 1958

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John Phillips

Enclosures
P/bjg

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4967

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May 7, 1958

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Please duplicate the enclosed map, as I do not have a duplication machine.

I hope I have furnished the information that you needed.

Sincerely yours,

John Phillips

John Phillips

Enclosures
P/bjg

Globe Prospect I, III and IV -

Estimated Cost of Project -

Prospect I

Moving in Bulldozer and 40 hrs. dozing out loose muck that has been shot down in the open cut - @ $10.00 per hour - - - - - - $ 400.00

100' Drift (5'X7' drift) @ $40.00 per foot - - - - - - - - 4000.00

Total estimated Cost: $ 4400.00

Prospect II - - - - - - NO WORK

Prospect III

30' Shaft (5'X 7'shaft) @ $50.00 per foot - - - - - - - - $ 1500.00

100' Drift (5'X 7' drift) @ $40.00 per foot - - - - - - - - 4000.00

Total estimated Cost: $ 5500.00

Prospect IV

40' Shaft (5'X 7'shaft) @ $50.00 per foot - - - - - - - - $ 2000.00

80' Drift (5'X 7'drift) @ $40.00 per foot - - - - - - - - 3200.00

Total estimated Cost: $ 5200.00

Total estimated cost of Prospects I, III and IV - - - - - $ 15,100.00

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Globe Prospect I, III and IV -

Estimated Cost of Project -

Prospect I -

Moving in Bulldozer and 40 hrs. dozing out loose muck that has been shot down in the open cut - @ $10.00 per hour - - - - - - $ 400.00

100' Drift (5'X7' drift) @ $40.00 per foot - - - - - - - - 4000.00

Total estimated Cost: $ 4400.00

Prospect II - - - - - - - NO WORK

Prospect III

30' Shaft (5'X 7'shaft) @ $50.00 per foot - - - - - - - - $ 1500.00

100' Drift (5'X 7' drift) @ $40.00 per foot - - - - - - - - 4000.00

Total estimated Cost: $ 5500.00

Prospect IV

40' Shaft (5'X 7'shaft) @ $50.00 per foot - - - - - - - - $ 2000.00

80' Drift (5'X 7'drift) @ $40.00 per foot - - - - - - - - 3200.00

Total estimated Cost: $ 5200.00

Total estimated cost of Prospects I, III and IV - - - - $ 15,100.00

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Globe Prospect I, III and IV -

Estimated Cost of Projdet -

Prospect I

Moving in bulldozer and 40 hrs. dozing out loose muck that has been shot down in the open cut - @ $10.00 per hour - - - - - - $ 400.00

100' Drift (5'X7' drift) @ $40.00 per foot - - - - - - - - 4000.00

Total estimated Cost: $ 4400.00

Prospect II - - - - - - - NO WORK

Prospect III

10' Shaft (5'X 7'shaft) @ $50.00 per foot - - - - - - - - $ 1500.00

100' Drift (5'X 7' drift) @ $40.00 per foot - - - - - - - - 4000.00

Total estimated Cost: $ 5500.00

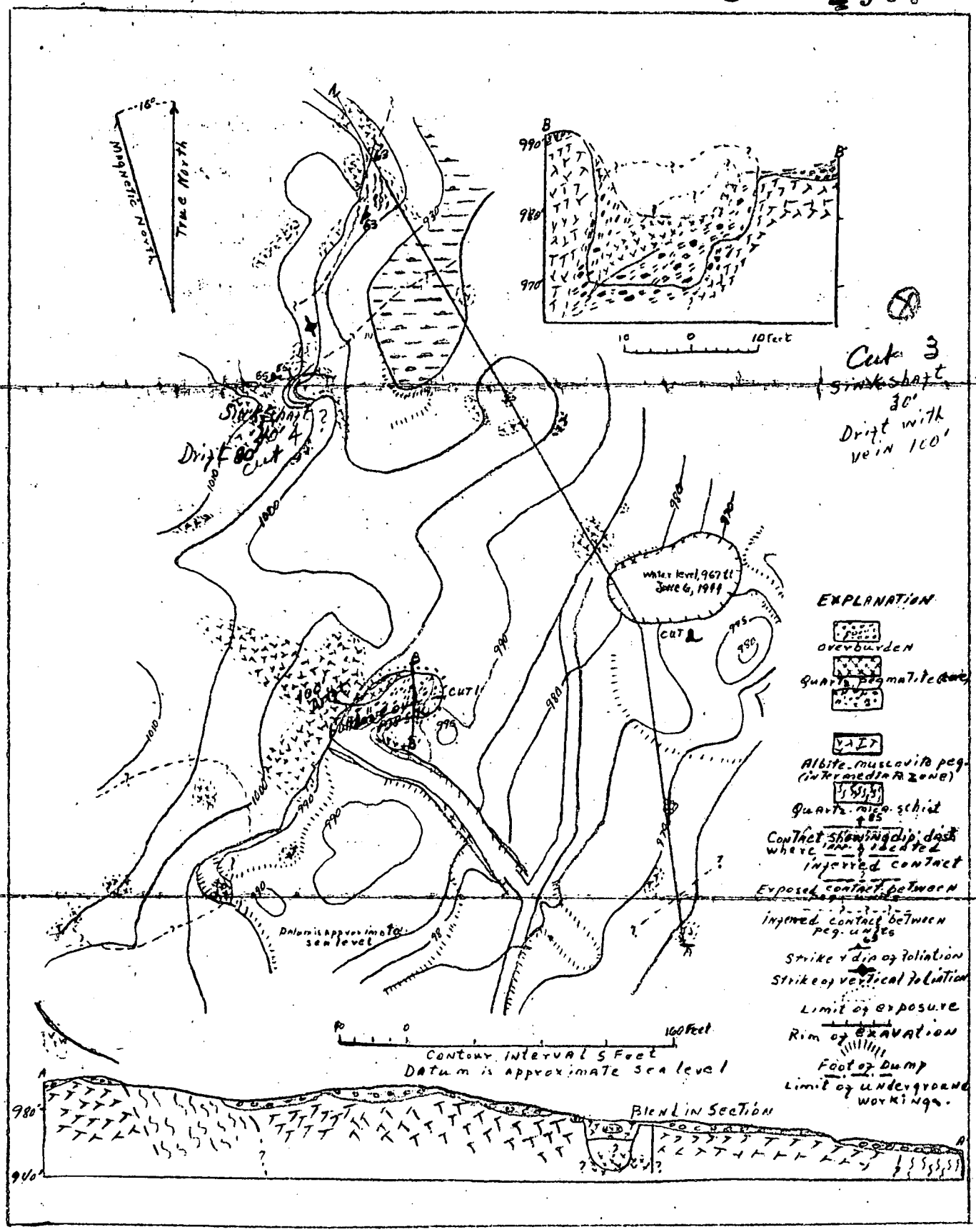
Prospect IV -

40' Shaft (5'X 7'shaft) @ $50.00 per foot - - - - - - - - $ 2000.00

80' Drift (5'X 7'drift) @ $40.00 per foot - - - - - - - - 3200.00

Total estimated Cost: $ 5200.00

Total estimated cost of Prospects I, III and IV - - - - $ 15,100.00


16°
Magnetic North
True North
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980
970
B'
10 0 10 feet
Cut 3
sinkshaft
30'
Drift with
vein 100'
Sinkshaft ?
Drift 80'
Cut 4
1000
1000
990
990
water level, 967 ft
June 6, 1949
CUT 2
995
990
100'
Water
CUT 1
990
990
990
990
990
Dolomite approximate
sea level
EXPLANATION
overburden
quartz pegmatite
Albite-muscovite peg.
(intermediate zone)
quartz-mica schist
Contact showing dip, dash
where inferred
inferred contact
Exposed contact between
peg. units
inferred contact between
peg. units
Strike & dip of foliation
Strike of vertical foliation
Limit of exposure
Rim of excavation
Foot of dump
Limit of underground
workings.
100 0 100 feet
Contour interval 5 feet
Datum is approximate sea level
A
980'
940'
Blend in Section
A'

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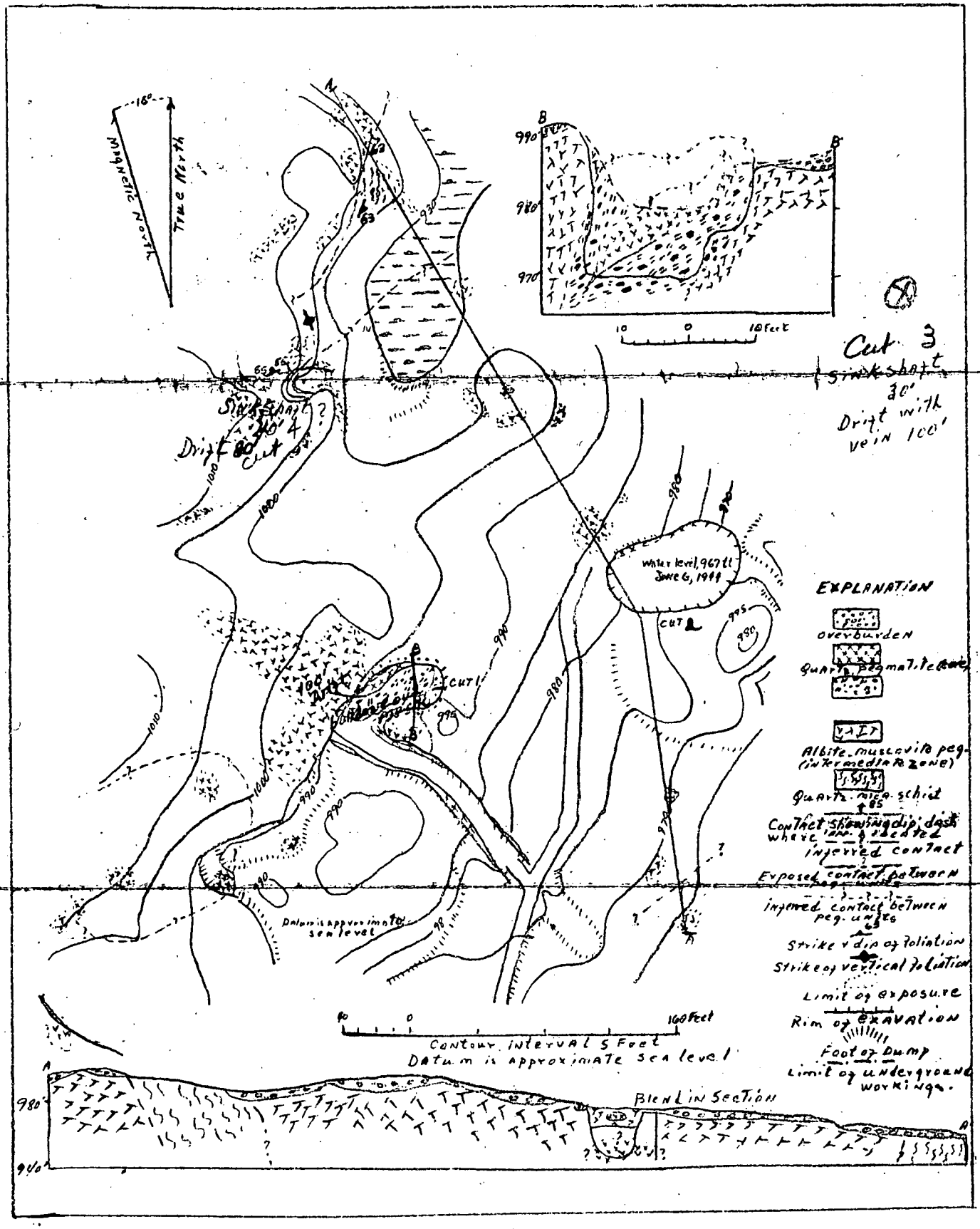
Magnetic North
True North
Cut 3
Sinkshaft 30'
Drift with vein 100'
Sinkshaft 40'
Drift 80
Cut 4
Water level, 967 ft June 6, 1949
CUT 1
CUT 2
Datum is approximate sea level
EXPLANATION
overburden
Quartz pegmatite
Albite-muscovite peg. (intermediate zone)
Quartz-mica schist
Contact showing dip, dashed where inferred
Inferred contact
Exposed contact between peg. units
Inferred contact between peg. units
Strike & dip of foliation
Strike of vertical foliation
Limit of exposure
Rim of excavation
Foot of dump
Limit of underground workings.
Contour interval 5 Feet
Datum is approximate sea level
Block Line Section
10 0 10 Feet
60 0 100 Feet

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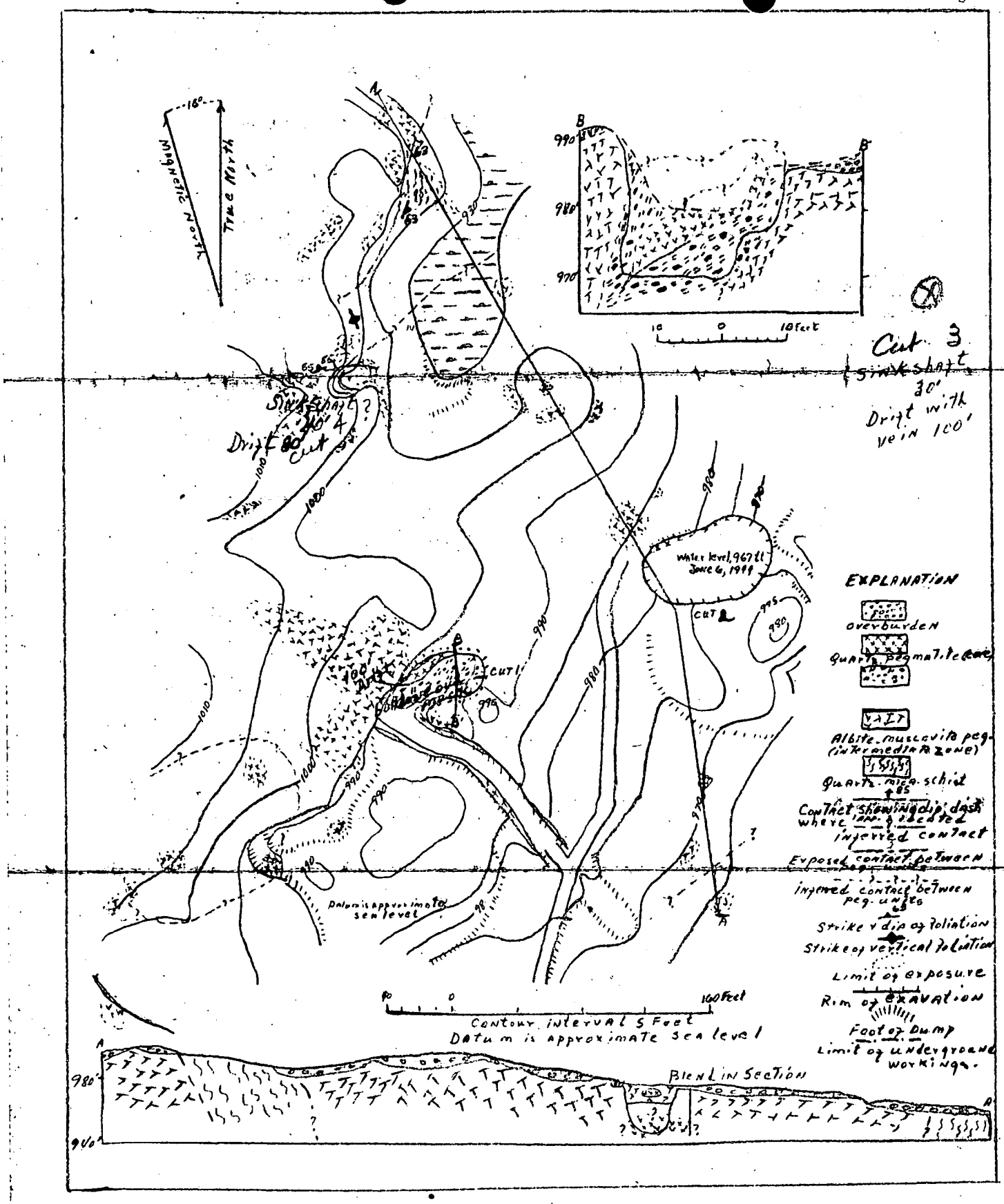
Magnetic North
True North
16°
Cut 3
Sinkshaft 30'
Drift with vein 100'
Sinkshaft ? 30'
Drift 80'
Cut 4
Water level, 967 ft June 6, 1949
Cut 2
Cut 1
Dump approximate sea level
EXPLANATION
overburden
Quartz pegmatite
Albite-muscovite peg. (intermediate zone)
Quartz-mica-schist
Contact showing dip; dash where inferred
inferred contact
Exposed contact between peg. units
inferred contact between peg. units
Strike & dip of foliation
Strike of vertical foliation
Limit of exposure
Rim of excavation
Foot of Dump
Limit of underground workings.
100 Feet
Contour interval 5 Feet
Datum is approximate sea level
Blen Lin Section
980'
940'

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RECEIVED 26 1958

DATE	INITIALS	CODE

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5/13	Houk	600
"	Johnson	110
"	Mittendorf	100
5/13	C O	220
		600

600

MAY 13 1958

Mr. John Phillips

Spruce Pine, North Carolina

Re: Docket No. DMEA-4967-Mica
M. G. Sparks and John Phillips
Globe Prospects II, III and IV
Sullivan County, New Hampshire

Dear Mr. Phillips:

We have not received a reply to our letter of April 1, 1958, requesting additional information on the subject application for exploration assistance.

Unless we receive the requested information we will not be able to resume the processing of your application. Please give this matter your prompt attention.

Sincerely yours,

Lawrence G. Houk, Director
Division of Nonmetallic Minerals

LGHouk:gad 5/13/58
Copy to: Admr. R. File
Filed Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

File team has established by mining [illegible]

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/1	Houk	600
"	Johnson	110
"	Hutchinson	100
4/3	[illegible]	220
/		600

600

APR 1 1958

Mr. John Phillips

Spruce Pine, North Carolina

Re: Docket No. DMEA-4967-Mica
M. G. Sparks and John Phillips
Globe Prospects II, III and IV
Sullivan County, New Hampshire

Dear Mr. Phillips:

Reference is made to your application for exploration assistance at the Globe Prospects in Sullivan County, New Hampshire.

We are unable to locate Prospects II, III and IV with respect to the boundary line of the leased area. Please provide a map or sketch showing the outline of the leased property, and the location of the three prospects.

Please provide a copy of the consent of Lessors by which Sam Phillips conveyed his interest in the lease to you and Mr. M. G. Sparks, as required in Article 14 of the lease.

Sincerely yours,

Lawrence G. Houk, Director
Division of Nonmetallic Minerals

LGHouk;gad 4/1/58
Copy to: Admr. R. File
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

IN REPLY REFER TO:

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

RECEIVED MAR 27 1958

DATE	INITIALS	CODE
3/27	C	220
4/1	Houk	600

Memorandum

March 26, 1958

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

From: W. P. Williams, U. S. Geological Survey

Subject: Review of application, DMEA 4967 (mica), John Phillips, Globe prospects II, III, and IV, Sullivan County, New Hampshire.

The applicant proposes to explore for ruby mica on a leasehold in Sullivan County, New Hampshire. The proposed project would consist of surface bulldozing, shaft sinking, and drifting. Total estimated cost of the project is $15,100.

The application is not well prepared. It is not possible, for instance, to determine from the application exactly where the property is located except that it is "approximately ten miles northwest of Grafton, N.H." A copy of a lease and a crude map (without scale) describes and depicts the property; but the area of the leasehold is not stated.

A property known as the "Globe Mica mine" is described in U. S. Geol. Survey Prof. Paper 255, p. 280-282, 1954. The Globe mine described is located about 5 miles southwest of Grafton. The writer assumes that the described Globe mine is the same as the applicant's leasehold because a property located northwest of Grafton would fall outside of Sullivan County.

Some exploration work may be warranted on the property. Professional Paper 255 describes the deposit as a zoned pegmatite with a quartz core. The statements are made, "The muscovite (obtained in 1944) was rum, hard, and free-splitting, and was not excessively ruled or reeved. A satisfactory quantity of sheet mica was recovered from it. ..... If further mining for mica were contemplated, it would be desirable to expose the margins of this body more completely to determine the presence of the albite-muscovite zone." An appropriate exploratory project might consist of surface bulldozer trenching followed by shaft sinking and drifting.

The applicant states he will furnish money and equipment but does not say whether he plans to do all the work himself or to sub-contract part. If he plans to sub-contract, he has not submitted competitive bids from contractors.

The applicant could properly be asked for more information about the points mentioned above. An alternative procedure would be referral of the application to the Field Team. Necessary information could be obtained in the course of field examination of the property.

W. P. Williams

W. P. Williams

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

March 26, 1958

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA- 4967 (mica)

Applicants: M. G. Sparks and John Phillips

Name and Location of Property: Globe Prospects II, III, and IV
Sullivan County, New Hampshire

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 3/24/58

Comments:

1. These three prospects are located on one tract of land and applicants state that prospect II has been worked before as an open pit with good mica having been recovered.

2. Applicants further state that pegmatite veins, with strategic mica visible, outcrop on the other two prospects.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and the applicants should agree on a definite plan of exploration on a unit-cost basis.

DMEA
RECEIVED MAR 28 1958

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3/31	[illegible]	600

W. F. Dietrich

W. F. Dietrich

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

March 24, 1958

Mr. John Phillips
Spruce Pine, North Carolina

Subject: DMEA-4967

Dear Mr. Phillips:

Your application for exploration assistance, dated March 19, 1958 submitted to our office at Washington, D. C. has been assigned Docket Number DMEA-4967 and referred to the Non Metallics Minerals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to: Region V