DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 4764

Application
- [ ] 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- [ ] Withdrawn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

- [ ] 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

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 JUN 14 1957 D.M.E.A.

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT

To the United States of America:

Referring to that certain land in the County of Mitchell, State of _____, described as ~~XXXXXXXXXX~~

In A Certain Mineral Lease dated June 3rd, 1957 and duly recorded in records of Mitchell County, North Carolina in Book # _____, on Page # _____.

_____,
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 other document] dated _____, and recorded in Book _____, Page _____, official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

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: NONE (State "None" or "See Annex No.____")

Dated this 5th day of June, 1957

x Ed Murdock	[Seal]	Rt.3. Bakersville, N.C.	[Address]
x Ellie Murdock	[Seal]	Rt.3. Bakersville, N.C.	[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (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.

_____

[Corporate Seal]

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

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

RECEIVED JUN 14 1957 D.M.E.A.

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

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_____,
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 other document] dated _____, and recorded in Book _____, Page _____, official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

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: NONE (State "None" or "See Annex No.____")

Dated this 5th day of June, 1957.

x Ed Murdock [Seal] Rt. 3, Bakersville, N.C. [Address]

x Ellie Murdock [Seal] Rt. 3, Bakersville, N.C. [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (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.

_____

[Corporate Seal]

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

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

RECEIVED JUN 14 1957 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 Mitchell, State of _____, described ~~as follows~~

In A Certain Mineral Lease dated June 3rd, 1957 and duly recorded in records of Mitchell County, North Carolina in _____ Book # _____, on Page # _____.

_____,
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;

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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: NONE (State "None" or "See Annex No.____")

Dated this 5th day of June, 1957.

x Ed Murdock [Seal] Rt.3. Bakersville, N.C. [Address]

x Ellie Murdock [Seal] Rt.3. Bakersville, N.C. [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (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.

_____

[Corporate Seal]

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

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

RECEIVED
JUN 14 1957
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 Mitchell State of _____, described ~~as follows~~ 2/

In A Certain Mineral Lease dated June 3rd, 1957 and duly recorded in records of Mitchell County, North Carolina in Book # _____ on Page # _____.

_____,
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--

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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: None (State "None" or "See Annex No.____")

Dated this 5th day of June, 195 7

x Ed Murdock [Seal] ~~Rt.3. Bakersville, N.C.~~ [Address]

x Ellie Murdock [Seal] ~~Rt.3. Bakersville, N.C.~~ [Address]

_____ [Seal] _____ [Address]

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

Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
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x Ed Murdock [Seal] Rt. 3. Bakersville, N.C. [Address]

x Ellie Murdock [Seal] Rt. 3. Bakersville, N.C. [Address]

_____ [Seal] _____ [Address]

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_____ [Seal] _____ [Address]

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[Corporate Seal]

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

Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
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CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

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Dated this 5th day of June, 195 7

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x Ellie Murdock [Seal] Rt.3. Bakersville, N.C. [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

I, _____ certify that I am the _____ (Secretary, etc.) of the corporation named herein; that _____ who signed this agreement was then _____ (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.

_____

[Corporate Seal]

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1-1-1 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 14 1957

DATE	INITIALS	CODE

June 12, 1957

Memorandum

To: Operating Committee, DMEA - ~~Washington~~

From: DMEA Field Team, Region V - Knoxville, Tenn.

Subject: Application : Hoyle & Sparks, c/o Howard Hoyle, Route #3, Bakersville, North Carolina
Hoyle & Sparks Prospect (mica) Mitchell County, N.C.

Transmitted are three copies of the subject application, 6 copies of Consent to Lien, and one copy of the lease on the subject prospect.

One copy of the application has been retained by this office.

V. J. Lynch

V. J. Lynch, Acting Executive Officer
DMEA Field Team, Region V

Helmuth Wedow, Jr.

Helmuth Wedow, Jr., Geologist
U. S. Geological Survey

z

Tract # 2
By Lease

Legal Description Of The Edd Murdock
11 Acre Tract Of Land As Recorded In
Deed Book # 102, Page # 517 In Register
Of Deeds Office For Mitchell COUNTY, N.C.

Being in Snow Creek Township, Mitchell County, N.C. and described as follows:

Begining on a Rock on the North bank of Parsnip Branch about 6 poles above the Falls and runs South, 30 degrees West, 4 poles to a White Oak; thence South, 45 degrees West, 21 poles to a stake; thence South 29 degrees West, 50 poles to an Oak tree in E.T. Willis' line; thence South, 18 degrees West, with the E.T. Willis line to a Balm Tree; thence North, 78 degrees East, down with the Branch 34 poles to a Spruce Pine, Henry Willis corner; thence North, 75 degrees East, 10 poles to a Stake at the road; thence North 40 degrees West, 14 poles with road to a stake in the road; thence North, 15 degrees East, 20 poles with the road to a stake; thence North 9 degrees East 10 poles to a stake in the road; thence North, 46 degrees East, with road 16 poles to a concrete post, Brown Sparks corner; thence South, 81 degrees West. 2 poles and 8 feet to a stake at edge of road at concrete wall; thence North 41 degrees West, 5 poles to a White Pine near the creek; thence North, 46 degrees East, 6 poles to a Poplar tree on creek bank; thence North, 26 degrees West, about 6 poles to a stake at the turn of the road; thence North 55 degrees West, 8 poles to the Begining. Containing (11) acres more or less

Tract # 1
By ownership

A Legal Description Of The Howard Hoyle
9 acre Tract Of Land As Recorded In Deed
Book # 105, Page # 627 In Register Of Deeds
Office For Mitchell County, N.C.

Being in Snow Creek Township, Mitchell County, N.C. described as follows:

Begining at an Apple tree, the corner of the Mill tract and runs with the old line North 9½ poles to a big Spanish Oak; thence North 26 degrees East, 32 poles to a stull of Chestnut Sprouts in Spark's line; thence East with said line 32 poles & 10 links to an Apple tree; thence South, 47 degrees East, 6 poles to a stake; thence North 63 degrees East, 11 poles & 7 Links to a stake at an Apple tree; thence East, 12½ poles to a Beech by the Young purchase; thence down and with the road to a stool of Spanish Oaks, corner of the Mill tract; thence North, 29 degrees West, 19 poles to the Begining. Containing (9) Acres more or less

Excepting from above tract, 5 acres heretofore sold to Brown Sparks See Deed Book #_____, Page #_____, Records of Mitchell County, N.C.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

Not to be filled in by applicant

Docket No. 4764
Metal or Mineral MICA
Date Received 6-14-57
Estimated Cost $4,917
Participation (Government %)

RECEIVED JUN 14 1957 D.M.E.A.

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:
Hoyle & Sparks, (A Partnership)
Howard Hoyle, Rt.3. Bakersville, N.C.
Brown Sparks, Rt.3. Bakersville, N.C.
Mail To: Howard Hoyle, Rt.3. Bakersville, N.C.

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

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

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

RECEIVED JUN 12 1957

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract
See Description of (2) Tracts Attached)
1st tract by virture of owhership
2nd tract by virture of Mineral lease

(*b*) State any mine name by which the property is known. Hoyle & Sparks Mica Prospect

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise
1st Tract: Owner 2nd Tract: Lessees

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

(*e*) If you own the land, describe any liens or encumbrances on it
None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.
None

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

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

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

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

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

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

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

(*c*) The work will start within 30 days and be completed within 3 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. See attached sheets

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.). None

(*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. see attached sheets

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

(*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. do

(*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. do

(*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. do

(*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. do

(*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)? Yes

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

☐ Money ☒ Use of equipment owned by you ☒ Other Labor

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 5th, 195 7

Boyle & Sparks, (Partnership)
(Applicant)

By Howard Boyle (Partner)

Rt.3. Dakersville, N.C.

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

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 14 1957
DATE | CODE

Re: Hoyle & Sparks, (Partners)
c/o Howard Hoyle,
Rt.3.
Bakersville, N.C.

SUPPLEMENT SHEET NO.1.
-ree
FORM MF-103, (Revised)

Section 4-(a) PHYSICAL DESCRIPTION.

The mica prospect hereinafter referred to as the "Hoyle & Sparks Prospect", is located in Snow Creek Township, Mitchell County, State of North Carolina, on the lands of Mr. Howard Hoyle, one of the applicants herete. The prospects lys approximately 100 yards south of the Hoyle residence on the East side of a low ridge and about 50 feet above the meanders of Snow Creek. There has been no mining done prior to the current operation. The present workings consist of an open pit some 5 to 6 feet in diamiter and from 4 to 6 feet deep. The prospect was discovered by Brown Sparks, one of the applicants, a few weeks ago and the only work done to date consisting of 3 or 4 shallow holes drilled and shot in the vein has resulted in the recovery of from 50 to 75 pounds of good grade green mica in books up to 4" X 4" in size. The site of prospect is very conviently located being only about 200 yards off the hardtopped Snow Creek road.

Sect. 4-(b) PAST & CURRENT PRODUCTION DATA.

To date, there has been approximately 75 lbs of crude mica recovered from the prospect as noted in Sect. 4-(a) above. No previous mining done thus no past production data. Mining operations are being done at the site by hand method with some mica recovered daily.

Sect. 4-(c) GEOLOGIC DATA OF PROSPECT.

The main pegmatite body averaging about 3½ feet between the hangwall and footwall slates, strikes a course roughly NE-SW with pitch of the body to the south on an angle of approximately 35 degrees. Only the footwall slate is exposed in the shallow pit but an outcrop of the hangingwall slate a few feet above the pit tends to establish the pegmatite body as being some 3 to 4 feet thick at this point. An examination of the open pit and the small dump shows the body to be composed of layers of hard soda feldspar with vienlets of quarts intermingled with some granite and rich mica rock binder. A quartz core approximate 8 to 10 inches is prominiently located and the mica books appear to be most plentiful near the footwall slate but due to the lack of sufficient work yet having been done at the prospect it is impossible to give an accurate geologic datum of the prospect at this time. The mica is of green color and while a few tied books have been noted, the majority of the mica recovered todate is of good size & texture.

Sect. 4-(d) ACESSIBILITY OF PROSPECT.

The prospect is just off the hardtopped Snow Creek road and can be reached by taking N.C. state highway # 26 either North from Spruce Pine or South from Bakersville to point where it intersects with the Snow Creek road. Take Snow Creek road 3/4 mile south to the resident of Howard Hoyle. Prospect lys approximately 100 yards south of the Hoyle dwelling house . Electric power line is within 100 yds of prospect. Water supply less than 100 feet from prospect. Nearest house about 100 yards from prospect and main supply point at Spruce Pine, N.C. about 8 miles distance.

Re: Hoyle & Sparks, (Partners)
c/o Howard Hoyle,
Rt.3.
Bakersville, N.C.

SUPPLEMENT SHEET NO. 2.
-re-
FORM MF-103, (Revised)

Sect. 4-(e) MANPOWER-SUPPLIES-MATERIALS, Ects.

An ample number of fully experienced miners are available for the proper operation of the proposed mica exploratory project and all necessary equipment, supplies and materials are available at Spruce Pine or Penland, N.C. both supply points being near by the proposed project site over good hardtopped highways.

Sect. 5-(a) PROPOSED EXPLORATORY WORK.

It is proposed by the applicants that the present open pit be converted into an open shaft approximately 5 X 7 feet in diamiter and that this shaft be driven to a depth of 60 feet down with dip of the main pegmatite body. (2) That upon reaching the 60 ft lower level of the shaft, that a drift be driven both ways (NE-SW) with the strike of the main pegmatite body for a distance of 25 ft from the center of said shaft or a total of 50 ft driftage. The applicants consider this as a minimum operation for the proper exploration of this mica prospect.

Sect. 5-(d) . MINING QUALIFICATIONS OF WORKERS.

Both the applicants have had several years actual mining experience and would take an active part in the mining operation of the proposed mining project. The Supervision of this operation to be in charge of Mr. Brown Sparks, one of the applicants who has had in excess of ten years actual mining experience. Any and all other workers hired on this project would be thoroughly experienced men.

Sect. 6-(b) . LABOR--SUPERVISION & CONSULTANTS.

No.	Class.	Hrly Rate	Wkly Rate	12 Week Period Est'd Cost--480 Working Hrs.
1	Supervisor	$ 1.75	$ 70.00	$ 840.00
1	Drill Operator	1.50	60.00	720.00
1	Hoist Operator	1.25	50.00	600.00
2	Muckers @ 1.00 ea	2.00	80.00	960.00
5	Man Crew	$ 6.50	$ 260.00	$ 3120.00

Sect. 6-(c) . OPERATING MATERIALS & SUPPLIES--(Purchase Basis)

Unit.	Items	No. Units	Unit Cost.	Est'd Costs For The 12 Week Period.
Lbs.	Dynamite , 40% Gel	400	$ 0.25	$ 100.00
Ea.	El. Exploders, 6'	300	0.15	45.00
Gal.	Gasoline	450	0.24	108.00
Qts.	Motor Oil	100	0.22	22.00
Ea.	El. Blast'g Battery	1	25.00	25.00
Ea.	Line Lubricator	1	20.00	20.00
Lft.	1" Air Line (Metal)	200	0.16	32.00
Ea.	Mine Bucket	1	8.00	8.00
Lft.	Tung. Drill Steels	24	6.40	153.60 (2-6' runs)
TOTALS----------				$ 513.60

Re: Hoyle & Sparks, (Partners)
c/o Howard Hoyle,
Rt.3.
Bakersville, N.C.

SUPPLEMENT SHEET NO.3.
-re-
FORM MF-103, (Revised)

Sect. 6-(d) OPERATING EQUIPMENT--(Mthly Rental Basis)

Unit.	Items	No. Units	Unit Costs	Est'd 12 Week Period Costs.
Ea.	Air Compressor # 105	1	$ 150.00	$ 450.00
Ea.	Jackhammer Drill	1	50.00	150.00
Ea.	Hoisting Engine	1	50.00	150.00
Ea.	El. Water Pump	1	35.00	105.00
Ea.	Mining Jackleg	1	15.00	45.00
TOTALS		5	$ 300.00	$ 900.00

Sect. 6-(f) . BLDGS & INSTALLATIONS--(Purchase Basis)

Unit.	Items	No. Units	Unit Costs.	Est's Costs For 12 Week Period
Ea.	Toolhouse & Shop	1	$ 75.00	$ 75.00
Ea.	Powder Magazine	1	25.00	25.00
Ea.	Exploder Magazine	1	15.00	15.00
TOTALS		3	$ 115.00	$ 115.00

Sect. 6-(g) . MISCELLANEOUS EXPENSES--(Cash)

Federal Payroll Taxes @ 2% of $ 3120.00 Payroll	$ 62.40
Employers Liability Ins. (5 Man Crew) Est'd	200.00
TOTALS	$ 262.40

Sect. 6-(h) . CONTINGENCIES------None.

Sect. 7-(b) . EXPLINATION OF OPERATORS 25% PARTICIPATION IN PROJECT COSTS.

The operators(applicants) will furnish the entire costs of the heavy mining equipment (6-d) $ 900.00 plus $ 327.75 of the total estimated cost of labor or a total of $ 1,227.75 which represents 25% of theestimated total costs of the proposed project.

.....

RECAPITULATION OF ESTIMATED COSTS OF PROJECT
--- BY UNITS---

Sect. 6-(b)	Labor & Supervision	12 Week Period	$ 3,120.00
Sect. 6-(c)	Operating Materials-Supplies	" " "	513.60
Sect. 6-(d)	Operating Equipment	" " "	900.00
Sect. 6-(f)	Bldgs & Installations	" " "	115.00
Sect. 6-(g)	Miscellaneous Expenses	" " "	262.40
TOTAL ESTIMATED COSTS OF PROJECT		12 Week Period	$ 4,911.00
OPERATOR'S SHARE OF ABOVE @ 25% OF EST'D COSTS			$ 1,227.75
GOVERNMENT'S SHARE, 75% OF COSTS & AMOUNT OF LOAN SOLICITED			$ 3,683.25

Respectfully submitted,
Hoyle & Sparks, (Partnership)

By: Howard Hoyle, Partner.
Rt.3. Bakersville, N.C.

Legal Description Of The Edd Murdock
11 Acre Tract Of Land As Recorded In
Deed Book # 102, Page # 517 In Register
Of Deeds Office For Mitchell COUNTY, N.C.

RECEIVED JUN 14 1977 D.M.E.A.

Being in Snow Creek Township, Mitchell County, N.C. and described as follows:

Begining on a Rock on the North bank of Parsnip Branch about 6 poles above the Falls and runs South, 30 degrees West, 4 poles to a White Oak; thence South, 45 degrees West, 21 poles to a stake; thence South 29 degrees West, 50 poles to an Oak tree in E.T. Willis' line; thence South, 18 degrees West, with the E.T. Willis line to a Balm Tree; thence North, 78 degrees East, down with the Branch 34 poles to a Spruce Pine, Henry Willis corner; thence North, 75 degrees East, 10 poles to a Stake at the road; thence North 40 degrees West, 14 poles with road to a stake in the road; thence North, 15 degrees East, 20 poles with the road to a stake; thence North 9 degrees East 10 poles to a stake in the road; thence North, 46 degrees East, with road 16 poles to a concrete post, Brown Sparks corner; thence South, 81 degrees West. 2 poles and 8 feet to a stake at edge of road at concrete wall; thence North 41 degrees West, 5 poles to a White Pine near the creek; thence North, 46 degrees East, 6 poles to a Poplar tree on creek bank; thence North, 26 degrees West, about 6 poles to a stake at the turn of the road; thence North 55 degrees West, 8 poles to the Begining. Containing (11) acres more or less

This Copy For DMEA Office Files.

MINING LEASE

State of North Carolina MITCHELL County:

This indenture made this 3rd day of JUNE 1957, ~~1953~~,

between EDD MURDOCK AND WIFE, Ellie MURDOCK,

of MITCHELL County and State of North Carolina as party of the first part, and known as lessor, and HOWARD HOYLE and BROWN SPARKS, d/b/a/ HOYLE & SPARKS

of MITCHELL County and State of North Carolina, party of the second part and known as lessee. S

RECEIVED JUN 14 1957 D.M.E.A.

WITNESSETH, That the part Y of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

SEE LEGAL DESCRIPTION OF LAND
ATTACHED HERETO.

TO HAVE AND TO HOLD the said lands to him, for mining purposes, the said lessee and his heirs and assigns for the aforesaid period of five years in compliance with the condition of this instrument, for the purpose and with the right to dig, quarry, search, explore for, obtain, and remove any kind of minerals, metals or fossils, and particularly mica, and to conduct the same to any extent the said party of the second part, the lessee, may desire. And it is hereby agreed between the parties to this agreement that the party of the second part is to have the use of any unoccupied buildings on said lands for mining purposes, and that he shall have the right to erect such buildings as he needs to carry on such mining operatins during the period of this lease, and that the party of the second part shall keep the same in as good condition as when received, unavoidable accidents excepted. And it is also agreed by the party of the second part that no unnecessary damage is to be done to the lands herein leased during the period of this lease and the continuance of said lease, but the said party of the second part shall have the right to take from said lands leased to the party of the second part any wood or timber the party of the second part may need to carry on said mining operations or which may be needed to carry on the addition to existing buildings or to erect new buildings or sheds on said lands. (Timber of high or special market value is excepted and shall not be used by the lessee.) And it is hereby agreed that the party of the second part, the lessee, is to have right-of-way of ingress and egress to said mines or land upon which exploration is being conducted.

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said part of the first part, or his or their heirs or assigns, a rental royalty of ONE EIGHTH (1/8TH) ON ALL MICA MINED & SOLD OFF LANDS COVERED BY THIS LEASE

on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, shall have the option to renew this lease and to extend the period of its running for an additional five years from the date of its present termination. The option shall be exercised by giving formal written notice to the party of the first part or by the continuation of any mining operations then being conducted. The lessor reserve the right to use the land, or convey the same not conflicting with this lease, but under any conveyance the terms of this lease must be recognized by the grantee, purchaser, or assigns thereof. And it is agreed that the lessee may assign this mining lease or any part thereof and that he may sublease.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, is hereby given an option to purchase all the right, title and interest, legal and equitable to and in the real estate described and set forth in this lease for a total purchase price of NONE, said purchase price to be paid in full within three years from the date of this instrument and it is agreed that all rental royalties paid to the party of the first part shall apply toward and be a part of the total purchase price above set forth, and that at such time that the total purchase price is paid in the form of royalties or a lump sum payment or a combination of both, the party of the first part will execute a special warranty deed to the party of the second part and that a tender of the remaining purchase price at any time within the next three years shall entitle the party of the second part to specific performance of this option contract.

BUT IT IS EXPRESSLY AGREED That unless mineral or fossil material of practical value for mining purposes shall be found within a period of two years from the date of this instrument, the lease may be terminated by the lessee at any time thereafter on thirty days notice to the lessor. The lessee agrees that during the period of this lease or the continuance of this lease work in said mines or exploration for new mines within the area leased shall not cease longer than ninety days at any one time, unavoidable accidents excepted.

WITNESS our hands and seals the day and year first above written.

x Edd Murdock (seal)

Witness: x Ellie Murdock (Seal)

x Howard Hoyle (Seal)

x Brown Sparks (Seal)

(see reverse side of this sheet)

NORTH CAROLINA,

MITCHELL COUNTY.

Before me, R.P. Greene, Clerk of the Superior Court in and for the County & State aforesaid, this day, personally appeared Edd Murdock and wife, Eddie Howard Hoyle & Brown Sparks, Murdock, to me well known, and who by their signatures subscribed herete, acknowledges the due execution of the foregoing instrument for the purpose therein expressed.

Witness my hand and official seal, this the 8 day of June, 1957

R.P. Greene

(SEAL)

R.P. Greene,
Clerk Superior Court
Mitchell County, N.C.

NORTH CAROLINA,

MITCHELL COUNTY.

Filed For Registration at 11:30 o'clock ~~A.M.~~--P.M. on this the 8 day of June, 1957, and duly recorded this the 8 day of June, 1957, in C.S.C. Book # 19, Page # 365.

Bill Masters

(SEAL)

Bill Masters,
Register of Deeds
Mitchell County, N.C.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
8/1	Anderson	600
8/1	Houk	600
8/2	Martin	130
8/2	[illegible]	130
8/2	Kiilsgaard	130
"	Johnson	110
"	Mittendorf	100
8/2	P.K.	220
		225

600

AUG - 2 1957

Messrs. Howard Hoyle
and Brown Sparks
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-4764-Mica
Hoyle and Sparks
Hoyle and Sparks Mica Prospect
Mitchell County, North Carolina

Gentlemen:

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

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information indicates to us that the probability of disclosing significant reserves of mica is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

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 (bw)

Administrator

WCAnderson:rsi 7/31/57
Copy to: Admr. R. File
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
8/1	Anderson	600
8/1	Houk	600
		100
		220

600

August 1, 1957

Memorandum

To: Mr. C. O. Mittendorf, Administrator

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

Subject: Evaluation of application and field examination report.
Docket No. DMEA-4764-Mica
Howard Hoyle and Brown Sparks
Hoyle and Sparks Mica Prospect
Mitchell County, North Carolina

Denial of application is recommended.

Mica: Green colored, small in size, bent, and cracked. Most is mineral-stained, with inclusions of biotite and iron oxides. Only small quantity of strategic value mica.

Pegmatite: Thin, discontinuous bodies. Largest exposed is 3½ feet thick by 5 feet long by indeterminable dip extent. Consists of plagioclase, quartz, and muscovite, and is conformably enclosed in country rock which is feldspathic quartz-biotite gneiss, alaskite and pegmatitic alaskite.

Workings: Two shallow pits averaging 4 feet deep.

Past Production: None.

Recommendations: Because the pegmatite bodies have limited strike and dip extent and most of the mica is of non-strategic grade, the Field Team recommends denial of the application. The Division of Nonmetallic Minerals and the Commodity Members of the Geological Survey and Bureau of Mines concur.

Walter C. Anderson
Walter C. Anderson
Division of Nonmetallic Minerals

WCAnderson:rsi 7/31/57
Copy to: Admr. R. File
Mr. Houk

8623

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

July 31, 1957

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Donald R. Irving, Acting Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4764 (mica)

Applicant: Howard Hoyle and Brown Sparks

Name and Location of Property: Hoyle and Sparks Prospect, Mitchell County, North Carolina

Date of Field Team Report: July 23, 1957

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: July 30, 1957

Field Team Recommendation: Recommend denial of exploration assistance.

Comments:

1. Only previous work at this prospect was two shallow pits from which 50-75 pounds of "mine-run" mica was reported to have been recovered.

2. Pegmatite bodies have a limited strike and dip extent.

3. Majority of mica seen by field examiners was not of strategic quality.

Recommendation:

I concur with the recommendation of the field team for denial of the application.

Donald R. Irving

Donald R. Irving

IN REPLY REFER TO:

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

July 30, 1957
Re: DMEA 4764
Howard Hoyle & B. Sparks
Sparks Prospect
Mitchell County, N. C.
$4,911.00 - Mica

Memorandum

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

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

Subject: Review of Field Team Report

The applicants requested assistance in exploring a 3½-foot newly discovered zoned pegmatite from which, by hand methods, mica was being recovered.

The examiners found the recovered mica, 50-75 pounds of "mine run", had come from a 3½-foot pegmatite with a demonstrated strike length of 5 feet in one pit. In another pit are three short, thin lenses of pegmatite.

Little of the mica recovered is of strategic quality.

The examiners infer the wider body of mica is, like the small lenses, of limited extent, and as the mica is of inferior quality, recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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RECEIVED JUL 31 1957

DATE	INITIALS	CODE
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		600

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 18 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

WASHINGTON 25, D.C.

July 23, 1957

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DATE		CODE
7/25	C	220
7/29	C	130
7/29	WCM	220
		600

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tenn.

Subject: Field Examination Report, DMEA-4764-mica.
Howard Hoyle and Brown Sparks, Bakersville, N.C.
Hoyle & Sparks Prospect, Mitchell County, N.C.

Enclosed are the original and two copies of the subject examination report.

We agree with the recommendation for denial.

Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA
Region V

V. J. Lynch
V. J. Lynch, Member
Bureau of Mines

On-Site Exam Rpt.

Reviewed by
DMEA OPERATING COMMITTEE
7-29-57
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ORIGINAL COPY
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FIELD EXAMINATION REPORT

On

DMEA-4764 (mica) HOYLE AND SPARKS PROSPECT
Mitchell County, N. C.

By

S. C. Bergman and D. H. Amos, Geologists
U. S. Geological Survey

and

L. E. Shirley and S. A. Feitler, Mining Engineers
U. S. Bureau of Mines

Examined
July 9, 1957

Reviewed by
DMEA OPERATING COMMITTEE
7-29-57
(date)

FIELD EXAMINATION REPORT

On

DMEA-4764(mica) HOYLE AND SPARKS PROSPECT

Applicant: Howard Hoyle and Brown Sparks, Route #3, Bakersville, N.C.

SUMMARY

Thin, discontinuous pegmatites are exposed in two shallow pits at this prospect. Most of the mica is not of strategic quality. It is recommended that exploration assistance be denied.

INTRODUCTION

The Hoyle and Sparks Prospect was examined July 9, 1957. Messrs. Howard Hoyle, Brown Sparks and Cecil Phillips accompanied the Examiners on the inspection which required about 1 1/2 hours.

The Prospect is 0.9 airline miles N 12°W of Wing, Mitchell County, North Carolina on the southeast bank of Snow Creek (Micaville, N.C. Quad. TVA.,209-NW, 1/24,000).

No equipment or facilities are present on the property. Electricity and water are readily available. An all-weather gravel road passes within 120 feet of the Prospect.

PREVIOUS WORK AND PRODUCTION

The only previous work conducted at this Prospect consisted of blasting two shallow pits averaging 4 feet deep (see attached map). A total of 50 to 75 pounds of "mine-run" mica is reported to have been recovered from this trenching.

GEOLOGY

A zone of thin, discontinuous pegmatites is exposed in the two pits. They have neither extensive strike nor dip extent. The enclosing country rock is feldspathic quartz-biotite gneiss, alaskite and pegmatitic alaskite. The pegmatite bodies are concordant to the foliation of the enclosing gneiss which strikes N 30 to 60° E. and dips 35 to 50° SE. The largest body, which is exposed in the northeast pit, has a maximum thickness of 3 1/2 feet, a strike length in excess of 5 feet and an indeterminable dip extent.

The pegmatite consists of plagioclase, quartz and muscovite.

The mica is green-colored, small in size, bent and cracked. Most is mineral-stained, having inclusions of biotite and iron oxides. Only a small quantity of the muscovite is of strategic quality.

RECOMMENDATIONS

As the pegmatite bodies have only limited strike and dip-extent and most of the mica is not of strategic quality, it is recommended that the application for exploratory assistance be denied.

Examined: July 9, 1957.

S. C. Bergman and D. H. Amos, Geologists
U. S. Geological Survey

L. E. Shirley and S. A. Feitler,
Mining Engineers, U. S. Bureau of Mines

z

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/27	Anderson	600
6/27	Houk	600
6/28	Selbridge	130
6/28	Yoho	130
6/28	Nelson	130
"	Johnson	110
"	Pittenger	100
		220

600

JUN 28 1957

Messrs. Howard Hoyle
and Brown Sparks
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-4764-Mica
Hoyle and Sparks
Hoyle and Sparks Mica Prospect
Mitchell County, North Carolina

Gentlemen:

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

We note that your application covers two tracts of land, one under lease and the other under ownership. The plotting of the two tracts from the descriptions given shows no common property lines between the two, indicating they may not be contiguous. Your application lacks information as to the location of the proposed exploration work. In order to continue with the processing of your application, we need a map of the two tracts, showing their relationship to each other and the location of the proposed exploration work, with a tie-in (bearing and distance) to the nearest identifiable property corner.

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

Sincerely yours,

C. O. Mitzenbert
(esf)
Administrator

WCAnderson:rsi 6/27/57
Copy to: Admr. R. File
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 6222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/27	Anderson	600
6/27	Hook	600
6/28	GCS	130
"	Johnson	110
"	Chatterday	100
6/28	C	220
		600

600

JUN 28 1957

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

Re: Docket No. DMEA-4764-Mica
Hoyle and Sparks
Hoyle and Sparks Mica Prospect
Mitchell County, North Carolina

Dear Mr. Laurence:

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

We are enclosing a plotting of the two tracts of land covered by the application. Please note that these plottings show no common property line between the two, and the applicant has not given a tie-in of the proposed exploration work to a property corner. We have requested the applicant to submit this information.

Copies of memoranda dated June 18 and 24, 1957, by Mr. N. E. Nelson, USGS, and Mr. D. R. Irving, USBM, respectively, relating to the project are enclosed. There is also enclosed a copy of the application for the use of the Field Team.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

P. F. Yopes

Member, Bureau of Mines

N. E. Nelson

Member, Geological Survey

Enclosures 6

WCAnderson:rsi 6/27/57
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

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

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 25 1957

DATE	INITIALS	CODE
6/25	C	220
6/26	[illegible]	600
June 24, 1957		

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Donald R. Irving, Acting Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4764 (mica)

Applicant: Hoyle & Sparks

Name and Location of Property: Hoyle and Sparks Prospect, Mitchell County, North Carolina

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 6/14/57

Comments:

1. This is a new prospect and no data available in this office on this property.

2. Applicants state they have excavated in pegmatite a 6 by 6 foot pit 6 feet deep from which they have recovered from 50-75 pounds of good-grade green mica in books up to 4 inches by 4 inches.

3. Exploration proposed by applicants is consistent with local practices and in line with unit-cost estimates for other DMEA projects.

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 applicant should agree on a definite plan of exploration on a unit-cost basis.

Donald R. Irving

Donald R. Irving

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 19 1957

DATE	INITIALS	CODE
6/19	ZWZ	220
6/19	Houk	600

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

IN REPLY REFER TO:

June 18, 1957
Re: DMEA 4764
Hoyle & Sparks (Partnership)
Hoyle & Sparks Prospect
Mitchell County, North Carolina
$4,911.00 - Mica

Memorandum

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

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

Subject: Review of application

The applicants request assistance in exploring a $3\frac{1}{2}$-foot newly discovered zoned pegmatite from which, by hand methods, mica is presently being recovered.

The work proposed consists of shaft sinking 60 feet, and 50 feet of drifting.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

Copy

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

Mr. Howard Hoyle,
Route 3,
Bakersville, North Carolina

Subject: DMEA 4764

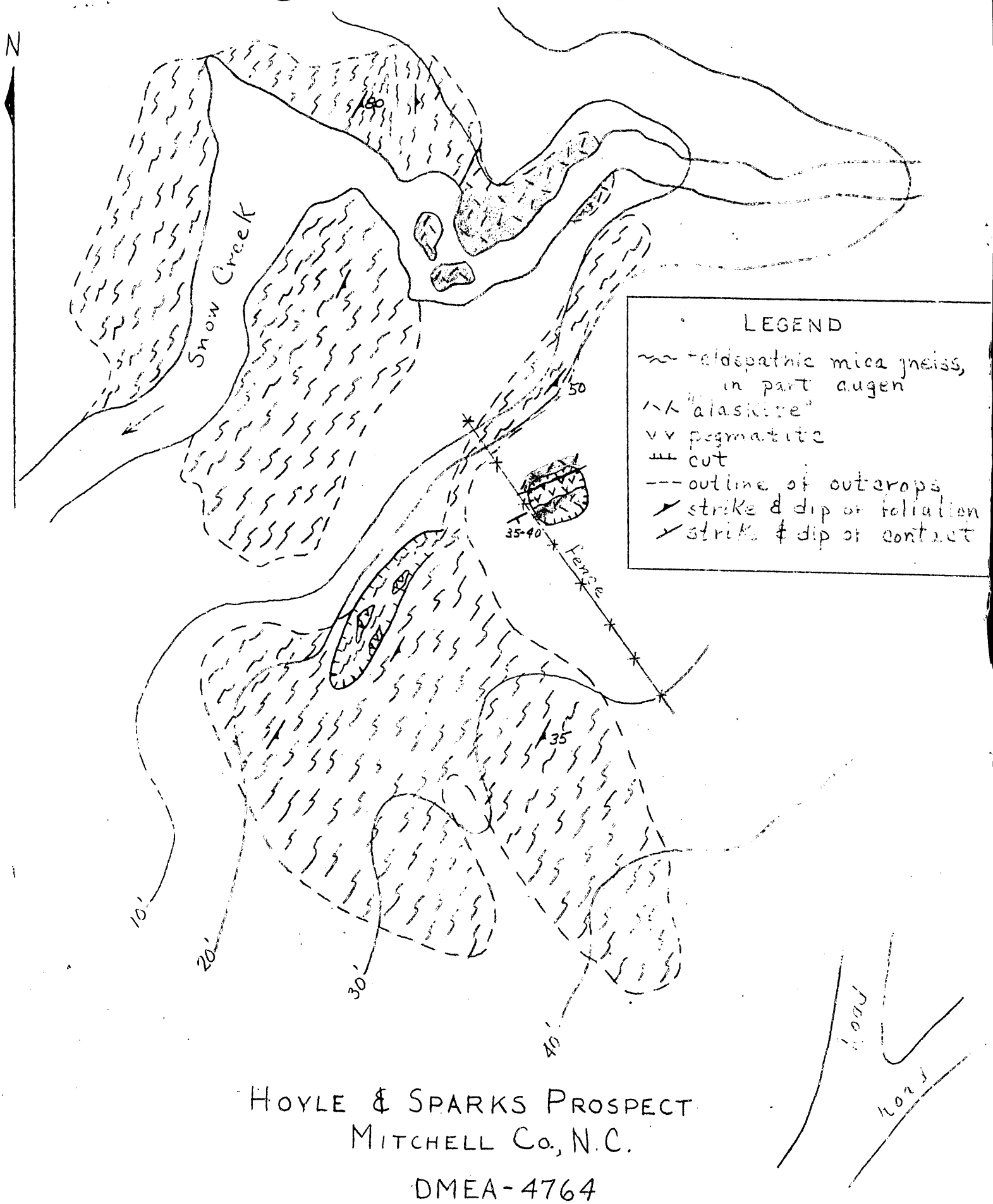
Dear Mr. Hoyle:

Your application for exploration assistance, dated June 5, 1957, submitted to our office at Knoxville, Tennessee, has been assigned Docket Number DMEA 4764 and referred to the Nonmetallic 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.



HOYLE & SPARKS PROSPECT
MITCHELL CO., N.C.

DMEA-4764

Scale 1"=20'

7/9/57

OFFICIAL FILE COPY
D M E A
RECEIVED JUL [illegible] 1957

DATE	[illegible]	CODE