DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip Mica.

CONTROLLED DOCUMENT

DMA Docket No. 2230

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION LOAN PROJECT

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

Routing Slip

To: NON METALLICS Date 11-20-51

To: [illegible] Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

DO NOT DETACH

CONTROLLED DOCUMENT

Mr. Lee McKinney
Partner, Hawkins Mining Company
Spruce Pine, North Carolina

Subject: Docket No. DMEA-2230 - Mica
Hawkins Mine
Stokes County, North Carolina

Dear Mr. McKinney:

Reference is made to our letter of February 18, 1952, requesting additional information on the subject application. This office would be pleased to receive this additional information, and a representative sample of the mica from your mine.

However, nothing further has been received from you, and we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data have not been received by May 31, 1952, we will then consider the docket closed.

Sincerely yours,

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

LGHouk:gad 4/24/52

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

IN REPLY REFER TO:

G-MD-DHK

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

February 19, 1952

Memorandum

REVIEW OF APPLICATION DMEA-2230

To: Non-Metallic Minerals Division, DMEA
From: Donald H. Kupfer, U. S. Geological Survey
Commodity: Mica.
Applicant: McKinney, McKinney, McKinney, and Buchanan.
Name of Property: Hawkins mine (Sandy Ridge mine).
Location of Property: 8 miles SW of Danbury, Stokes County, North Carolina.
Estimated cost of project: $12,000.
Summary of applicant's proposal: Drill a heading after a new vein.
Sources of information on applicant's property: Unpublished report by D. M. Larrabee (1943) and the unpublished Piedmont pegmatite report (microfilm).
Brief description of deposit: Main mica body has been mined out and surface prospecting has failed to locate extensions. The mine produced $110,000 worth of mica in World War II.
Other information: The applicant's data is very incomplete. We do not even have the map referred to in the application and DMEA says they do not have it either. Presumably it is the press-released map of the U.S.G.S. with additions.
RECOMMENDATION: Send to field team.
Reasons for recommendation: The mine has been a good producer and it may be that the field team can see some exploration that should be done. This seems unlikely though from the tenor of the previous geologic reports on the property.

Donald H. Kupfer

DHKupfer:jeh
G-2/19/52
copy to: Director's reading file 4212
Branch " " "
DMEA files ✓
Kupfer, G-228

February 13, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2230: Mica: Hawkins Mine, Lee McKinney, etal.

The past record of this property is good. Exploration of the new "vein" seems justifiable.

A field team investigation is recommended to consider if exploration plan is sound and to review cost estimates.

Signed

W. F. DIETRICH

WFDietrich/em

Copy to: Ceramic and Fertilizer Materials Branch
Minerals Division
Mr. Houk
F I L E S

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. D.M.A. 2230

Date received 11-8-51

Participation

Lee McKinney, Jack McKinney, J. R. McKinney and D. S. Buchanan

Address: Lee McKinney, Spruce Pine, North Carolina

Hawkins Mond

Name and address of applicant

Date Nov. 5, 1951.

FILL IN THIS BLOCK

Date of application November 5, 1951

Estimated cost $12,000.00

Mineral or metal Ruby Sheet Mica

Percentage of Government participation 90%

Location of mine Stokes County, N. C. about 8 miles southwest of Danbury

Date of filing MF-100 Nov. 5, 1951.

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners. (See attached sheet)

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. Not a corporation

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. All partners have been in mica mining practically all their lives.

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. Not a lessee.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. Not operated after June 1950

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? 10% of total-Sufficient to pay our part.

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

16—64067-1

THE PROPERTY

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

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

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

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

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 8 mi. sw of Danbury, NC 3 mi. from Sandy Ridge

*13. State source and quantity of water available for operations and its sufficiency at all seasons. None required.
State amount of power to be used, rate per hour or other cost, and source. Do not know yet.

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

15. State in detail how the ore could be shipped and how and where milled. Trucked to Spruce Pine, N. C.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. See attached sheet

(*b*) State briefly the known history and production of adjoining and neighboring properties. See attached sheet

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information: Not in production.

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly. Ruby sheet block mica.

(*b*) Submit available maps and assay data. Map attached

(*c*) Give estimated tonnage and grade of each class of ore reserves. unknown.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.
Mine produced great quantity of mica during World War II-No longer profitable to work without further exploration.

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. See attached sheet

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

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

CERTIFICATION

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

Hawkins Mining Co. (Name of company) By Lee McKinney (Signature of authorized official)

November 5, 1951 (Date) Partner (Title)

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

*Same as footnote on page 1.

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

Question #2- Lee McKinney, Spruce Pine, N. C., Jack McKinney and J. R. McKinney of Bakersville, N. C. and D. S. Buchanan of Hawk, N. C.

Question #10- Located in Snow Creek Township, Stokes County, North Carolina and described as follows: FIRST TRACT: Beginning at a point in the center of Raccoon Creek, said point being in the line of the Thomas Spencer farm and being the northwesterly corner of the 5 acre tract and following the meanderings of the center line of Raccoon Creek 9 courses as follows: (1) S 66 deg. E 122 feet (2) N 40 deg. E 82 ft. (3) N 10 deg. E 61 ft. (4) N 49 deg. E 127 ft. (5) N 71 deg. E 65 ft. (6) N 37 deg. E 48 ft. (7) N 78 deg. E 85 ft. (8) S 85 deg. E 50 ft. (9) N 54 deg. 30 min. E 64 ft. to a point where Spring Branch enters Raccoon Creek; thence with the line of Everett M. Hawkins, N 26 deg 30 min. W 967 ft. to an iron in the road in Spencer's line; thence south 6 deg. west with Spencer's line 784 feet to an iron, a corner in Spencer's line; thence following Spencer's line 4 courses as follows: (1) N 84 deg. W 210 ft to an iron (2) S 6 deg. W 210 ft. to an iron; (3) S 84 deg. E 210 ft. to an iron (4) S 6 deg. W 148 ft to the point of the BEGINNING, and contains 7½ acres, more or less, and also a SECOND TRACT beginning at a locust in the head of a small branch, and runs S 4 deg. W 172 ft. to an iron; thence N. 6 deg. E 218 ft. to a point in the center of Raccoon Creek, the southwest corner of the first tract above described and a corner of the Thomas Spencer land; thence with the southerly line of the first tract above described, and following the ~~center~~ meanderings of the center line of Raccoon Creek nine courses as follows: (1) S 66 deg. E 122 ft.(2) N 40 E 92 ft.(3) N 10 deg. E 65 ft (4) N 49 deg. E 127 ft. (5) N 71 deg. E 65 ft. (6) N 37 deg. E 48 ft. (7) N 78 deg. E 85 ft. (8) S 85 deg. E 50 ft. (9) N 54 deg 30 min. E 64 ft. to a point where Spring Branch enters into Raccoon Creek; thence following the meanderings of the center line of Spring Branch six courses as follows:(1) S 52 deg. 30 min. E 183 ft. (2) S 72 deg. E 83 ft. (3) S 34 deg E 57 ft. (4) S 80 deg. E 34 ft. (5) S 46 deg. 30 min. E 269 ft. (6) S 67 deg. 30 min. E 100 ft. to the point of BEGINNING and containing 5 acres, more or less and being shown on map prepared by Golden Baker as the 5 acre lot.

This property contained the old Hawkins Mine map of which is hereto attached and which was worked during World War II.

Question #14-Two mining shacks, a compressor, a power unit, an electric pump, three drills, a hoisting machine, and all smaller tools used for mining purposes.

Question #16- (a) Present vein of mica worked to a depth of about 900 feet and until it is not profitable to work at present time. Desire this aid for purposes of exploring another vein nearby and drilling heading. Reason for suspension of work on present vein is that it is not profitable at such a depth. (b) Tom Spencer has mica mine close by and there are other mica mines in the vicinity. (c) See attached map.

Question #21- Estimated that the required work will take about 1 year. The work will mostly consist of drilling a heading after new vein of mica and will practically all be underground.

Question #23- Estimated that it will require four laborers about 12 months to complete this work. At total labor cost of about $700.00 per month the total would be $8400.00. It is further estimated that $200.00 would be required for repairs and $100.00 for equipment and smaller items, $1500.00 for dynamite, gasoline, etc. and $1800 for power and utilities.

Question #24- At end of 6 mos. should have heading drove down 40 or 50 feet or more and estimated that job will be completed by end of 12 months. Naturally everything will depend upon how far the heading will be drilled before the mine gets into production, and that is a factor which cannot be stated with certainty at this time.

FILE COPY
SURNAME:

Stifler
Houk

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

APR 25 1952

Mr. Lee McKinney
Partner, Hawkins Mining Company
Spruce Pine, North Carolina

Subject: Docket No. DMEA-2230 - Mica
Hawkins Mine
Stokes County, North Carolina

Dear Mr. McKinney:

Reference is made to our letter of February 18, 1952, requesting additional information on the subject application. This office would be pleased to receive this additional information, and a representative sample of the mica from your mine.

However, nothing further has been received from you, and we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data have not been received by May 31, 1952, we will then consider the docket closed.

Sincerely yours,

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

LGHouk:gad 4/24/52

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

IN REPLY REFER TO:

G-MD-DHK

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

February 19, 1952

Memorandum

REVIEW OF APPLICATION DMEA-2230

To: Non-Metallic Minerals Division, DMEA
From: Donald H. Kupfer, U. S. Geological Survey
Commodity: Mica.
Applicant: McKinney, McKinney, McKinney, and Buchanan.
Name of Property: Hawkins mine (Sandy Ridge mine).
Location of Property: 8 miles SW of Danbury, Stokes County, North Carolina.
Estimated cost of project: $12,000.
Summary of applicant's proposal: Drill a heading after a new vein.
Sources of information on applicant's property: Unpublished report by D. M. Larrabee (1943) and the unpublished Piedmont pegmatite report (microfilm).
Brief description of deposit: Main mica body has been mined out and surface prospecting has failed to locate extensions. The mine produced $110,000 worth of mica in World War II.
Other information: The applicant's data is very incomplete. We do not even have the map referred to in the application and DMEA says they do not have it either. Presumably it is the press-released map of the U.S.G.S. with additions.
RECOMMENDATION: Send to field team.
Reasons for recommendation: The mine has been a good producer and it may be that the field team can see some exploration that should be done. This seems unlikely though from the tenor of the previous geologic reports on the property.

Donald H Kupfer

Donald H. Kupfer

FILE COPY
SURNAME:

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

FEB 18 1952

SAFeitler
Mck

Mr. Lee McKinney, Partner
Hawkins Mining Company
Spruce Pine, North Carolina

Subject: Docket No. DMEA-2230 - Mica
Hawkins Mine
Stokes County, North Carolina

Dear Mr. McKinney:

A letter from Mr. Warren W. Pritchard inquiring about the status of the above application has been received.

The review of your proposal is under way but the maps that were supposed to have been attached were apparently omitted. Will you send these maps? We also need to know your reasons for believing that the new vein may contain strategic mica (Question 22).

Your answer to Question 23 should be more detailed. You do not state definitely whether you will excavate a drift, a shaft or a pit. What will be the size of this opening? Costs should be itemized. State rate of pay, number of man shifts to be worked, payroll taxes, compensation insurance, what equipment will be used, the basis for your estimate of power and utilities estimate, and any other cost factors.

Please send the maps and additional information without delay so that the review of your application can be completed.

Sincerely yours,

Signed S.H. 2-18-52

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

SAFeitler:gad
2/15/52
Copy to: Admin. Reading File
Docket File
Mr. Norton, G-228, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

BI

WARREN H. PRITCHARD
ATTORNEY AT LAW
SPRUCE PINE, NORTH CAROLINA

Feb. 8, 1952.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 12 1952

DMEA-2230

Mr. C. O. Mittendorf
Acting Administrator
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Mr. Mittendorf:

I was advised by Mr. W. A. Beck of the Knoxville, Tenn. office to write you for further information regarding the status of the application for aid on the Hawkins Mine, in North Carolina, which application was made by Messrs Lee McKinney, Jack McKinney, J. R. McKinney and D. S. Buchanan.

This application was made November 5th 1951, and we were only advised that it was being processed.

If possible for you to do so at this time, we shall greatly appreciate your advising us about the request at your earliest convenience.

Thanking you in advance, I am

Very truly yours,

Warren H. Pritchard

Warren H. Pritchard

WHP:pr

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

February 13, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2230: Mica: Hawkins Mine, Lee McKinney, etal.

The past record of this property is good. Exploration of the new "vein" seems justifiable.

A field team investigation is recommended to consider if exploration plan is sound and to review cost estimates.

W. F. Dietrich

W. F. DIETRICH

November 20, 1951

Mr. Lee McKinney
Spruce Pine
North Carolina

Subject: DMA-2230
Re: Exploration Loan
Hawkins Mine

My dear Mr. McKinney:

This will acknowledge receipt of your application dated November 5, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2230 and referred to the Non-Metallics Branch.

Kindly refer to DMA-2230 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

DEFENSE MINERALS ADMINISTRATION

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

November 7, 1951

Memorandum

To: Mr. Tom Lyon, Chairman, Coordinating Committee

From: Executive Officer, DMA Field Team, Region VII

Subject: Form MF-103, Hawkins Mica Mine, Stokes County, N. C.

Enclosed herewith are four copies of completed Form MF-103 received today from Lee McKinney, Jack McKinney, J. R. McKinney and D. S. Buchanan of Spruce Pine, North Carolina.

Although it is not clear, it appears that the work proposed may be preparation for mining rather than exploration, and a field examination may be necessary to determine this.

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

Enclosure

orm MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. D.M.A. 2230

Date received 11-8-51

Participation

RECEIVED NOV 8 1951

Lee McKinney, Jack McKinney, J. R. McKinney and D. S. Buchanan

Address: Lee McKinney, Spruce Pine, North Carolina

Name and address of applicant

Date Nov. 5, 1951.

FILL IN THIS BLOCK

Date of application November 5, 1951

Estimated cost $12,000.00

Mineral or metal Ruby Sheet Mica

Percentage of Government participation 90%

Location of mine Stokes County, N. C. about 8 miles southwest of Danbury

Date of filing MF-100 Nov. 5, 1951.

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners. (See attached sheet)

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. Not a corporation

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. All partners have been in mica mining practically all their lives.

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. Not a lessee.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. Not operated after June 1950.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? 10% of total-Sufficient to pay our part.

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

16—64067-1

THE PROPERTY

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

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

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

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

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 8 mi. sw of Danbury, NC 3 mi. from Sandy Rdge

*13. State source and quantity of water available for operations and its sufficiency at all seasons. None required. State amount of power to be used, rate per hour or other cost, and source. Do not know yet.

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

15. State in detail how the ore could be shipped and how and where milled. Trucked to Spruce Pine, N. C.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. See attached sheet

(*b*) State briefly the known history and production of adjoining and neighboring properties. See attached sheet

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information: Not in production.

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly. Ruby sheet block mica.

(*b*) Submit available maps and assay data. Map attached

(*c*) Give estimated tonnage and grade of each class of ore reserves. unknown.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. Mine produced great quantity of mica during World War II-No longer profitable to work without further exploration.

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. See attached sheet

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

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

CERTIFICATION

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

Hawkins Mining Co. (Name of company) By Lee McKinney (Signature of authorized official)

November 5, 1951 (Date) Partner (Title)

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

*Same as footnote on page 1.

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

Question #2- Lee McKinney, Spruce Pine, N. C., Jack McKinney and J. R. McKinney of Bakersville, N. C. and D. S. Buchanan of Hawk, N. C.

Question #10- Located in Snow Creek Township, Stokes County, North Carolina and described as follows: FIRST TRACT: Beginning at a point in the center of Raccoon Creek, said point being in the line of the Thomas Spencer farm and being the northwesterly corner of the 5 acre tract and following the meanderings of the center line of Raccoon Creek 9 courses as follows: (1) S 66 deg. E 122 feet (2) N 40 deg. E 82 ft. (3) N 10 deg. E 61 ft. (4) N 49 deg. E 127 ft. (5) N 71 deg. E 65 ft. (6) N 37 deg. E 48 ft. (7) N 78 deg. E 85 ft. (8) S 85 deg. E 50 ft. (9) N 54 deg. 30 min. E 64 ft. to a point where Spring Branch enters Raccoon Creek; thence with the line of Everett M. Hawkins, N 26 deg 30 min. W 967 ft. to an iron in the road in Spencer's line; thence south 6 deg. west with Spencer's line 784 feet to an iron, a corner in Spencer's line; thence following Spencer's line 4 courses as follows: (1) N 84 deg. W 210 ft to an iron (2) S 6 deg. W 210 ft. to an iron; (3) S 84 deg. E 210 ft. to an iron (4) S 6 deg. W 148 ft to the point of the BEGINNING, and contains 7¼ acres, more or less, and also a SECOND TRACT beginning at a locust in the head of a small branch, and runs S 4 deg. W 172 ft. to an iron; thence N. 6 deg. E 218 ft. to a point in the center of Raccoon Creek, the southwest corner of the first tract above described and a corner of the Thomas Spencer land; thence with the southerly line of the first tract above described, and following the ~~center~~ meanderings of the center line of Raccoon Creek nine courses as follows: (1) S 66 deg. E 122 ft.(2) N 40 E 92 ft.(3) N 10 deg. E 65 ft (4) N 49 deg. E 127 ft. (5) N 71 deg. E 65 ft. (6) N 37 deg. E 48 ft. (7) N 78 deg. E 85 ft. (8) S 85 deg. E 50 ft. (9) N 54 deg 30 min. E 64 ft. to a point where Spring Branch enters into Raccoon Creek; thence following the meanderings of the center line of Spring Branch six courses as follows:(1) S 52 deg. 30 min. E 183 ft. (2) S 72 deg. E 83 ft. (3) S 34 deg E 57 ft. (4) S 80 deg. E 34 ft. (5) S 46 deg. 30 min. E 269 ft. (6) S 67 deg. 30 min. E 100 ft. to the point of BEGINNING and containing 5 acres, more or less and being shown on map prepared by Golden Baker as the 5 acre lot.

This property contained the old Hawkins Mine map of which is hereto attached and which was worked during World War II.

Question #14-Two mining shacks, a compressor, a power unit, an electric pump, three drills, a hoisting machine, and all smaller tools used for mining purposes.

Question #16- (a) Present vein of mica worked to a depth of about 900 feet and until it is not profitable to work at present time. Desire this aid for purposes of exploring another vein nearby and drilling heading. Reason for suspension of work on present vein is that it is not profitable at such a depth. (b) Tom Spencer has mica mine close by and there are other mica mines in the vicinity. (c) See attached map.

Question #21- Estimated that the required work will take about 1 year. The work will mostly consist of drilling a heading after new vein of mica and will practically all be underground.

Question #23- Estimated that it will require four laborers about 12 months to complete this work. At total labor cost of about $700.00 per month the total would be $8400.00. It is further estimated that $200.00 would be required for repairs and $100.00 for equipment and smaller items, $1500.00 for dynamite, gasoline, etc. and $1800 for power and utilities.

Question #24- At end of 6 mos. should have heading drove down 40 or 50 feet or more and estimated that job will be completed by end of 12 months. Naturally everything will depend upon how far the heading will be drilled before the mine gets into production, and that is a factor which cannot be stated with certainty at this time.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. D.M.A. 2230

Date received 11-18-51

Participation

Lee McKinney, Jack McKinney, J. R. McKinney and D. S. Buchanan
Address: Lee McKinney, Spruce Pine, North Carolina

Name and address of applicant

Date Nov. 5, 1951.

FILL IN THIS BLOCK

Date of application November 5, 1951

Estimated cost $12,000.00

Mineral or metal Ruby Sheet Mica

Percentage of Government participation 90%

Location of mine Stokes County, N. C. about 8 miles southwest of Danbury

Date of filing MF-100 Nov. 5, 1951.

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership
*2. If a partnership, state names and addresses of partners. (See attached sheet)
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. Not a corporation
*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. All partners have been in mica mining practically all their lives.
*5. Are you the owner or the lessee of the property? Owner
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None
7. If lessee, attach a copy of the lease and state if it is in good standing. Not a lessee.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. Not operated after June 30, 1950.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? 10% of total-Sufficient to pay our part.

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

16—64067-1

THE PROPERTY

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

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

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

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

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 6 mi. sw of Danbury, NC 3 mi. from Sandy Ridge

*13. State source and quantity of water available for operations and its sufficiency at all seasons. None required.
State amount of power to be used, rate per hour or other cost, and source. Do not know yet.

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

15. State in detail how the ore could be shipped and how and where milled. Trucked to Spruce Pine, N. C.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. See attached sheet

(*b*) State briefly the known history and production of adjoining and neighboring properties. See attached sheet

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information: Not in production.

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly. Ruby sheet block mica.

(*b*) Submit available maps and assay data. Map attached

(*c*) Give estimated tonnage and grade of each class of ore reserves. unknown.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. Mine produced great quantity of mica during World War II-No longer profitable to work without further exploration.

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. See attached sheet

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

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

CERTIFICATION

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

Sam Rina Mining Co. (Name of company) By Lee McKinney (Signature of authorized official)

November 5, 1951 (Date) Partner (Title)

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

*Same as footnote on page 1.

Question #2- Lee McKinney, Spruce Pine, N. C., Jack McKinney and J. R. McKinney of Bakersville, N. C/ and D. S. Buchanan of Hawk, N. C.

Question #10- Located in Snow Creek Township, Stokes County, North Carolina and described as follows: FIRST TRACT: Beginning at a point in the center of Raccoon Creek, said point being in the line of the Thomas Spencer farm and being the northwesterly corner of the 5 acre tract and following the meanderings of the center line of Raccoon Creek 9 courses as follows: (1) S 66 deg. E 122 feet (2) N 40 deg. E 82 ft. (3) N 10 deg. E 61 ft. (4) N 49 deg. E 127 ft. (5) N 71 deg. E 65 ft. (6) N 37 deg. E 48 ft. (7) N 78 deg. E 85 ft. (8) S 85 deg. E 50 ft. (9) N 54 deg. 30 min. E 64 ft. to a point where Spring Branch enters Raccoon Creek; thence with the line of Everett M. Hawkins, N 26 deg 30 min. W 967 ft. to an iron in the road in Spencer's line; thence south 6 deg. west with Spencer's line 784 feet to an iron, a corner in Spencer's line; thence following Spencer's line 4 courses as follows: (1) N 84 deg. W 210 ft to an iron (2) S 6 deg. W 210 ft. to an iron; (3) S 84 deg. E 210 ft. to an iron (4) S 6 deg. W 148 ft to the point of the BEGINNING, and contains 7½ acres, more or less, and also a SECOND TRACT beginning at a locust in the head of a small branch, and runs S 4 deg. W 172 ft. to an iron; thence N. 6 deg. E 218 ft. to a point in the center of Raccoon Creek, the southwest corner of the first tract above described and a corner of the Thomas Spencer land; thence with the southerly line of the first tract above described, and following the ~~xxxxxx~~ meanderings of the center line of Raccoon Creek nine courses as follows: (1) S 66 deg. E 122 ft.(2) N 40 E 92 ft.(3) N 10 deg. E 65 ft (4) N 49 deg. E 127 ft. (5) N 71 deg. E 65 ft. (6) N 37 deg. E 48 ft. (7) N 78 deg. E 85 ft. (8) S 85 deg. E 50 ft. (9) N 54 deg 30 min. E 64 ft. to a point where Spring Branch enters into Raccoon Creek; thence following the meanderings of the center line of Spring Branch six courses as follows:(1) S 52 deg. 30 min. E 183 ft. (2) S 72 deg. E 83 ft. (3) S 34 deg E 57 ft. (4) S 80 deg. E 34 ft. (5) S 46 deg. 30 min. E 269 ft. (6) S 67 deg. 30 min. E 100 ft. to the point of BEGINNING and containing 5 acres, more or less and being shown on map prepared by Golden Baker as the 5 acre lot.

This property contained the old Hawkins Mine map of which is hereto attached and which was worked during World War II.

Question #14-Two mining shacks, a compresser, a power unit, an electric pump, three drills, a hoisting machine, and all smaller tools used for mining purposes.

Question #16- (a) Present vein of mica worked to a depth of about 900 feet and until it is not profitable to work at present time. Desire this aid for purposes of exploring another vein nearby and drilling heading. Reason for suspension of work on present vein is that it is not profitable at such a depth. (b) Tom Spenser has mica mine close by and there are other mica mines in the vicinity. (c) See attached map.

Question #21- Estimated that the required work will take about 1 year. The work will mostly consist of drilling a heading after new vein of mica and will practically all be underground.

Question #23- Estimated that it will require four laborers about 12 months to complete this work. At total labor cost of about $700.00 per month the total would be $8400.00. It is further estimated that $200.00 would be required for repairs and $100.00 for equipment and smaller items, $1500.00 for dynamite, gasoline, etc. and $1800 for power and utilities.

Question #24- At end of 6 mos. should have heading drove down 40 or 50 feet or more and estimated that job will be completed by end of 12 months. Naturally everything will depend upon how far the heading will be drilled before the mine gets into production, and that is a factor which cannot be stated with certainty at this time.