DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip M10a

CONTROLLED DOCUMENT

DMA Docket No. 2070

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

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:	CODE 370 Ind. Minerals	Date	9-12-51
To:	P.E.D.W.	Date	11/30/51
To:	CODE 600-RM. 4635	Date	2-1-52
To:		Date	
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CONTROLLED DOCUMENT

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

January 31, 1952

Memorandum

To: Non-Metallic Minerals Division, DMEA

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

Subject: Sales and Crane application DMEA 2070 on the Sanford Crane property, Wilkes County, North Carolina for 90 percent of $2000 to explore for Strategic Mica.

I concur in the Geological Survey's recommendation that this application be denied subject to reconsideration within 30 days if applicant submits mica sample acceptable for stockpiling.

Signed

W. F. DIETRICH

WFDietrich/rk

Copy to: Minerals Division
Ceram. & Fert. Mat. Br.
Mr. Houk - DMEA
F I L E S

IN REPLY REFER TO:
G-MD-DHK

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

January 16, 1952

Memorandum

To: Non-metallic Minerals Division, DMEA

From: Donald H. Kupfer, U. S. Geological Survey

Subject: Sales and Crane application DMEA 2070 on the Sanford Crane property, Wilkes County, North Carolina for 90 percent of $2000 to explore for Strategic Mica.

The history of this docket is as follows:

(1) Sept. 5, 1951. Sales and Crane applied for 90% of $2000.
(2) Sept. 26, 1951. Request to Region VII for mica samples.
(3) Oct. 2, 1951. Region VII submits mica samples.
(4) Oct. 4, 1951. W. R. Griffitts suggests that GSA test samples.
(5) Oct. 8, 1951. Barr requests GSA for tests
(6) Oct. 15, 1951. Applicant requests DMA for information on status of application.
(7) Nov. 19, 1951. GSA advises mica is ruby colored, but too spotted and wavy to be strategic.
(8) Dec. 19, 1951. Having received no word, applicant sends inquiry to Region VII office and seeks $3000.
(9) Dec. 26, 1951. Region VII office forwards inquiry.
(10) Jan. 2, 1952. Applicant submits bill of sale for 352 pounds of punch mica and 1227 pounds of scrap mica and requests that loan be reduced to about $500 to rent equipment.

Applicant is now trying to go ahead with exploration on his own, but is hampered by lack of equipment. The purchase of 352 pounds of punch mica from this property by the Spruce Pine Mica Company indicates that mica can be obtained from this property. If the mica submitted to GSA is the best obtainable, then government participation is not warranted.

We recommend that you deny the application, but tell the applicant that if he submits better quality mica within 30 days the application will be reconsidered.

DHKupfer:hhp * G-1/16/52
cc: Director's Reading file, 4212
Branch Reading file, 4212
DMEA
DHKupfer, G-228, GSA Bldg., USGS
extra

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

370

Mr. H. M. Neale
Inspection Branch
Emergency Procurement Service
General Services Administration
7th & D Streets, S.W.
Washington 25, D. C.

Subject: DMA-2070 - Mica
Sales & Crane Mining Co.

Dear Mr. Neale:

Will you please have the enclosed eight pieces of mica graded and advise us of the results, particularly with regards to whether any of this material would qualify under Stockpile Specifications as it is or if more adequately sheeted and trimmed.

Please return the samples together with your report in duplicate.

Sincerely yours,

Signed 10-9-51

James A. Barr, Sr., Chief
Industrial Minerals Branch

Enclosures

RWASKEY:mp
10-8551
cc: Reports andRecords, 210 (DMA Docket File)
Mr. Barr

IN REPLY REFER TO:

G-MD-WRG

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

October 4, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

From: W. R. Griffitts, U. S. Geological Survey

Subject: Application DMA-2070 from Sales and Crane Mining Company for mica exploration in Wilkes County, North Carolina.

The files of the Geological Survey contain no data on the Sanford Crane property. There is, however, a record of wartime exploration in the district. With the exception of a very few deposits near Reddies River that are said to contain ruby mica all of the known deposits in Wilkes County contain green mica. Except near Reddies River the mica is rather badly warped. Some is also stained. The district as a whole was of little importance during World War II, as only the Zollie Shell and Cling Daniels mines yielded significant amounts of mica.

It is noted that the locality given in the application is over 10 miles west of Reddies River, and probably not far enough west to be in the group of deposits in northeastern Caldwell County that yield flat green mica, some of which is clear, some black stained.

The samples forwarded from the district office, which allegedly came from this property are of weathered mica books about 6 inches across. They are rather strongly reeved, wavy, and light-greenish gray in color. The small sample of improperly trimmed sheet submitted shows that the mica is lightly black spotted. These spots probably could be eliminated by careful preparation. It is likely that the color will cause this mica to be classed as non-strategic, but the sample should be submitted to the G. S. A. for testing.

W. R. Griffitts

WRGriffitts:jeh
G-10/4/51
copy to: Director's Reading 4212
Branch Reading 4212
DMA files
Griffitts G-230

FILE COPY
SURNAME:

SAFeitler
LGHouk

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

600 APR 14 1952

Mr. Robert A. Lawrence
Executive Officer
DMEA Field Team, Region VII
Room 13, Post Office Building
Knoxville 01, Tennessee

Subject: Exploration Applications denied without field referral, Region VII

Dear Mr. Lawrence:

We enclose one copy of each application pertaining to your region for cases denied without field referral. These are for your information and files.

If, in your opinion any of these properties merit further consideration, a new application will be necessary.

Copies of the following applications are included:

Docket number DMA -

1583X	2119
1675X	2151
1903	2196
1912	2197
1946	2204
1995	2224
2070	2285

Sincerely yours,

Signed 4-14-52

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

Enclosures: - 14
SAFeitler:mp 4/10/52
cc: Docket File
Adm. Heading File
Mr. Norton, G-252, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

COPY

FILE COPY
SURNAME:

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

L G Houk
S A Feitler

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region VII
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SIGNED 4/14/52

Lawrence G. Houk, Chief
Nonmetallic Minerals Division
Defense Minerals Exploration
Administration

Enclosures - 14
SAFeitler:mp 4/10/52

FILE COPY
SURNAME:

Chapman
Houk
Mitt

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

FEB 8 1952

Sales & Crane Mining Company
Route #1
Purlear, North Carolina

Subject: Docket No. DMEA-2070 - Mica
Sanford Crane Property
Wilkes County, North Carolina

Gentlemen:

In reference to your application for "Exploration Assistance", dated September 12, 1951, we have reached the following conclusions:

The samples submitted by you are not of a strategic grade. Under these conditions, we are obliged to deny your application.

If you have encountered better material, and can submit us a sample of strategic grade within thirty days, we will reconsider your application.

Sincerely yours,

SIGNED

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

TLChapman:gad
2/7/52
Copy to: Admin. Reading File
Docket File
Mr. Dietrich, 3526
Mr. Houk
Mr. Norton, G-228, GSA Bldg.

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

January 31, 1952

Memorandum

To: Non-Metallic Minerals Division, DMEA

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

Subject: Sales and Crane application DMEA 2070 on the Sanford Crane property, Wilkes County, North Carolina for 90 percent of $2000 to explore for Strategic Mica.

I concur in the Geological Survey's recommendation that this application be denied subject to reconsideration within 30 days if applicant submits mica sample acceptable for stockpiling.

W. F. Dietrich

W. F. DIETRICH

FILE COPY
Surname:

Dietrich

January 31, 1952

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WFDietrich/rk

Copy to: Minerals Division
Ceram. & Fert. Mat. Br.
MR. Houk - DMEA
F I L E S

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MR. Houk - DMEA
F I L E S

IN REPLY REFER TO:
G-MD-DHK

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 17 1952

January 16, 1952

Memorandum

To: Non-metallic Minerals Division, DMEA

From: Donald H. Kupfer, U. S. Geological Survey

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We recommend that you deny the application, but tell the applicant that if he submits better quality mica within 30 days the application will be reconsidered.

Donald H Kupfer

IN REPLY REFER TO:
G-MD-DHK

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

January 16, 1952

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DHKupfer:hhp * G-1/16/52
cc: Director's Reading file, 4212
Branch Reading file, 4212
DMEA
DHKupfer, G-228, GSA Bldg., USGS
extra

OFFICE OF THE ADMINISTRATOR

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

JAN 7 8 28 AM '52

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

Room 13, Post Office Building
Knoxville, Tennessee

January 5, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee DMEA

From: Executive Officer, Region VII

Subject: DMA-2070X, Sales and Crane Mining Co.

Enclosed is a letter just received from the above designated applicant, requesting certain changes in his application. This applicant applied for assistance in September but apparently has been going ahead with exploration on his own in the meanwhile. We have no first-hand information concerning this property.

Robert A. Laurence

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

Pineland N.C. R.1 Box 180
1/2/52

Room 13 Post Office building:
Knoxville Tenn.
Mr Robert A Lawrence:
Dear Sir: Since receiving your letter of Dec 26. I would like to revise my application for an exploratory loan (D.M.A-2070 Sales & Crane mining Co.) we had applied for $2000 of which $900 was to be used to hire an experienced supervisor and $300 was for building a bridge, we have made a road we can use without the bridge and believe we can do the work ourselves if we could borrow $500 which we would use to Rent, or make a payment on an air compressor, drills etc. the only air compressor we can rent cost $10.00 per day and we are unable to pay this along with other expenses now sending for a statement we received for the sale of some surface mica. I believe the mica quality would improve as we get into the harder rock. however if some definite action on this loan is improbable I would like to be advised as early as possible. Yours truly
Reuben Sale

Dec 31, 1951

BOUGHT OF Sanford Crane
Purlear, N C

NAME OF MINE Wilkes Co LOCATED

LBS.	OZS.	CLASS	PRICE		TOTAL	
1227		Scrap	30	00T	18	41
		Mine-run Block				
		Washer				
		Small Punch				
352		Punch		18	63	36
		1½ x 2				
		2 x 2				
		2 x 3				
		3 x 3				
		3 x 4				
		3 x 5				
		4 x 6				

QUALITY

CHECK NO.

TOTAL 81.77

LESS

CHECK

SPRUCE PINE MICA CO.—Buyer

By LAC

The undersigned hereby certify that in the production of the Mica covered by this bill they have complied with the Fair Labor Standards Act of 1938 and indemnify and hold harmless the Spruce Pine Mica Company against any claim thereunder.

Seller

OFFICE OF THE ADMINISTRATOR

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

Room 13, Post Office Building
Knoxville, Tennessee

December 26, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1951

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: Executive Officer, DMEA Field Team

Subject: DMA-2070X, Ruben Sale

Enclosed is a letter from Reuben Sale, inquiring about the status of his application, and a copy of my reply. As we have no information in our files on this application, I am referring it to Washington for reply.

Robert A. Laurence
Robert A. Laurence

Burlson N.C
R 1. Box 180
Dec 19. 1951

Mr. Robert A. Lawrence
Knoxville Tenn.

DEC 20 REC'D

Dear Sir:

My September 2 applied for an application form through your office under the name Sales + Crane Mining Co. this application was assigned Docket Number D.M.A.-2070 but we haven't heard anymore about it, This week we rented a Bulldozer and got out about 1500 lbs of surface mica in one day, however we are down to hard Rock and need an air Compressor and a few other things which we can buy for about $3000, we would like to borrow this money through the D.M.A. because of the easy terms, and the fact that we are uncertain about meeting the Payments on time if we try to borrow from Private sources as we expect to need a little time getting started, We have had an offer to lease this Property but would like to work it ourselves if we can get the necessary equipment in a short time, thanks for your attention. Reuben Sale

DEFENSE MI
ADMINISTR
WASHINGTON
NOV 21 8 48

GENERAL SERVICES ADMINISTRATION

Emergency Procurement Service
Washington 25, D.C.

November 19, 1951

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 26 1951
Defense Minerals Administration,
Production Expansion Division.

Mr. James A. Barr, Sr.
Chief, Industrial Minerals Branch
Defense Minerals Administration
U. S. Department of the Interior
Washington 25, D. C.

Dear Mr. Barr:

Subject: DMA-2070, Mica Sample - SALET CRANE MINING CO. - MICA

Reference is made to the subject sample which was submitted by you to this Service for examination.

The sample consists of eight pieces of Ruby Muscovite Mica of sizes ranging from Grade 4 to 6. The Mica has been trimmed but not in a manner so as to remove all cracks. Aside from the manner of preparation, Mica represented by the samples would not comply with the minimum requirements of Stockpile Specification P-32a for the reason - (1) All eight specimens are excessively wavy (2) Five of the specimens contain black spots indicating mineral inclusions. Further preparation would not eliminate these defects.

It is possible that Mica could be produced from the same source eliminating these defects but the subject sample does not so indicate.

The sample is returned herewith.

Very truly yours,

H. C. Maull, Jr.
Acting Director
Purchase Division

Attachment

RESTRICTED

"This material contains information affecting the national defense of the United States within the meaning of the Espionage Laws, Title 18 U. S. C., Sections 793 and 794. Its transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law."

Mr Cary N.C.
Route 1 Box 180
Oct 15. 1951

U.S. Department of the Interior
Bureau of Mines Administration
Washington 25 D.C.

My Dear Sir:

Please skip in reference to your letter of a lease for exploration in Sanford Ocean property gas mine. Docket Number DMA-2070 X we are anxious to know if a field examination can be arranged.

Yours truly
Reuben Cole

OFFICIAL FILE COPY

To	Date	Date
370	ce	10/17
210		

FILE COPY
SURNAME:

Wyatt
Barr

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

370

Mr. H. A. Neale
Inspection Branch
Emergency Procurement Service
General Services Administration
7th & D Streets, S.W.
Washington 25, D. C.

OCT 9 1951

A.E.C.

Subject: DMA-2070 - Mica
Sales & Crane Mining Co.

Dear Mr. Neale:

Will you please have the enclosed eight pieces of mica graded and advise us of the results, particularly with regards to whether any of this material would qualify under Stockpile Specifications as it is or if more adequately sheeted and trimmed.

Please return the samples together with your report in duplicate.

Sincerely yours,

SIGNED

James A. Barr, Sr., Chief
Industrial Minerals Branch

Enclosures

RWASKEY:mp
10-8551
cc: Reports and Records, 210 (DMA Docket File)
Mr. Barr

IN REPLY REFER TO:
G-MD-WRG

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

October 4, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

From: W. R. Griffitts, U. S. Geological Survey

Subject: Application DMA-2070 from Sales and Crane Mining Company for mica exploration in Wilkes County, North Carolina.

The files of the Geological Survey contain no data on the Sanford Crane property. There is, however, a record of wartime exploration in the district. With the exception of a very few deposits near Reddies River that are said to contain ruby mica all of the known deposits in Wilkes County contain green mica. Except near Reddies River the mica is rather badly warped. Some is also stained. The district as a whole was of little importance during World War II, as only the Zollie Shell and Cling Daniels mines yielded significant amounts of mica.

It is noted that the locality given in the application is over 10 miles west of Reddies River, and probably not far enough west to be in the group of deposits in northeastern Caldwell County that yield flat green mica, some of which is clear, some black stained.

The samples forwarded from the district office, which allegedly came from this property are of weathered mica books about 6 inches across. They are rather strongly reeved, wavy, and light-greenish gray in color. The small sample of improperly trimmed sheet submitted shows that the mica is lightly black spotted. These spots probably could be eliminated by careful preparation. It is likely that the color will cause this mica to be classed as non-strategic, but the sample should be submitted to the G. S. A. for testing.

W R Griffitts

W. R. Griffitts

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

Room 1, Post Office Building
Knoxville, Tennessee

2070

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. OCT 4 10 34 AM '51

October 2, 1951

Mr. W. R. Griffitts
Industrial Minerals Branch
Defense Minerals Administration
U. S. Department of the Interior
Washington 25, D.C.

Ref: G-MD-WRG

Dear Wally:

As requested in your letter of September 26, 1951 we are sending under separate cover one box of mica samples which we received from Reuben Sales, Route 1, Box 180, Purlear, North Carolina. Mr. Sale has made application for exploration aid under the name of Sales and Crane Mining Co.

DMA 2070

Very truly yours,

Wm A Beck

Wm. A. Beck, for R. A. Laurence
Executive Officer, DMA Field Team
Region VII

OFFICIAL FILE COPY

To	Init.	Date
370	JF	10-4
210		

Sales & Crane Mining Company
Route #1
Purlear, North Carolina

Subject: DMA-2070
Re: Exploration Loan
Sanford Crane Property

My dear Mr. Sales:

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

Your application was assigned Docket Number DMA-2070 and referred to the Industrial Minerals Branch.

Kindly refer to DMA-2070 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

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

Room 13, Post Office Building
Knoxville, Tennessee

September 10, 1951

DMA-2070

Memorandum

To: Mr. Tom Lyon, Chairman, Coordinating Committee

From: DMA Field Team, Region VII

Subject: MF-103 for Sales and Crane Mining Co. Inc., Purlear, N.C.

Enclosed are 4 copies of completed form MF-103, with copy of partnership agreement, received today from Sales and Crane Mining Co., Inc. of Purlear, North Carolina.

Although information on the application is insufficient to judge its merits, the applicants sent samples of mica reportedly from the subject tract, which would indicate that the application may have some promise.

Robert A. Laurence

Robert A. Laurence

SEP 12 8 59 AM '51
DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.

Form MF-103
(April 1951)

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. DMA. 2070

Date received 9-12-51

Participation

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
SEP 12 9 47 AM '51

Sales & Crane Mining Company
Route # 1
Purlear, N. C.

Name and address of applicant

Date September 5th., 1951

FILL IN THIS BLOCK

Date of application September 5th., 1951

Estimated cost $2,000.00

Mineral or metal Mica

Percentage of Government participation 90%

Location of mine Jobs Cabin Township, Wilkes County, North Carolina

Date of filing MF-100 not filed

DMA Docket Number, if available 2070

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. Sanford Crane and Reuben Sales, Rt. 1 Purlear, N. C.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. -

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. (a) Applicant - no experience, (b) will obtain experienced manager.

*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. (see attached Agreement)

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. -

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)? Applicant prepared to invest 10%. Amount is sufficient

*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. In Jobs Cabin Township, Wilkes County, N. C. Rt. 1 Purlear, N.C.
    (*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. Sanford Crane property

*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. Statement attached.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Ample water supply
State amount of power to be used, rate per hour or other cost, and source. Power line through property.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none

15. State in detail how the ore could be shipped and how and where milled. by truck - 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. none
    (*b*) State briefly the known history and production of adjoining and neighboring properties. none MICA MINED WITHIN 6 MILES
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none

*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. –
    (*b*) Submit available maps and assay data. –
    (*c*) Give estimated tonnage and grade of each class of ore reserves. –

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. –

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 4 months

    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.

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. 1 supervisors - $900.00
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. $300.00
    (*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. none
    (*f*) Cost of rental for equipment which the operator proposes to rent. $800.00
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. none
    (*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. Expect to spend $2,000.00- Expect to determine whether or not mica is available for mining.

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.

Sales & Crane Mining Co. (Name of company)

By Ruben Sales (Signature of authorized official)

September 5th., 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.

LOCATION AND DESCRIPTION OF PROPERTY

General Description:- Located in Jobs Cabin Township, Wilkes County, North Carolina, approximately 20 miles West of North Wilkesboro, N. C., located on Route # 1, Purlear, N. C., being approximately 10 miles West of Purlear, N. C., and approximately 2 miles North of U. S. Highway No. 421.

Legal Description: Jobs Cabin Township, Wilkes County, State of North Carolina, adjoining the lands of Jimmie Crane and Elk Creek Lumber Co., and others, and bounded as follows, viz:

FIRST TRACT: Beginning on a chestnut oak, running South twenty-seven poles to a sourwood, thence East thirty-two poles to a branch, thence down said branch 44 poles to the creek, thence down said creek twenty-four poles to the ford of said creek, thence South 75 West 23 poles to a chestnut on top of a ridge, thence North eighty West 66 poles to a sourwood in the old line, thence North 26 poles to a chestnut oak, thence East 10 poles to a spanish oak, thence North 17 poles to a poplar by a branch, thence West 22 poles to a hickory, thence North 30 poles to a poplar, thence East corssing Crane's Creek above the falls 72 poles to the beginning.

SECOND TRACT: Beginning on a stone in a hollow in the Elk Creek Lumber Company line, running East down a small branch to Crane's branch, thence North with and up Crane's branch to L. G. Crane's line to the Elk Creek Lumber Co. line, thence South with the Company's line to the beginning, containing 40 acres, more or less.

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

DMA

Docket No. 2070

Date received 9-12-51

Participation

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
SEP 12 9 47 AM '51

Sales & Crane Mining Company
Route # 1
Purlear, N. C.

Name and address of applicant

Date September 5th., 1951

FILL IN THIS BLOCK

Date of application September 5th., 1951

Estimated cost $2,000.00

Mineral or metal Mica

Percentage of Government participation 90%

Location of mine Jobs Cabin Township, Wilkes County, North Carolina

Date of filing MF-100 not filed

DMA Docket Number, if available 2070

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. Sanford Crane and Reuben Sales, Rt. 1 Purlear, N. C.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. —

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. (a) Applicant - no experience, (b) will obtain experienced manager.

*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. (see attached Agreement)

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. —

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)?

*Same as footnote on page 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. In Jobs Cabin Township, Wilkes County, N. C. Rt. 1, Ronda, N.C.

(*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. Sanford Crane property

*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. Statement attached.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Ample water supply
State amount of power to be used, rate per hour or other cost, and source. Power line through property.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none

15. State in detail how the ore could be shipped and how and where milled. by truck - 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. none

(*b*) State briefly the known history and production of adjoining and neighboring properties. none MICA MINES WITHIN 6 MILES

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none

*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. -

(*b*) Submit available maps and assay data. -

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

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. -

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 4 months

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.

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. 1 supervisors - $900.00

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. $300.00

(*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. none

(*f*) Cost of rental for equipment which the operator proposes to rent. $800.00

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. none

(*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. Expext to spend $2,000.00- Expect to determine whother or not mica is available for mining.

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.

Sales + Crane Mining Co, (Name of company) By Reuben Sales (Signature of authorized official)

September 5th., 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.

LOCATION AND DESCRIPTION OF PROPERTY

General Description:- Located in Jobs Cabin Township, Wilkes County, North Carolina, approximately 20 miles West of North Wilkesboro, N. C., located on Route # 1, Purlear, N. C., being approximately 6 miles West of Purlear, N. C., and approximately 2 miles North of U. S. Highway No. 421.

Legal Description: Jobs Cabin Township, Wilkes County, State of North Carolina, adjoining the lands of Jimmie Crane and Elk Creek Lumber Co., and others, and bounded as follows, viz:

FIRST TRACT: Beginning on a chestnut oak, running South twenty-seven poles to a sourwood, thence East thirty-two poles to a branch, thence down said branch 14 poles to the creek, thence down said creek twenty-four poles to the Ford of said creek, thence South 75 West 23 poles to a chestnut on top of a ridge, thence North eighty West 66 poles to a sourwood in the old line, thence North 26 poles to a chestnut oak, thence East 10 poles to a spanish oak, thence North 17 poles to a poplar by a branch, thence West 22 poles to a hickory, thence North 30 poles to a poplar, thence East cossing Crane's Creek above the falls 72 poles to the beginning.

SECOND TRACT: Beginning on a stone in a hollow in the Elk Creek Lumber Company line, running East down a small branch to Crane's branch, thence North with and up Crane's branch to L. G. Crane's line to the Elk Creek Lumber Co. line, thence South with the Company's line to the beginning, containing 40 acres, more or less.

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. DMA-2090

Date received 9-12-51

Participation

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. SEP 12 9 47 AM '51

Name and address of applicant

Date September 5th, 1951

FILL IN THIS BLOCK

Date of application September 5th, 1951

Estimated cost $2,000.00

Mineral or metal Mica

Percentage of Government participation 50%

Location of mine Gold Dollar Township, Mellen County, North Carolina

Date of filing MF-100 See attached

DMA Docket Number, if available 2090

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. Carter, Chase, and Rosien Sales, No. 1 Tarboro, N. C.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (a) the applicant and (b) the person or persons who will manage the project. (a) See lease - in duplicate, (b) Mr. [illegible] Manager.

*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. (see attached agreement)

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.

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)? Applicant prepared to invest $[illegible]. Amount is sufficient

*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. In [illegible] County, [illegible] Carolina, N.C.

(*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. Sanford Grano property

*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. [illegible] not used.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source. Ample water supply from [illegible] through property.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none

15. State in detail how the ore could be shipped and how and where milled. By truck - 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. none

(*b*) State briefly the known history and production of adjoining and neighboring properties. ~~none~~ MICA MINED WITHIN 6 MILES

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none

*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.

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

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

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 4 months

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.

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. 1 superintendent - $[illegible].00

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. $[illegible].00

(*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. none

(*f*) Cost of rental for equipment which the operator proposes to rent. $[illegible].00

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. none

(*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. Expect to drill [illegible],000.00 [illegible] to determine whether or not mica is available for mining.

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.

Sales & Crane Mining Co. (Name of company) By Reuben Sales (Signature of authorized official)

September 8th., 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

LOCATION AND DESCRIPTION OF PROPERTY

General Description:- Located in Jobs Cabin Township, Wilkes County, North Carolina, approximately 20 miles West of North Wilkesboro, N. C., located on Route # 1, Purlear, N. C., being approximately 10 miles West of Purlear, N. C., and approximately 2 miles North of U. S. Highway No. 421.

Legal Description: Jobs Cabin Township, Wilkes County, State of North Carolina, adjoining the lands of Jimmie Crane and Elk Creek Lumber Co., and others, and bounded as follows, viz:

FIRST TRACT: Beginning on a chestnut oak, running South twenty-seven poles to a sourwood, thence East thirty-two poles to a branch, thence down said branch 44 poles to the creek, thence down said creek twenty-four poles to the ford of said creek, thence South 75 West 23 poles to a chestnut on top of a ridge, thence North eighty West 66 poles to a sourwood in the old line, thence North 26 poles to a chestnut oak, thence East 10 poles to a spanish oak, thence North 17 poles to a poplar by a branch, thence West 22 poles to a hickory, thence North 30 poles to a poplar, thence East corssing Crane's Creek above the falls 72 poles to the beginning.

SECOND TRACT: Beginning on a stone in a hollow in the Elk Creek Lumber Company line, running East down a small branch to Crane's branch, thence North with and up Crane's branch to L. G. Crane's line to the Elk Creek Lumber Co. line, thence South with the Company's line to the beginning, containing 40 acres, more or less.

NORTH CAROLINA

WILKES COUNTY

CONTRACT AND PARTNERSHIP AGREEMENT

This contract made and entered into this the 5th., day of September, 1951, by and between Sanford Crane and Reuben Sales, both of Wilkes County, North Carolina:

WITNESSETH

That said parties hereby contract and agree to form a partnership for the purpose of mining mica on the premises herein after described, on the following terms and conditions:

1- That the said Sanford Crane is the owner of the tracts of land described as follows:

FIRST TRACT: Beginning on a chestnut oak, running South twenty-seven poles to a sourwood, thence East thirty-two poles to a branch, thence down said branch 44 poles to the creek, thence down said creek twenty-four poles to the fork of said creek, thence South 75 West 23 poles to a chestnut on top of a ridge, thence North Eighty West 66 poles to a sourwood in the old line, thence North 26 poles to a chestnut oak, thence East 10 poles to a spanish oak, thence North 17 poles to a poplar by a branch, thence West 22 poles to a hickory, thence North 30 poles to a poplar, thence East crossing Crane's Creek above the falls 72 poles to the beginning.

SECOND TRACT: Beginning on a stone in a hollow in the Elk Creek Lumber Company line, running East down a small branch to Crane's branch, thence North with and up Crane's branch to L. G. Crane's line to the Elk Creek Lumber Co. line, thence South with the Company's line to the beginning, containing 40 acres, more or less.

2- That for and in consideration of the sum of ONE DOLLAR ($1.00) and other valuable considerations paid by Reuben Sales to Sanford Crane, and for and in consideration of the sum of ONE DOLLAR ($1.00) and other valuable considerations paid by Sanford Crane to Reuben Sales, the receipt of payment of said considerations by each party is hereby acknowledged, it is agreed that the said parties shall commence experimenting on said premises and shall develope and make mines thereon for the purpose of mining mica.

3- That this partnership shall do business under the firm name and style of Sales & Crane Mining Company.

4- This partnership shall commence as of the 5th., day of September, 1951, and unless sooner terminated by the mutual consent of each of said parties, shall exist and continue until the 5th., day of September 1956. After having investigated said premises and examined the same if it is found that there is not sufficient mica located on said premises to justify mining operations, then this agreement shall immediately terminate.

5- It is understood and agreed that each of the partners hereto shall invest the same amount of funds for the purpose of examining and experimenting with said premises, and for the purpose of purchasing machinery and such equipment as may be necessary to carry out the mining operations. That after a thorough examination has been made of said premises, if it is found that there is sufficient mica located thereon to justify mining operations and the purchase of machinery, and after paying all cost and expenses in connection with experimenting and examining the premises and operating mines, that the profits derived therefrom shall be equally divided between each of said partners.

6- It is further understood and agreed that in the event sufficient mica is found on said premises to justify mining operations that each of said partners shall devote his full time in connection with carrying on said mining operations.

7- The said Sanford Crane being the owner of the premises herein described does hereby agree that said property herein described may be used in any manner that the partners see fit in connection with carrying on the mining operations or experimenting and examining the premises for mica, and that if sufficient mica is found on the premises to justify mining of the same that sufficient roads may be made and maintained over said

land as may be necessary and convenient, and that any streams located on said premises may be diverted or dammed up on said premises if necessary. The right shall also exist to place upon said lands buildings and machinery and to remove the same. Also the right to use the surface of said land to the full extent that such use is reasonably convenient or necessary in mining, digging, milling, processing and removing mica therefrom.

8- The said Sanford Crane shall not receive any compensation for the use of the premises or for the rights above numerated or for his services in connection with operating mines or mining mica, other than one-half of the net profits from the partnership.

9- It is understood and agreed that neither party shall receive a salary from the partnership, and that a record of all transactions shall be kept, and on the first day of each month after the mining operations have been commenced that a settlement shall be made between the partners, one-half of the profits to be paid to Sanford Crane, and the other one-half to be paid to Reuben Sales.

IN TESTIMONY whereof, the parties to this Agreement have hereunto set their hands and seals the day and year first above written; this contract being executed in duplicate originals one of which is retained by each of the parties.

Sanford Crane (SEAL)

Ella Mae Crane (SEAL)

Reuben Sales (SEAL)

NORTH CAROLINA

WILKES COUNTY

I, Sidney G. Brooks, Notary Public, do hereby certify that Sanford Crane and Reuben Sales each personally appeared before me this day and acknowledged the due execution of the foregoing Contract and Partnership Agreement.

Witness my hand and notarial seal, ~~xxxxxxx~~ this 5th., day of September, 1951.

Sidney G. Brooks, N.P. (SEAL)

My commission expires:
Oct. 21, 1952

NORTH CAROLINA

WILKES COUNTY

I, E. L. Walls Notary Public - Justice of the Peace, do hereby certify that Ella Mae Crane personally appeared before me this day and acknowledged the due execution of the foregoing Contract and Partnership Agreement.

Witness my hand and official seal, this 15 day of September, 1951.

E. L. Walls (SEAL)
NOTARY PUBLIC - JUSTICE OF THE PEACE

My commission expires: Oct 26, 1952