DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2181

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 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:	Code 370 Indus.Minls.Br.	Date	10/23/51
To:	J. Barr Jr	Date	10-24-51
To:	Waskey	Date	10-24-51
To:	RM. 4070 CODE 600	Date	12-10-51
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DO NOT DETACH

CONTROLLED DOCUMENT

AUG 1 8 1953

600

Mr. Fred Wilson
45 King St.
Asheville, North Carolina

Re: Docket No. NMKA-2181 - Corundum-Mica
Raby Corundum & Mica Mine
Macon County, North Carolina

Dear Mr. Wilson:

Reference is made to your letter of August 11, 1953, requesting re-examination of the Raby Corundum & Mica deposit in Macon County, North Carolina.

Your request indicates that you desire to obtain exploration assistance for corundum and that you have completed additional work in exposing the corundum veins. Effective May 15, 1953, the commitment of funds allotted to the Defense Minerals Exploration Administration for exploration assistance under the Defense Production Act was restricted to metals and minerals still in short supply. Corundum was not specified and consequently was automatically removed from the list of metals and minerals for exploration assistance.

I regret to advise you that since your application relates to corundum we are without authority or funds to enter into a contract for exploration assistance and your request for review of your previously denied application must be reaffirmed.

Sincerely yours,

C. O. Mittendorf

Administrator

LGHouk:gad 8/18/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Operating Committee
Mr. Chandler, 3520
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

Denied

FILE COPY
SURNAME 13

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

600

Houk

AUG 18 1953

Mr. Fred Wilson
45 King St.
Asheville, North Carolina

Re: Docket No. DMEA-2181 - Corundum-Mica
Raby Corundum & Mica Mine
Macon County, North Carolina

Dear Mr. Wilson:

Reference is made to your letter of August 11, 1953, requesting re-examination of the Raby Corundum & Mica deposit in Macon County, North Carolina.

Your request indicates that you desire to obtain exploration assistance for corundum and that you have completed additional work in exposing the corundum veins. Effective May 15, 1953, the commitment of funds allotted to the Defense Minerals Exploration Administration for exploration assistance under the Defense Production Act was restricted to metals and minerals still in short supply. Corundum was not specified and consequently was automatically removed from the list of metals and minerals for exploration assistance.

I regret to advise you that since your application relates to corundum we are without authority or funds to enter into a contract for exploration assistance and your request for review of your previously denied application must be reaffirmed.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

LGHouk:gad 8/18/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Operating Committee
Mr. Chandler, 3520
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

HHR 8-18-53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 17 1953

45 King St.,
Asheville, N. C.,
August IIth I953,

Department Of The Interior,
Denfense Minerals Adminstration,
Washington 24 D. C.,

Dear Sir:

The last of I95I I sent in an application for aide to operate a corundum mine, and the inspection wasent successful as I wasent there to show them the mine, and they dident do any good, dident go into the tunnells and examine it, I have since done some more work, they can now get a view of the vein on the outcrop IOft below the surface the vein is 6 ft., wide, in the head of the upper tunnell 30 ft., deeper and 50 ft., in the mt., the vein is 7 feet thick, dips 80% in the hill, and at the head of the lower tunnell the vein is 8 ft., wide, 50 ft deeper, 70 ft back in the mt., this vein material is a soft alumnium formation some bauxite, and another alumnuim ore simular to bauxite, this material have the corundum crystals in it they are very eaisy washed out, I can turn a creek a few I00 ft up the valley and bring the water to the head of the tunnell for washing the corundum out of this vein material, the Bureau of mines tested this corundum and found it to be 85 to 90 percent pure crystal corundum, the corundum crystalized in hexagon prisms, I can get a great deal of corundum out of this mine and I want to work it, with some help from you, could you have this vein of corundum inspected again.

The mine is located on the head of Burningtown creek in Burningtow township, Macom County N. C., I have Raleigh Roper working the mine, and and he will show the Inspector the mine, he lives I mile below the mine on the road, his address is Franklin R.F.D.# 3 I can go to the mine, when th Inspector will be there.

I made the application together with a mica mine on the property but I only want money for the corundum mine the amts., are seperate, would you please let me know what you can do to help me put this mine in production, the docket # of my application was DMA 2I8I.

Yours truly,

Fred Wilson

FILE COPY
SURNAME:

100

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

Houk
Dietrich
Norton
Thayer
Mayfield
Johnson
Mittendorf (fw)

DEC 20 1951

Mr. Fred Wilson
931 N. Stafford Street
Arlington, Virginia

Re: Docket No. DMA 2181
Raby Corundum & Mica Mine
Exploration Project Application
Denial

Dear Mr. Wilson:

Your application for aid for an exploration project on Raby Corundum & Mica Mine deposit located in Macon County, North Carolina and docketed as DMA 2181, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgment, show definite promise of yielding material of acceptable grade, physical character and specifications, in quantities that will significantly improve the mineral supply position for National Defense.

A very careful study of your proposal revealed ~~the following:~~ that

The probability of disclosing minable reserves by your exploration proposal is not considered sufficiently promising to justify Government participation.

Under these circumstances, your application for exploration aid to the extent of 90% of $5,657.00 is denied.

Sincerely yours,

12/20

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

LHouk/meb
12/14/51
cc to: Adm.Reading File
Mails & Files
Mr. Mittendorf
Field Team,Reg.VII(2)
Mr. Houk
Arundale Norton
Docket

[illegible] Mine, Corundum Region VII	[illegible] WILSON, ARLINGTON, VIRGINIA, R[illegible] Corundum Mine, Macon [illegible]y, North Carolina. $5,657 re[illegible]ted. Field recommends denial. Referred to Examining Division

FILE COPY
SURNAME:

100

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

(Is newly sent to Washington for approval.)

DEC 20 1951

Mr. Fred Wilson
931 N. Stafford Street
Arlington, Virginia

Re: Docket No. DMA 2181
Raby Corundum & Mica Mine
Exploration Project Application
Denial

Dear Mr. Wilson:

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

A very careful study of your proposal revealed that the probability of disclosing mineable reserves by your exploration proposal is not considered sufficiently promising to justify Government participation.

Under these circumstances, your application for exploration aid to the extent of 90% of $5,657.00 is denied.

Sincerely yours,

Acting Administrator
Defense Minerals Exploration
Administration

LHouk/meb
12/14/51
cc to: Adm.Reading File
Mails & Files
Mr. Mittendorf
Field Team,Reg,VII(2)
Arundale
Norton
Houk
Docket

DMA 2181.
Corundum - Mica.
Fred Wilson
Raby Mine.

Name of Company Fred Wilson
Street Address 931 N. Stafford St
City and State Arlington, Va

~~Subject: DMA~~

Gentlemen:

Your application for aid for an exploration project on Raby Corundum Mica Mine deposit located in Macon County, North Carolina and docketed as DMA- 2181, has been reviewed by this office.

~~Exploration projects as defined in MO-5, Regulations Governing Government Aid in Defense Exploration Projects, must be confined to work necessary to search for unknown or undeveloped sources of strategic minerals, the work must be confined to a reasonable delineation and sampling of the ore and may not include work prosecuted primarily for mining or preparation for mining.~~

Projects approved by the Defense Minerals Administration must, in its judgment, show definite promise of yielding material of acceptable grade, physical character and specifications, in quantities that will significantly improve the mineral supply position for National Defense.

A very careful study of your proposal revealed the following:

The ~~data~~ probability of disclosing minable reserves by your exploration proposal is not considered sufficiently promising to justify government participation

Under these circumstances, your application for exploration aid to the extent of 90 % of $ 5,657 is denied. ~~Should additional information be available, we would be glad to have you resubmit your proposal for consideration.~~

~~Unless we receive a request within 30 days we will consider the case closed.~~

Sincerely yours,

Tom Lyon, Director
Supply Division

Enclosures
(5 copies each of MF-100, 101, and 102)

OK JJ Nolan

BUREAU OF MINES
REFERENCE SLIP

DATE 12/10/51

REFERRED TO:
1. ~~Norton U.S.G.S.~~
2. Dietrick USBM
3.
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	
..... Conference	..... Referring to .....
..... Consideration	
..... Filing	..... Reply for sig. of .....
..... Instructions	
..... Investigation	..... Rewriting
..... Initials	..... Signature
..... Mailing	..... Suggestions
..... Previous corres.	..... Your information

REMARKS: Please supply memo in duplicate on whatever action you recommend

Check (X) before the items needing attention.

Hook

Form 95 **Name of sender**

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Room 13, Post Office Building
Knoxville, Tennessee

Reviewed by DMEA Operating Com. 12/7/51 [illegible]

December 3, 1951

Memorandum

To: Mr. Frank Johnson, Chairman Coordinating Committee

From: Field Team Region VII

Subject: DMA-2181X, Fred Wilson (mica-corundum)

Enclosed herewith are four copies of the field examination report on the subject application, by A. L. Peyton and K. H. Teague. The Field Team agrees with the recommendation for denial of the application.

The original application and review are enclosed herewith; also some samples submitted by the applicant.

Robert A. Laurence

Robert A. Laurence
Executive Officer
DMEA Field Team Region VII

Wm. A. Beck

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

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. 8:37 A.M. DEC 5 '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMA-2181X, Fred Wilson, Applicant (mica)

Franklin, Macon County, North Carolina

By

A. L. Peyton, Mining Engineer
U. S. Bureau of Mines
&
Kefton H. Teague, Geologist
U. S. Geological Survey

November 29, 1951

RABY CORUNDUM & MICA MINES
Macon County, N. C.

Report on DMA-2181X, Fred Wilson, Applicant

Raby Corundum Mine - located about 12-miles west of Franklin, Macon County, North Carolina. The two openings made for corundum are located along the north bank of Burnington Creek about 1.2 miles west of Mt. Sinai church.

The lower adit is eight feet above creek level and about 70 feet in length. The upper one is about 30 feet above creek level and 50 feet in length. Both adits are in similar rocks. These rocks are deeply weathered and consist of interbanded hornblende gneiss and biotite gneiss, both of which have been thoroughly injected and saturated by granite. Later small pegmatites have intruded all of the above rock. Where the pegmatites have cut hornblende rock a zone of vermiculite has been developed along the contact.

No corundum was found in place. Only a few small crystals of corundum were found in the dump. The corundum is well crystalized. There is no geologic basis to believe that enough corundum is available to this place to warrent a commercial operation.

The Field Team recommends that the loan request be refused.

Raby Mica Mine - The prospect is located about 700 feet due south of the corundum described above, along the south side of the valley. At this place several shallow pits, dug along the hillside, have exposed a pegmatite which ranges in thickness from 3 to 8 feet. In addition to the pits there is one open cut 30 by 15 feet and 8 feet deep.

The pegmatite strikes about N. 25° W., dipping 35-40° northeast, at about the same angle as the slope of the hill. It is hard and enclosed is semi-weathered biotite gneiss. Mica books up to 6-inches across were found in the pegmatite, but they are not abundant. The mica examined was clear, hard, and ruby colored; however, it was badly cracked and bent.

Although some mica of strategic grade could be obtained from this place, the pegmatite appears to be too lean in mica to permit an economical operation, therefore, the Field Team recommends that the loan request be refused.

A. L. Peyton, USBM
K.H. Teague, USGS

Nov. 29, 1951

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
REPORT OF INVESTIGATION BY FIELD TEAM, REGION VII

DMA-2381X, Fred Wilson, Applicant (mica)
Franklin, Macon County, North Carolina

By

A. L. Peyton, Mining Engineer
U. S. Bureau of Mines
&
Kefton H. Teague, Geologist
U. S. Geological Survey

November 29, 1951

RABY CORUNDUM & MICA MINES
Macon County, N. C.

Report on DMA-2181X, Fred Wilson, Applicant

Raby Corundum Mine - located about 12-miles west of Franklin, Macon County, North Carolina. The two openings made for corundum are located along the north bank of Burnington Creek about 1.2 miles west of Mt. Sinai church.

The lower adit is eight feet above creek level and about 70 feet in length. The upper one is about 30 feet above creek level and 50 feet in length. Both adits are in similar rocks. These rocks are deeply weathered and consist of interbanded hornblende gneiss and biotite gneiss, both of which have been thoroughly injected and saturated by granite. Later small pegmatites have intruded all of the above rock. Where the pegmatites have cut hornblende rock a zone of vermiculite has been developed along the contact.

No corundum was found in place. Only a few small crystals of corundum were found in the dump. The corundum is well crystalized. There is no geologic basis to believe that enough corundum is available to this place to warrant a commercial operation.

The Field Team recommends that the loan request be refused.

Raby Mica Mine - The prospect is located about 700 feet due south of the corundum described above, along the south side of the valley. At this place several shallow pits, dug along the hillside, have exposed a pegmatite which ranges in thickness from 2 to 8 feet. In addition to the pits there is one open cut 30 by 15 feet and 8 feet deep.

The pegmatite strikes about N. 25° W., dipping 35-40° northeast, at about the same angle as the slope of the hill. It is hard and enclosed is semi-weathered biotite gneiss. Mica books up to 6-inches across were found in the pegmatite, but they are not abundant. The mica examined was clear, hard, and ruby colored; however, it was badly cracked and bent.

Although some mica of strategic grade could be obtained from this place, the pegmatite appears to be too lean in mica to permit an economical operation, therefore, the Field Team recommends that the loan request be refused.

A. L. Peyton, USBM
E.H. Teague, USGS

Nov. 29, 1951

noted file 12/30/51

931 North Stafford St.,
Arlington, Va.,
27th 1951,

NOV 29 1951

Mr. Robert A. Laurence,
Knoxville, Tenn.,

Dear Mr. Laurence;

If you go to the Raby Corundum Mine, and the Raby Mica Mine, leave Franklin, on the Bryson City road South West, till you come to the road to Burningtown at the double branches at the foot of hill 2 miles from Franklin take the left asphalt surfaced road to the mine, pass the Moody farm, at end of the asphalt surface road you continue straight on hard furfaced road across hill cross small bridge, take left road and cross bridge on Burningtown creek continue up creek, pass road on left, continue left at next side road to the right pass 3 stores on your left, Mr. Raleigh Rooper house at Mail boxes, he will show you the mines, which is on Roy Mason land he may not be home he went to Pennsylvania to work on a tunnell job, but he will be back to work this Corundum mine for me, and Mr. Rooper and another man Thomas Marshall, I intended to come down for the last 3 days of the Deer season 5, 6, and 7th but it will be 2 weeks before I can go down , then I want to start working the Corundum vein in the upper and lower tunnell, also sink an incline shaft on the vein from the surface to the left of the upper tunnell and go to a greater depth than the lower tunnell and pump the water out, I have pumps, I have sent a sample of this vein material to the Alcoa Mining Co., they will buy it, after I wash and seperate the Corundum and other minerals from it, I can convey it to a bin for loading into trucks, I will sell the Corundum to the Procurement Divison. I intend to flume the creek to the entrance of the tunnells where I will use a trommell screen, or spinners which I can build, and different sizes of other screens, I will be on the job and put my entire time in this Corundum and Mica mine, I am enclosing a sample of the Mica, and Corundum, the Mica vein havent been worked since the first world war, and as the vein is course pegmatite it dips into the hill on the strike, same as the dip, I will timber a shaft down on the vein with the pitch both ways keeping on the bottom tray of the vein as soon as I get this Corundum mine on a paying bassis, I have A Beryl vein, and a tin mine in quartzite, both in Jackson County, the Beryl under the Whiteside Mt., and the Tin, on the Blueridge, in the Cashiers District I want to work.

Yours truly,

Fred Wilson

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

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 2 6 1951
Defense Minerals Administration,
Production Expansion Division.

November 23, 1951

Mr. Frank E. Johnson
Acting Administrator, Chairman
Coordinating Committee
Defense Minerals Exploration Administration
Washington 25, D. C.

Subject: Application DMA-2181
Fred Wilson
Corundum and Sheet Mica
Macon County, North Carolina

Dear Mr. Johnson:

This will acknowledge receipt, on this date, of file on subject application from Mr. Fred Wilson, 931 N. Stafford Street, Arlington, Virginia.

Arrangements for field examination in the near future will be made.

Very truly yours,

W. A. Beck

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

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
NOV 26 10 41 AM '51

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

370

NOV 20 1951

Mr. Fred Wilson
931 N. Stafford Street
Arlington, Virginia

Subject: DMA-2181X, Corundum & Mica
Property: Macon County, N. C.

Dear Mr. Wilson:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMA Field Team, Region VII, Room 13, Post Office Building, Knoxville, Tennessee, for further information.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Administrator

LGHOUK:mp
11-9-51
cc: Administrator's File
DMA Docket File
Field Team, Region VII (2)
Mr. Lyon
Mr. Barr

[illegible]
[illegible]
[illegible]
[illegible]

370

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

We return herewith an application for exploration [illegible]

Applicant: Fred Wilson (Lady Carmelita Mine) (Lady Elsie Mine)

Docket No. [illegible]

Commodity: Carnotite - Uran

Amount $: 90% of $5,652.00

Please expedite the consideration of this application with [illegible] reference to the points noted in the attached memorandum.

Very truly yours,

(signed) FRANK E. JOHNSON

Acting Administrator; Chairman
Coordinating Committee

Bureau of Mines

Geological Survey

LGHOUK:mp
11-9-51
Administraotr's File
DMA Docket File

370

NOV 20 1951

Mr. Fred Wilson
931 N. Stafford Street
Arlington, Virginia

Subject: [illegible], Corundum & Mica
Property: Mason County, N. C.

Dear Mr. Wilson:

Your application is being referred to Mr. Robert L. Laurence, Executive Officer, DMA Field Team, Region VII, Room 13, Post Office Building, Knoxville, Tennessee, for further information.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Administrator

LGHOUK:mp
11-9-51
cc: Administrator's File
DMA Docket File
Field Team, Region VII (2)
Mr. Lyon
Mr. Barr

dma 2181

MINERALS
STRATION
NGTON, D.C.
23 10 20 AM '51

93I N. Stafford St.,
Arlington, Va.,
October 22nd I95I,

U. S. Department Of The Interior,
Denfense Minerals Administration,
Washington, D. C.,

Dear Sir;

I am herewith making application for exploration loan, to open up a corundum mine and start producing corundum for sale to the National stock pile, and for a exploration loan on a Mica mine same lease and property, Roy Mason, Franklin, N. C., R.F.D. # 3 owner, I have a 5 year lease.

I have had two tunnells to the corundum mine cleaned out, and the Mica vein exposed for samples clear # I flat Ruby colored Mica, sample of each enclosed, the formation of Mica in this vein small flat books or blocks of mica clear of reeves, ribbon, No mineral inclusion, and will sheet clear to the edges.

I can work both mines at the same time, as I can get good miners to work they are very plentiful in this section of the country. I will put in my entire time at the mines.

Last year I950 I spent the entire year prospecting and searching for minerals, I found Beryl on the Forest Service lands in the Whiteside Mt., country, Tin on the Blueridge Mt., in Jackson County, I Mica mined for 3 years during war2 and sold Mica to the Gov., I have been mining and prospecting appx., ½ of my time since I93I in Macon County, Jackson County Transylvania County Haywood County Cleveland County North Carolina, Oconee, Pickens, Anderson, Greenville, Counties South Carolina, and Raburn County Ga., and have found and tested such minerals lead Galena, Zinc, Monazite, Kyanite, Talc, Asbestos, Quartz crystals, and other minerals, I am 54 years of age and was born in Jackson County North Carolina, I have been living at the above address and will be there until the I6th of November, then I will go back to my home 45 King St Asheville, N.C., my address at the mines Franklin, N.C., General delivery, my work in this part of the country have been carpenter work, at present I am working on a residence in N. W. Washington, D.C., if a inspection is required of these mines I can meet the Inspector in Franklin, or have Mr. Raleigh Rooper, R.F.D. # 3 Franklin, N.C., or Roy Mason, same address to meet him, I am ready to go to the mines and start work as soon as the loan is approved.

Yours Sincerely,

Fred C Wilson

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2181

Commodity corundum mica

Total Amount 5,657,00

Govt. Participation 90%

1. Name and Address of Applicant Fred Wilson
931 N. Stafford St. Arlington, Va

2. Location of Property 15 miles NW of Franklin NC.

3. Mineral or metal corundum mica Is it listed in Section 9 of MO-5?

If not, application will be rejected. yes

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes.
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Yes.

Does the lease have sufficient time to run to cover a future productive period? Yes

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower _____

b) Equipment and supplies ✓
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* _____

d) Water (question 13)* _____

e) Power (question 13)* _____

Is a field check needed on any of these points? Yes

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

_____

Is a field check needed on this point? _____

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? ?

If not, what part of it is? _____

_____

_____

_____

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? yes

f) Should more information be requested from applicant? _____

g) Is a field examination necessary to complete Exhibit A? yes.

11. Exhibit B (question 23-d)*

a) Is it applicable? yes

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? yes

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? yes.

b) Sufficient data? ~~yes~~ No If so, attach a draft.

c) Are rents and charges reasonable? yes.

d) Is a field check needed? yes ~~Compressor not [illegible].~~

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? yes

b) Is the schedule adequate for the work proposed? ?

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? yes

e) Is a field check needed? yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? ?

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? In portion of this development. More information is needed on geology, age of deposit and mode of occurrence

Reviewed by: Hook

Date 11/8/80

INT.-DUP. SEC., WASH., D.C. 99009

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmea 2181

Date received 10-23-51

Home address, Fred Wilson,
45 King St.,
Asheville,
North Carolina,

Present address 931 N. Stafford St.,
Arlington, Va.,

Name and address of applicant

Date October 15th 1951,

DEFENSE MINERALS ADMINISTRATION WASHINGTON OCT 23

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5)~~ priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

X
5

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced: Corundum, # I clear flat Ruby Mica,
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any? Vermiculite, Kyanite, Rutile, Rubies, Sapphires.
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry(ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts. none found
   (*b*) Linear feet of drifts and crosscuts. Vein material have filled such tunnells
   (*c*) Linear feet of tunnels or adits. lower entrance tunnell 70 ft., upper tunnell 50 ft.,
   (*d*) Linear feet of other mine openings (explain briefly). not known, cleaned out,
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. lower tunnell draining water,
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. I5 N. W. of Franklin, N. C.,
   (*b*) Mining district. Franklin-Sylva.,
   (*c*) Township, Section, Range. Burningtown,
   (*d*) County, State. Macon, N.C.,
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. entrance tunnells cleaned out, Mica Vein partly uncovered,
   (*b*) Are you operating this property as:
   ☐ Owner.
   ☒ Lessee.
   ☐ Contractor.
5. Number of years in production 50 years since operated,
   If not in production or operation, estimated date when production will begin 30 days after loan is passed
6. Experience of operators: 8 years mica mining, sheeting, grading, Gelogy, Mineralogy, prospecting, testing, Gemology, gem cutting, and Mining.
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. Roy Mason miner tunnelling hard rock, general mining,
7. History: Raleigh Rooper, mining mucking, mica & corundum mining, timbering,
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. Corundum mined , Rubies, Sapphires, Mica
   (*b*) State briefly the known history and production of adjoining and neighboring properties. corundum & mica belt,
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. sample Corundum Bureau Of Mines, strategic value
   Mica mine on opposite side of Mt., worked during Ist world war,

16—63792-1

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmea 2181

Date received 10-23-51

Name and address of applicant

Home address, Fred Wilson,
45 King St.,
Asheville,
North Carolina,

Present address 931 N. Stafford St.,
Arlington, Va.,

Date October 15th 1951,

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950,~~ (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

X
5

DEFENSE MINERALS ADMINISTRATION WASHINGTON
OCT 23 10 ... 51

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced: Corundum, # I clear flat Ruby Mica,
   (a) What are the chief mine, mill, or smelter products?
   (b) What are the byproducts, if any? Vermiculite, Kyanite, Rutile, Rubies, Sapphires.
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (a) Linear feet of shafts. none found
   (b) Linear feet of drifts and crosscuts. Vein material have filled such tunnells
   (c) Linear feet of tunnels or adits. lower entrance tunnell 70 ft., upper tunnell 50 ft.,
   (d) Linear feet of other mine openings (explain briefly). not known, cleaned out,
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. lower tunnell draining water,
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. I5 N. W. of Franklin, N. C.,
   (b) Mining district. Franklin-Sylva.,
   (c) Township, Section, Range. Burningtown,
   (d) County, State. Macon, N.C.,
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. entrance tunnells cleaned out, Mica Vein partly uncovered,
   (b) Are you operating this property as:
   - ☐ Owner.
   - ☒ Lessee.
   - ☐ Contractor.
5. Number of years in production 50 years since operated,
   If not in production or operation, estimated date when production will begin 30 days after loan is passed
6. Experience of operators: 8 years mica mining, sheeting, grading, Gelogy, Mineralogy, prospecting, testing, Gemology, gem cutting, and Mining.
   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. Roy Mason miner tunnelling hard rock, general mining, Raleigh Rooper, mining mucking, mica & corundum mining, timbering,
7. History:
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. Corundum mined , Rubies, Sapphires, Mica
   (b) State briefly the known history and production of adjoining and neighboring properties. corundum & mica belt,
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. sample Corundum Bureau Of Mines, strategic value

Mica mine on opposite side of Mt., worked during Ist world war,

16—63792-1

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. 500 yards from hard surface road to mine each way Corundum and Red Mine, 15 miles station

14. Water Supply: creek available flume 300 ft Corundum Mine, tunnell entrances,

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof. short extension of main line,

16. Labor: plenty of labor for mining, experinced men.

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation. to be built,

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain. need Gov., loan,

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.

(Name of company)

By Fred Wilson
(Signature of authorized official)

Oct 22nd 1951
(Date)

(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

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 2181

Date received 10-23-51

Participation

Fred Wilson
931 N. Stafford St.,
Arlington,
Virginia,

Name and address of applicant

Date October 15th 1951

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C. OCT 23 10 20 AM '51

FILL IN THIS BLOCK

Date of application October 15th 1951

Estimated cost Corundum Mine $2.786.00
Mica Mine 2.871.00

Mineral or metal Corundum, Mica,

Percentage of Government participation 90 %

Location of mine Macon County, Franklin N. C., 15 miles N.W. of Franklin, on Burningtown creek, Burningtown Township, Corundum Mine, on S.E slope of the Nantahalla Mt., Mica mine on opposite Mt., N.W. slope Nantahalla Mt.,

Date of filing MF-100 October 15th 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? Individual

*2. If a partnership, state names and addresses of partners.

*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 8 years Mica mining sheeting grading, Mineralogy, Gelogy, Gemology,

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

7. If lessee, attach a copy of the lease and state if it is in good standing. yes

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. Mines not operated

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 %

*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. Same area lease
(*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. Raby Corundum Mine, Raby Mica 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. 15 miles R.R. Station, hard surfaced roads,
*13. State source and quantity of water available for operations and its sufficiency at all seasons. creek use gas,
State amount of power to be used, rate per hour or other cost, and source. short extention required
*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. bags, boxes, barrells, at mine
*16. History: Corundum appx., 50 years, Mica War # I mining was done
(*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. corundum mining ceased
(*b*) State briefly the known history and production of adjoining and neighboring properties. Corundum, Mica, Belt
(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. corundum sample to Bureau of Mines strategic
*17. Production:
(*a*) If mine is in production, furnish the following information:

	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. attached sheet,
(*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. attached sheet,

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? " "
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 90 days

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. 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. attached sheet
(*b*) Supervisors, by numbers and positions, with salaries of each. " "
(*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. " "
(*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. water power, gasoline,
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. " "

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.

(Name of company)

By Fred Wilson
(Signature of authorized official)

Oct 22nd 1951
(Date)

(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

I0 Lease attached, with boundaries of land, and maps of mines, Corundum Mine appx., 600 ft North from hard surfaced road across bottom, and Burningtown creek on S. E. side of Nantalalla Mt., Mica Mine South of road, appx., 500 ft., on N. W. side of Mt.,

II Raby Corundum Mine, Raby Mica Mine,

I2 S.E. 9miles hard furfaced road, 2 miles asphalt surface road 4 miles concrete appx I5 miles to railroad depo,

I3 creek to be flumed 300 ft., to mouth of tunnells for sereening and seperating corundum and other minerals, appx., I0.000 cubic Inches water.

I4 none.

I5 bags, boxes, or barrells, truck, or railroad cars, corundum washed screened seperated and graded at mine. Mica full trimmed, graded at mine.

I6 the Corundum mine known as the Raby coundum mine last work appx., 50 years ago, Mica mine worked during the first war, Raby Mica Mine. corundum, and Mica Belt. sample of corundum sent to Bureau Of Mines, strategic value, sample of the remaining vein material to be sent to the Alcoa Mining Co., N.Y., and if it contain alumnium it will be of interest to them. Mica clear # I flat Ruby colored mica suitable for condensers, or where such mica is required.

I7 Corundum and Mica mine not in production, I have had the tunnells to the corundum mine cleaned out, and the mica vein partly uncovered.

I8 Corundum mine where the upper tunnel strike the vein it is 5 feet between hard walling, strike of vein N.22½ degrees East, and S. 22½ degrees West, dip 80 degrees N. W. into side of Mt., vein material soft crumbly material can be mined with pick and shovel, the vein tunnells have filled up with vein material fell in from the vein above, this upper tunnell strikes the vein at 50 ft., from the entrance, the lower tunnell appx., 40 ft., below, strike the vein at 75 ft., and the vein is 7 ft., wide.

I9 tunnell timbering have completed decayed and the tunnells completely refilled with vein materials, dont know the distance the tunnells had been run when worked last, the entrance tunnell to the vein is in solid formation and dont require timbering, this in the corundum mine. the Mica mine in kaolin and coarse pegmatite 5 foot vein.

20 Corundum, byproduct kynite, vermiculite, rutile, rubies, sapphires, Mica, mine on other mt., # I clear, and # 2 slightly stained clay, no mineral inclusions.

2I Flume for conveying water a sq., 2'X2' trough 5 pcs. I2 inch boards 300 ft long. set trommel screen in water flow, build shutes from tunnell entrances to trommel screens, build seperating and grading tables, and different size sieves, build tool house and storage house for corundum and other minerals, set cross ties and railing for tram car in each tunnell, timber up vein tunnell as vein material is removed and ores washed out, stope and work out vein on strike each way, upper and lower tunnell, to get a shipment of corundum and the mine in production in 60 days, and to spend this money, but to work the mine out will take 5 years, the Mica Mine 60 days, clean out, uncover the Mica vein strip surface, build tool house aand for the storage of mica, set down machinery and equiptment, and to get a shipment of Mica and put the mine on a production bassis, and to spend this money.

22 Samples of the vein taken in the upper tunnell showes average of 3 lbs., crystalized corundum 6 sided prisms, to the cubic ft., of vein material corundum in the lower tunnell larger and appx., 6 lbs to the cubic yard 2 men in each tunnell should produce 20 yards of vein material and to average 4 lb., to the cub ft., 2. I60 lbs of corundum per day should be expected, the deposit on the lower tunnell level and to the upper tunnell and above, length of the strike should be 200 ft., height 50 ft average of vein 6 ft., an incline shaft from the outcrop down on the vein greater than the depth of the lower tunnell, would prove the extent of the deposit, the Mica vein should produce from 200 to I000 lbs of block mica per day, and being flat clear mica should produce 20 % shee larger than I½ X2 inches, this mine is in the center of the Ruby Mica belt.

23 I miner timber man and forman @ $I.00 an hr.,$40.00 wk., 8 wks $320.00
2 muckers .75 an hr 30.00 " 8 wks 480.00
I man to run the washing plant $I.00 an hr 40.00 " 8 wks 320.00
I helper " " " " .75 an hr 30.00 " 8 wks 240.00
Bulldozer 2 days moving dirt 8.00 an hr I28.00
cleaning , leveling side of hill for washing plant.
I trommel screen for washing and cleaning corundum, to be bought 600.00
I tram car I yard size 600 lineal ft railing to be bought 270.00
Lumber and labor for building flume, screens shutes tool and storage house, 400.00
Truck I day 28.00

For Corundum Mine $ 2.786.00

23 I Miner as forman @ $I.00 an hr.,$40.00 wk 8 wks., 320.00
I driller I.00 " " 40.00 " 8 " 320.00
2 Mica sheeters .75 " " 30.00 " @ 8 " 480.00
2 muckers .75 " " 30.00 " @ 8 " 480.00
bulldozer moving dirt stripping surface of vein 2 days I28.00
Air compressor 60 days rent I50.00
gasoline oil $20.00 a week 8 " I60.00
Dynamite an exploders 30.00 " " 8 " 240.00
I Ingersoil Rand Air hammer water drill to be bought drilling use I" steel column post and slide, for inside 450.00
I Truck I day for moving all eqpt., to mica mine. 28.00
300 lineal ft., tram car railing 75.00
Material I have on hands I will move to this mica mine
4 sets of drill steel 2 ft., 4 ft., 6 ft., 8 ft., $80.00
600 jack bits screw type 2½ inch diameter, 2½ " 2.I/8" 2" I.7/8"
I.3/4" I.5/8 I½" for above I" steel. 240.00
2 50 ft., 3/4 inch air hose and connections 30.00
2 50 ft., ½ inch water hose for wet air hammer 25.00
I Sullivan jack hammer dry drill for outside . 400.00
drilling use I" steel
I Ingersoil Rand jack hammer using 7/8inch steel 200.00
and I set of steel and bits
I 3inch steam pump or air 975.00 rent 40.00
I 2" pump and gas motor 2 months
I hand pump Mica mine $ 2.871.00
2 heavy centrifugal pumps 2 3inch intakes 2 3inch Corundum
outlets pump 500 G.P.M. each I50 ft., 3 inch hose mine $ 2.786.00
use at either mine if needed, total $ 5.657 00
I tram car to be used at Mica mine,
I rubber tired wheelborrow,
Picks, shovels, hand hammers
this equiptment to be used at either mine no rent,

24 will start work in each mine as soon as approval, and expect to finish in 3 months one mine or both mines if both are approved, in corundum the first 30 days for building flume, screens, shutes, tool house and storage bldg., and bulldozer work, and balance in 2 more months, Corundum mine.

Mica Mine, clean out old works, work work done with bulldozer, vein surfacee of vein stripped, first 30 days I/3 of money spent and work done. balance 2 months.

North Carolina
Macon County

Agreement this agreement made this 4th day of December 1950 by and between Roy Mason party of the first part, and Fred Wilson party of the second part.

Witnesseth that for and in consideration of one dollar ($1.00) and other valuable considerations as hereinafter contained on the part of the party of the second part to be performed, the party of the first part hereby leases unto the party of the second part for a term of five years 5 years, from the above date, the mineral rights, mining rights, the right of ingress and egress, water rights for mining purposes, to dam and convert the stream for the purpose of washing and separating the corundum, Rubies, Sapphires, Oriental Sapphires, crystal quartzes and their non-precious gems, and all other gems that may be found, and all minerals that may be mined and found on the land as below described, the right to run tunnels, sink shafts, quarry, hydraulic mine with water, and any other method of mining, the right to erect buildings for mining purposes, on the land as described below.

Beginning on a black gum the south west corner of section 50 and running S 50 W twenty poles to a small locust, thence S 70 W 80 poles to two small black oaks on the east side of the Mountain, thence (N 50 E) 200 poles to a stake crossing the North fork of Burningtown creek at 50 poles, thence S 70 E 80 poles to a stake in the line of section 50, thence S 50 W 200 poles to the beginning, containing 50 acres more or less, and being the same land described in a Deed from James Holland, and wife to W. P. Youts, dated 28 August 1920 Recorded in a Deed Book O-4 page # 520 Records Macon County North Carolina.

That the party of the second part shall pay to the party of the first part his heirs or assigns a royalty of 10 percent on the gross sales on corundum, Rubies, Sapphires, Oriental Sapphires, quartz crystals and their non-precious gems, and all other minerals that may be found and sold.

That before the 15th of each month the royalty shall be paid by the party of the second part his heirs or assigns, on all minerals as above stated the minerals mined and sold the previous month, minerals include all gem stones as above stated, should any minerals mined the previous month not be sold, and any month when sold the royalty shall be due and payable as above stated, the original sales receipt shall be shown at the time the royalty is paid to the party of the first part his heirs or assigns, if paid by mail the original sales receipt or a duplicate to be sent at time royalty is paid, a complete record shall be kept of all corundum, Rubies, Sapphires, Oriental Sapphires, Crystal quartzes and their Non-Precious gems and all gems and minerals sold, such record shall be open for inspection by the part of the first part heirs or assigns.

That the above party of the second part shall have the right to sell this lease, sub in any party or parties, or assigns, such party or parties shall comply with all terms of this lease, or should the party of the first part his heirs or assigns sell this land then such first parties shall comply with all terms of this lease.

That the party of the second part his heirs or assigns shall not cease mining or prospecting on the above lands for 90 consecutive days in any 5 months period, or this lease shall be declared null and void, or any other terms of this lease be violated or broken, then the party of the first part heirs or assigns can declare this lease null and void after giving the party of the second part 30 days to correct such default.

In witness whereof the parties hereof have set their hands and seals the day and year first above written.

Roy Mason Seal
Fred Wilson Seal

North Carolina
Macon County

I Elizabeth McCollum A ~~Notary Public~~ Deputy Clerk Superior Court for the aforesaid State and County, hereby certify that personally appeared before me Roy Mason, and Fred Wilson, and acknowledged their signatures for the due execution of this instrument for the purpose therein expressed,

Witness my hand and Notarial Seal this the 4th day of December 1950.

My commission expires

Elizabeth McCollum
Deputy Clerk Superior Court

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Macon, State of North-Carolina, described in a certain Exploration Project Contract dated October 15th 1951, 195 I, between Fred Wilson Lessee,

the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated Dec 4th 1950.

and, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 11 day of August, 1951.

Roy Mason

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
OCT 23 10 20 AM '51

IN REPLY REFER TO:

G-MD-WRG

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

November 5, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

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

Subject: Application DMA-2181 from Fred Wilson for exploration for corundum and sheet mica in Macon County, North Carolina

This application, DMA-2181 is for exploration of two separate, but neighboring deposits, called a Raby mine. One of corundum, the other of mica. It should be referred to the field team.

The files of the Geological Survey contain no information about either of these deposits. The location given on the index maps submitted with the application is about a mile north of the Raby mine that was worked by Grady Duvall in 1943 and 1944, and over 5 miles west of the Upper Raby mine that was operated a little earlier. That is fortunate, as both of the earlier Raby mines were of little value.

There is no question about the quality of the mica sample submitted or the identity of the corundum. The applicant has submitted unusually complete information, but not enough to permit a good evaluation of the deposits. The application should therefore be referred to the field team to determine the geology of the deposits, and the size, properties in crude form, and mode of occurrence of the minerals sought. If exploration assistance is given, the proposal will probably have to be revised so as to apply to one deposit only.

W R Griffitts

W. R. Griffitts

FILE COPY
SURNAME:

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

Hook
Barr
F E Johnson

NOV 20 1951

Mr. Fred Wilson
931 N. Stafford Street
Arlington, Virginia

Subject: DMA-7181X, Corundum & Mica
Property: Macon County, N. C.

Dear Mr. Wilson:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMA Field Team, Region VII, Room 13, Post Office Building, Knoxville, Tennessee, for further information.

Sincerely yours,

(signed) FRANK E. JOHNSON (for)

Acting Administrator

cc 11/20

LGHOUK:mp
11-9-51
cc: Administrator's File
DMA Docket File
Field Team, Region VII (2)
Mr. Lyon
Mr. Barr

[illegible]
[illegible]
[illegible]
[illegible]

370

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

[illegible]

To attach [illegible] application for [illegible]

[illegible]

Applicant Fred Wilson (Ruby Corundum Mine) (Ruby Mica Mine)

Docket No. DMA-21811

Commodity Corundum - Mica

Amount $ 90% of $5,657.00

Please expedite the consideration of this application and advise the referees in the places named in the attached "Memorandum".

Very truly yours,

Frank E. Johnson
Acting Administrator, Chairman
~~[illegible]~~
Coordinating Committee

[illegible]

[illegible]

LGHOUK:mp
11-9-51
Administrator's File
DMA Docket File (RKR)

[illegible]
[illegible]
[illegible]
[illegible]

370

Mr. Robert A. Lawrence, Executive Officer
TVA Field Team, Region VII
Room 19, Post Office Building
Knoxville, Tennessee

[illegible]

We return "Application for Higher-Level Position"

[illegible]

Applicant: Moo-Moos (Lady Cowmen Mio) (Lady Moo Moo)

Position: [illegible]

Classify: Cowmen - Moo

Amount: $[illegible] of $13,657.00

Please expedite the consideration of this application and advise reference to the points subject in the attached memo.

Very truly yours,

(signed) FRANK E. JOHNSON

Acting Administrator, Chairman
Coordinating Committee

Job Vacancy of Place

Job Collegial Survey

IN REPLY REFER TO:
G-MD-WRG

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

November 5, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

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

Subject: Application DMA-2181 from Fred Wilson for exploration for corundum and sheet mica in Macon County, North Carolina

This application, DMA-2181 is for exploration of two separate, but neighboring deposits called a Raby mine one of corundum, the other of mica. It should be referred to the field team.

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There is no question about the quality of the mica sample submitted or the identity of the corundum. The applicant has submitted unusually complete information, but not enough to permit a good evaluation of the deposits. The application should therefore be referred to the field team to determine the geology of the deposits, and the size, properties in crude form, and mode of occurrence of the minerals sought. If exploration assistance is given, the proposal will probably have to be revised so as to apply to one deposit only.

W. R. Griffitts

WRGriffitts:hhp
G-11/5/51

cc: Director's Reading file, 4212
Branch " " "
DMA files
WRGRIFFITTS, G-228, GSA Bldg., USGS

Mr. Fred Wilson
931 N. Stafford Street
Arlington, Virginia

Subject: DMA-2181
Re: Exploration Loan
Raby Corundum Mine

My dear Mr. Wilson:

This will acknowledge receipt of your application dated October 15, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2181 and referred to the Industrial Minerals Branch.

Kindly refer to DMA-2181 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.

OCT 23 10 20 AM '51

931 N. Stafford St.,
Arlington, Va.,
October 22nd 1951,

U. S. Department Of The Interior;
Denfense Minerals Administration,
Washington, D. C.,

Dear Sir;

I am herewith making application for exploration loan, to open up a corundum mine and start producing corundum for sale to the National stock pile, and for a exploration loan on a Mica mine same lease and property, Roy Mason, Franklin, N. C., R.F.D. # 3 owner, I have a 5 year lease.

I have had two tunnells to the corundum mine cleaned out, and the Mica vein exposed for samples clear # I flat Ruby colored Mica, sample of each enclosed, the formation of Mica in this vein small flat books or blocks of mica clear of reeves, ribbon, No mineral inclusion, and will sheet clear to the edges.

I can work both mines at the same time, as I can get good miners to work they are very plentiful in this section of the country. I will put in my entire time at the mines.

Last year 1950 I spent the entire year prospecting and searching for minerals, I found Beryl on the Forest Service lands in the Whiteside Mt., country, Tin on the Blueridge Mt., in Jackson County, I Mica mined for 3 years during war2 and sold Mica to the Gov., I have been mining and prospecting appx., 4 of my time since 1951 in Macon County, Jackson County Transylvania County Haywood County Cleveland County North Carolina, Oconee, Pickens, Anderson, Greenville, Counties South Carolina, and Raburn County Ga., and have found and tested such minerals lead Galena, Zinc, Monazite, Kyanite, Talc, Asbestos, Quartz crystals, and other minerals, I am 54 years of age and was born in Jackson County North Carolina, I have been living at the above address and will be there until the 10th of November, then I will go back to my home 45 King St Asheville, N.C., my address at the mines Franklin, N.C., General delivery, my work in this part of the country have been carpenter work, at present I am working on a residence in N. W. Washington, D.C., if a inspection is required of these mines I can meet the Inspector in Franklin, or have Mr. Raleigh Reeper, R.F.D. # 3 Franklin, N.C., or Roy Mason, same address to meet him, I am ready to go to the mines and start work as soon as the loan is approved.

Yours Sincerely,

Fred Wilson

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Macon, State of North-Carolina, described in a certain Exploration Project Contract dated October I5th, 195 I, between Fred Wilson Lessee,

the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated Dec. 4th 1950 and, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 11 day of August, 1951.

Roy Mason

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

DEFENSE PLANT ADMINISTRATION WASHINGTON, D.C.
OCT 23 10 20 AM '51

Filed for registration on the 21 day of May 1951, at 10:30 o'clock A.M., and registered and verified in the office of the Register of Deeds for Macon County in Book No. A-6, Page 127

This 23 day of May 1951

Lake V. Rhodes

Register of Deeds for Macon County

North Carolina
Macon County

Agreement this agreement made this 4th day of December 1950 by and between Roy Mason Party of the first part, and Fred Wilson Party of the second part.

Witnesseth that for and in consideration of one dollar $1.00 and other valuable considerations as hereinafter contained on the part of the party of the second part to be performed, the party of the first part hereby leases unto the party of the second part for a term of five years 5 years, from the above date, the mineral rights, mining rights, the right of ingress and egress, water rights for mining purposes, to dam and convert the stream for the purpose of washing and seperating the corundum, Rubies, Sapphires, Oriental Sapphires, crystal quartzs and their non-precious gems, and all other gems that may be found, and all minerals that may be mined and found on the land as below described, the right to run tunnels, sink shafts, quarry, hydraulic mine with water, and any other method of mining, the right to erect buildings for mining purposes, on the land as described below.

Beginning on a black gum the south west corner of section 59 and running S 50 W twenty poles to a small locust, thence S 70 W 30 poles to the small black oaks on the east side of the Mountain, thence W 20 E 100 poles to a stake crossing the North fork of Burningtown creek at 56 poles, thenceS 70 E 80 poles to a stake in the line of section 59, thence S 50 W 60 poles to the beginning, containing 50 acres more or less, and being the same land described in a Deed from James Ledford, and wife to W. H. Fouts, dated 24 August 1928 Recorded in a Deed Book O-page # 518 Records Macon County North Carolina.

That the party of the second part shall pay to the party of the first part his heirs or assigns a royalty of 10 percent on the gross sales on corundum, Rubies, Sapphires, Oriental Sapphires, Quartz crystals and their non-precious gems, and all other minerals that may be found and sold.

That before the 15th of each month the royalty shall be paid by the party of the second part his heirs or assigns, on all minerals as above stated the minerals mined and sold the previous month, minerals include all gem stones as above stated, should any minerals mined the previous month not be sold, and any month when sold the royalty shall be due and payable as above stated, the original sales receipt shall be shown at the time the royalty is paid to the party of the first part his heirs or assigns, if paid by mail the original sales receipt or a duplicate to be sent at time royalty is paid, a complete record shall be kept of all corundum, Rubies, Sapphires, Oriental Sapphires, Crystal quartzs and their Non-Precious gems and all gems and minerals sold, such record shall be open for inspection by the part of the first part heirs or assigns.

That the above party of the second part shall have the right to sell this lease, take in any party or parties, or assigns, such party or parties shall comply with all terms of this lease. or should the party of the first part his heirs or assigns sell this land then such first parties shall comply with all terms of this lease.

That the party of the second part his heirs or assigns will not cease mining or prospecting on the above lands for 90 consecutive days in any 3 months period, or this lease shall be declared null and void, or any other terms of this lease be forfited or broken, then the party of the first part heirs or assigns can declare this lease null and void after giving the party of the second part 30 days to correct such default.

In witness whereof the parties hereof have set their hands and seals the day and year first above written.

Roy Mason Seal
Fred Wilson Seal

North Carolina
Macon County

I Elizabeth McCollum Deputy Clerk Superior Court ~~A Notary Public~~ for the aforesaid State and County, hereby certify that personally appeared before me Roy Mason, and Fred Wilson, and acknowledged their signatures for the the execution of this instrument for the purpose therein expressed,

Witness my hand and ~~Notarial~~ Seal this the 4th day of December 1950.

My commission expires _____

Elizabeth McCollum
~~Notary Public~~
Deputy Clerk Superior Court

Filed for registration on the 21 day of May 19 51, at 10:30 o'clock A.M., and registered and verified in the office of the Register of Deeds for Macon County in Book No. A-6, Page 127

This 23 day of May 19 51

Lola V. Shuler

Register of Deeds for Macon County

North Carolina
Macon County

Agreement this agreement made this 4th day of December I950 by and between Roy Mason Party of the first part, and Fred Wilson Party of the second part.

Witnesseth that for and incrunideration or of one dollar $I.00 and other valueable considerations as hereinafter contained on the part of the party of the second part to be performed, the party of the first part hereby leases unto the party of the second part for a term of five years 5 years, from the above date, the mineral rights, mining rights, the right of ingress and egress, water rights for mining purposes, to dam and convert the stream for the purpose of washing and seperating the corundum, Rubies, Sapphires, Oriental Sapphires, crystal quartzs and their non-precious gems, and all other gems that may be found, and all minerals that may be mined and found on the land as below described, the right to run tunnels, sink shafts, quarry, hydraulic mine with water, and any other method of mining, the right to errect buildings for mining purposes, on the land as described below.

Begining on a black gum the south west corner of section 59 and running S 20 W twenty poles to a small locust, thence S 70 W 80 poles to two small black oaks on the east side of the Mountain, thence W 80 N I0? poles to a stake crossing the North fork of Burningtown creek at 36 poles, thenceS 70 E 80 poles to a stake in the line of section 59, thence S 20 W 80 poles to the beginning, containing 50 acres more or less, and being the same land described in a Deed from James Ledford and wife to W. T. Fouts, dated 3I august I928 Recorded in a Deed Book C- page # 5I8 Records Macon County North Carolina.

That the party of the second part shall pay to the party of the first part his heirs or assigns a royalty of I0 percent on the gross sales on corundum, Rubies, Sapphires, Oriental Sapphires, Quartz crystals and their non-precious gems, and all other minerals that may be found and sold.

That before the I5th of each month the royalty shall be paid by the party of the second part his heirs or assigns, on all minerals as above & stated the minerals mined and sold the previous month, minerals include all gem stones as above stated, should any minerals mined the previous month not be sold, and any month when sold the royalty shall be due and payable as above stated, the orignal sales receipt shall be shown at the time the royalty is paid to the party of the first part his heirs or assigns, if paid by mail the orignal sales receipt or a duplicate to be sent at time royalty is paid, a complete record shall be kept of all corundum, Rubies, Sapphires, Oriental Sapphires, Crystal quartzs and their Non-Precious gems and all gems and minerals sold, such record shall be open for inspection by the part of the first part heirs or assigns.

That the above party of the 2nd. second part shall have the right to sell this lease, take in any party or parties, or assigns, such party or parties shall comply with all terms of this lease. or should the party of the first part his heirs or assigns sell this land then such party parties shall comply with all terms of this lease.

That the party of the second part his heirs or assigns shall not cease mining or prospecting on the above lands for 90 consective days in any 5 months period, or this lease shall be declared null and void, or any other terms of this lease be forfited or broken, then the party of the first part heirs or assignd can declare this lease null and void after giving the party of the second part 30 days to correct such default

In witness whereof the parties hereof have set their hands and seals the day and year first above written.

Roy Mason Seal
Fred Wilson Seal

North Carolina
Macon County

I Elizabeth McCollum A ~~Notary Public~~ Deputy Clerk Superior Court for the aforesaid State and County, hereby certify that personally appeared before me Roy Mason, and Fred Wilson, and acknowledged their signatures for the due execution of this instrument for the purpose therein expressed,

Witness my hand and ~~Notarial~~ Seal this the 4th day of December I950.

My commission expires _____

Elizabeth McCollum
~~Notary Public~~
Deputy Clerk Superior Court

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 2181

Date received 10-23-51

Participation

[illegible]
[illegible] Co.,
Arlington,
Virginia.

Name and address of applicant

Date October 20th 1951

FILL IN THIS BLOCK

Date of application October 20th 1951

Estimated cost Geophysics [illegible] ($[illegible])
Plus Fees $[illegible]

Mineral or metal Germanium, Mica,

Percentage of Government participation 50 %

Location of mine Iron County, Township 41 N., Range 1 W. of Range, on [illegible] Mountain [illegible], Tax Lots on [illegible] Co., U.S. dept [illegible] Co.,

Date of filing MF-100 October 20th 1951

DMA Docket Number, if available

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. OCT 23 10 20 AM '51

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? Individual

*2. If a partnership, state names and addresses of partners.

*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. [illegible] years [illegible] mining [illegible] Geologist, Colo, Geology,

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

7. If lessee, attach a copy of the lease and state if it is in good standing. yes

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. [illegible]

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)? [illegible]

*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.

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

    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.

*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.

*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.

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

15. State in detail how the ore could be shipped and how and where milled.

*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. 50 Years ago

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

    (*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:

	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?

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

    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.

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

    (*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.

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.

(Name of company)

By Fred Wilson
(Signature of authorized official)

Oct 22nd 1951
(Date)

(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

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 2181

Date received 10-23-51

MINERALS ADMINISTRATION WASHINGTON, D. C. 10 2 PM '51

Home address: Fred Wilson, 45 King St., Asheville, North Carolina,

Present address: 931 N. Stafford St., Arlington, Va.,

Name and address of applicant

Date October 15th 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity Certificate pursuant to the provisions of Sec. 124 A (Amortization Deduction) of Internal Revenue Code, 1950~~ (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

X
5

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced: Corundum, # I clear flat Ruby Mica,
   (a) What are the chief mine, mill, or smelter products?
   (b) What are the byproducts, if any? Vermiculite, Kyanite, Rutile, Rubies, Sapphires,
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (a) Linear feet of shafts. none found
   (b) Linear feet of drifts and crosscuts. vein material have filled such tunnells
   (c) Linear feet of tunnels or adits. lower entrance tunnell 70 ft., upper tunnell 50 ft
   (d) Linear feet of other mine openings (explain briefly). not known, cleaned out,

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. lower tunnell draining water,
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. 15 miles N. W., of Franklin, N.C.,
   (b) Mining district. Franklin-Sylva,
   (c) Township, Section, Range. Burningtown,
   (d) County, State. Macon County, North Carolina,
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. entrance tunnells cleaned out, Mica vein partly uncovered,
   (b) Are you operating this property as:
   - ☐ Owner.
   - ☒ Lessee.
   - ☐ Contractor.
5. Number of years in production 50 years since operated,
   If not in production or operation, estimated date when production will begin 30 days after loan is passed,
6. Experience of operators: 8 years Mica mining, sheeting, grading, geology, Mineralogy,
   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. Prospecting, testing, Gemology, gem cutting, and mining,
7. History: Roy Mason, Miner, tunnelling hard rock, general mining,
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. Raleigh Rooper Mining, mucking, mica & corundum mining, timbering
   (b) State briefly the known history and production of adjoining and neighboring properties. corundum mined, Rubies, sapphires, (Mica, g
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. corundum & Mica belt, sample of corundum Bureau of mines strategic value,

Mica mine on opposite side of Mt., worked during 1st World war,

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. 300 yards from hard surfaced road to mine each way corundum and mica mine 15 miles station

14. Water Supply: creek available flume 300 ft corundum mine tunnell entrances,

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof. short extension of main line

16. Labor: plenty of labor for mining, experinced men,

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation. to be built,

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain. need Gov., loan,

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.

(Name of company)

By Fred Wilson
(Signature of authorized official)

October 22nd 1951.
(Date)

(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

10 Large outcrop, with boundaries of land, and rope of mineb, Corundum Mine appx., 600 ft North from land surveyed road across Devon, and Sandingtown creek on S. E. side of Dunsmuir Mt., Mica Mine South of road, appx., 500 ft., on N. W. side of Mt.,

11 Ruby Corundum Mine, Ruby Mica Mine,

12 S.E. Dalton land surveyed road, 2 miles unpaved surface road 6 miles concrete appx 25 miles to railroad depo,

13 creek to be diverted 300 ft., to south of tunnels for screening and separating corundum and other minerals, appx., 20.000 cubic inches water.

14 none.

15 bags, boxes, or barrels, truck, or railroad cars, corundum varied coloured separated and graded as mine. Mica full coloured, graded as mine.

16 the Corundum mine known as the Ruby corundum mine lard work appx., 50 years ago, Mica mine worked during the Civil war, Ruby Mica Mine. corundum, and Mica Belt. sample of corundum sent to Bureau of Mines, pennsylvania valuo, sample of the corundum vein material to be sent to the Alcoa Mining Co., N.Y., and if it contains alumina it will be of interest to them. Mica clear & light Ruby colored mica suitable for condensers, or where such mica is required.

17 Corundum and Mica mine not in production, I have had the samples to the corundum mine cleared out, and the mica vein partly uncovered.

18 Corundum mine where the upper tunnel shows the vein is in 5 feet between hard walling, dip of vein N.80 degrees West, and S. 80 degrees West, dip 60 degrees N. W. into side of Mt., vein material part crushed can be mined with pick and shovel, the vein tunnels have filled up with vein material fall in from the vein above, the upper tunnel crosses the vein at 50 ft., from the entrance, the lower tunnel appx., 60 ft., below, strike the vein at 78 ft., and the vein is 7 ft., wide.

19 Tunnel timbering have completely decayed and the tunnels completely refilled with vein material, don't know the distance the tunnels had been run when worked last, the entrance tunnel to the vein is in solid formation and don't require timbering, this in the corundum mine. the Mica mine is loose and coarse pegmatite 5 foot vein.

20 Corundum, hydrous kyanite, vermiculite, sulfide, mica, amphibole, talc, mica on other Mt., & I clear, and & 2 slightly stained clay, no mineral inclusions.

21 Plans for conveying water a distance of 2000 feet through 6 x 12 inch boards 200 ft long, new tunnel driven in outcrop side, build chutes from tunnel entrance to tunnel entrance, build separating and grading tables, and different size sieves, build tool house and storage house for corundum and other minerals, get crane size and pulling for them out in each tunnel, timber up vein tunnel as vein material is removed and pre-washed out, stope and work out vein on strike each way, upper and lower tunnel, to get a shipment of corundum and the mine in production in 60 days, and to spend this money, but to work the mine out will take 5 years, the Mica Mine 60 days, clean out, uncover the Mica vein with surface, build tool house and for the storage of mica, get down machinery and equipment, and to get a shipment of Mica and put the mine on a production basis, and to spend this money.

22 Samples of the vein taken in the upper tunnel shows average of 5 lbs., crystalized corundum 6 sided prism to the cubic ft., of vein material corundum in the lower tunnel larger and appx., 6 lbs to the cubic yard 2 men in each tunnel should produce 30 yards of vein material and to average 4 lb., to the cub ft., 5. 100 lbs of corundum per day should be expected, the deposit on the lower tunnel level and to the upper tunnel and above, length of the strike should be 200 ft., height 50 ft average of vein 6 ft., an incline shaft from the entrance down on the vein greater than the depth of the lower tunnel, would prove the extent of the deposit, the Mica vein should produce from 500 to 1000 lbs of block mica per day, and being flat clear mica should produce 50 % sheet larger than 1½ x 2 inches, this mine is in the center of the Ruby Mica belt.

[illegible]

[illegible]

[illegible]

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
OCT 23 10 21 AM '51

Box N. Glencoe St.,
Arlington, Va.,
October 22nd 1951.

U. S. Department of the Interior;
Defense Minerals Administration,
Washington, D. C.,

Dear Sir;

I am herewith making application for exploration loan, to open up a corundum mine and start producing corundum for sale to the National stock pile, and for a exploration loan on a Mica mine some lands and property, Roy Mason, Franklin, N. C., R.F.D. # 3 owner, I have a 5 year lease.

I have had two tunnels to the corundum mine cleaned out, and the Mica vein exposed for samples clean # I find Ruby colored Mica, sample of each enclosed, the formation of Mica in this vein small flat books or blocks of mica clear of seeves, ribbon, No mineral inclusion, and will cleat clean to the edges.

I can work both mines at the same time, as I can get good miners to work they are very plentiful in this section of the country. I will put in my entire time at the mines.

Last year 1950 I spent the entire year prospecting and searching for minerals, I found Beryl on the Forest Service lands in the Whitesides Mt., country, Mica on the Blueridge Mt., in Jackson County, I Mica mined for 6 years during war and sold Mica to the Gov., I have been mining and prospecting appr., 4 of my life since 1931 in Macon County, Jackson County Transylvania County Haywood County Cleveland County North Carolina, Oconee, Pickens, Anderson, Greenville, Counties South Carolina, and Fannin County Ga., and have found and tested such minerals lead Galena, Zinc, Hematite, Pyrolyo, Talc, Asbestos, Quartz crystals, and other minerals, I am 54 years of age and nativeborn in Jackson County North Carolina, I have been living at the above address and will be there until the 20th of November, then I will go back to my home 48 Zing St Asheville, N.C., my address at the mines Franklin, N.C., General Delivery, my work in this part of the country have been adjusted work, at present I am working on a residence in N. W. Washington, D.C., if a inspection is required of these mines I can meet the Inspector in Franklin, or have Mr. Raleigh Hooper, R.F.D. # 3 Franklin, N.C., or Roy Mason, same address to meet him, I am ready to go to the mines and start work as soon as the loan is approved.

Yours Sincerely,

Fred Wilson

MF-302

LANDLORD'S SUBORDINATION AGREEMENT

NERALS
TRATION
NGTON, D. C.
23 10 21 AM '51

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Macon, State of North Carolina, described in a certain Exploration Project Contract dated October 15th, 1951, between

---,

the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated Dec 4th 1950

and, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 11 day of August, 1951.

Roy Mason

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

Filed for registration on the 21 day of May 1951, at 10:30 o'clock A.M., and registered and verified in the office of the Register of Deeds for Macon County in Book No. A-6, Page 127

This 23 day of May 1951

Lab J. Rhodes

Register of Deeds for Macon County

North Carolina
Macon County

Agreement this agreement made this 4th day of December 19.0 by and between Roy Mason Party of the first part, and Fred Wilson Party of the second part.

Witnesseth that for and in consideration of of one dollar $1.00 and other valuable considerations as hereinafter contained on the part of the party of the second part to be performed, the party of the first part hereby leases unto the party of the second part for a term of five years 5 years, from the above date, the mineral rights, mining rights, the right of ingress and egress, water rights for mining purposes, to dam and convert the stream for the purpose of washing and separating the corundum, Rubies, Sapphires, Oriental Sapphires, crystal quartz and their non-precious gems, and all other gems that may be found, and all minerals that may be mined and found on the land as below described, the right to run tunnels, sink shafts, quarry, hydraulic mine with water, and any other method of mining, the right to erect buildings for mining purposes, on the land as described below.

Beginning on a black gum the south west corner of section 59 and [illegible] S 80 W twenty poles to a small locust, thence S 70 [illegible] 60 poles to the small black oak on the east side of the Mountain, thence [illegible] poles to a stake crossing the North fork of Burningtown creek [illegible] poles, thence S 70 E 80 poles to a stake in the line of section [illegible], thence S 80 W 80 poles to the beginning, containing 50 acre [illegible] less, and being the same land described in a Deed from [illegible] and wife to [illegible] Potts, dated 11 August 1928 Recorded in [illegible] page # 518 Records Macon County North Carolina.

That the party of the second part shall pay to the party of the first part his heirs or assigns a royalty of 10 percent on the [illegible] corundum, Rubies, Sapphires, Oriental Sapphires, [illegible] non- precious gems, and all other minerals that [illegible].

That before the 15th of each month the royalty shall be [illegible] party of the second part his heirs or assigns, on all [illegible] stated the minerals mined and sold the previous month, [illegible] all gem stones as above stated, should any minerals [illegible] month not be sold, and any month when sold the royalty [illegible] payable as above stated, the original sales receipt [illegible] the time the royalty is paid to the party of the first [illegible] on demand, if paid by mail the original [illegible] to be sent at the royalty is paid, a complete record [illegible] all corundum, Rubies, Sapphires, Oriental Sapphires, [illegible] their non-precious gems and all other mineral [illegible] shall be open for inspection by the [illegible] of the [illegible] and as.

That the above party of the second part shall have the [illegible] this lease, take in any party or parties, or assign, [illegible] parties shall comply with all terms of this lease. [illegible] of the first part his heirs or assigns may sell this [illegible] parties shall comply with all terms of this lease.

That the party of the second part his heirs or assigns [illegible] mining or prospecting on the above lands for a consecutive [illegible] 3 months period, or this lease shall be [illegible] or any other terms of this lease be forfeited or broken [illegible] of the first part heirs or assigns can declare the lease [illegible] after giving the party of the second part 30 days to correct [illegible]

In witness whereof the parties hereof have set their hands and seals the day and year first above written.

Roy Mason (Seal)
Fred Wilson (Seal)

North Carolina
Macon County

Deputy Clerk Superior Court

I Elizabeth McCollum A Notary Public for the [illegible] County, hereby certify that personally [illegible] Fred Wilson, [illegible] acknowledged their [illegible] on this instrument for the purpose therein [illegible].

Witness my hand and notarial seal this [illegible] day of December 1930.

My commission expires _____

Elizabeth McCollum
Deputy Clerk Superior Court

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 2181

Date received 10-23-51

Participation

Name and address of applicant

Date October [illegible]

FILL IN THIS BLOCK

Date of application October [illegible]

Estimated cost [illegible]

Mineral or metal [illegible]

Percentage of Government participation [illegible]

Location of mine [illegible]

Date of filing MF-100 October [illegible]

DMA Docket Number, if available

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. OCT 23 10 21 AM '51

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? Individual

*2. If a partnership, state names and addresses of partners.

*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. [illegible]

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

7. If lessee, attach a copy of the lease and state if it is in good standing. yes

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. None not [illegible]

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)? [illegible]

*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. same area
(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. lease 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. Raby Corundum Mine, Raby Mica 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. I5 miles R.R. Station, hard surfaced roads,

*13. State source and quantity of water available for operations and its sufficiency at all seasons. creek
State amount of power to be used, rate per hour or other cost, and source. short extension required use gas,

*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. bags, boxes, barrells, at mine

*16. History: Corundum appx., 50 years Mica War # I mining was done
(*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. corundum mining ceased 50 years ago
(*b*) State briefly the known history and production of adjoining and neighboring properties. Corundum, Mica Belt
(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. corundum sample to Bureau of Mines, Strategic

*17. Production:
(*a*) If mine is in production, furnish the following information:

	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. attached sheet
(*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. attached sheet,

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 90 days

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. attached sheet

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. attached sheet
(*b*) Supervisors, by numbers and positions, with salaries of each. " "
(*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. " "
(*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. water power gasoline,

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. " "

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.

(Name of company)

By Fred Wilson
(Signature of authorized official)

Oct 22nd 1951
(Date)

(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

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 2181

Date received 10-23-51

Home address
Fred Wilson,
45 King St.,
Asheville,
North Carolina,

Present address
931 N. Stafford St.,
Arlington, Va.,

Name and address of applicant

Date October 15th 1951

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   (b) What are the byproducts, if any? Vermiculite, Kyanite, Rutile, Rubies, Sapphires,
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   (a) Linear feet of shafts. none found
   (b) Linear feet of drifts and crosscuts. vein material have filled such tunnells
   (c) Linear feet of tunnels or adits. lower entrance tunnell 70 ft., upper tunnell 50 ft.
   (d) Linear feet of other mine openings (explain briefly). not known cleaned out
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. lower tunnell draining water,
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. I5 miles N. W. of Franklin, N. C.,
   (b) Mining district. Franklin-Sylva,
   (c) Township, Section, Range. Burningtown,
   (d) County, State. Macon County, N.C.,
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. entrance tunnells cleaned out, Mica vein partly uncovered,
   (b) Are you operating this property as:
   - ☐ Owner.
   - ☒ Lessee.
   - ☐ Contractor.
5. Number of years in production 50 years since operated
   If not in production or operation, estimated date when production will begin 30 days after loan is passed
6. Experience of operators: 8 years Mica mining, sheeting, grading, Geology, Mineralogy Prospecting, testing, Gemology, gem cutting and mining,
   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. Roy Mason miner tunnelling hard rock, general mining, Raleigh Rooper Mining, mucking, Mica & corundum mining, timbering,
7. History:
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. corundum mined, Rubies, sapphires, Mica
   (b) State briefly the known history and production of adjoining and neighboring properties. Corundum & Mica belt,
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. sample corundum Bureau of mines strategic value

Mica mine on opposite side of Mt., worked during first world war,

DEFENSE MINERALS ADMINISTRATION WASHINGTON D.C.
OCT 23 AM

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. 300 yards hard surfaced road to mine each way corundum and mica mine, 15 miles

14. Water Supply: creek available flume 300 ft corundum mine tunnell station, entrances,

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof. short extension of main line,

16. Labor: plenty of labor for mining, experinced men,

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation. to be built,

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain. need Gov., loan,

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.

(Name of company)

By Fred Wilson
(Signature of authorized official)

October 22nd 1951
(Date)

(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

10 Lease attached, with boundaries of land, and maps of mines, Corundum Mine appx., 600 ft North from hard surfaced road across bottom, and Dunningtown creek on S. E. side of Nantahala Mt., Mica Mine South of road, appx., 500 ft., on N. W. side of Mt.,

11 Ruby Corundum Mine, Ruby Mica Mine,

12 S.E. Miles hard surfaced road, 2 miles asphalt surface road 4 miles concrete appx 15 miles to railroad depo,

13 creek to be flumed 300 ft., to mouth of tunnels for screening and separating corundum and other minerals, appx., 10.000 cubic inches water.

14 none.

15 bags, boxes, or barrells, truck, or railroad cars, corundum washed screened separated and graded at mine. Mica full trimmed, graded at mine.

16 the Corundum mine known as the Ruby corundum mine last work appx., 50 years ago, Mica mine worked during the first war, Ruby Mica Mine. corundum, and Mica Belt. sample of corundum sent to Bureau Of Mines, strategic value, sample of the remaining vein material to be sent to the Alcoa Mining Co., N.Y., and if it contain alumnium it will be of interest to them. Mica clear & I flat Ruby colored mica suitable for condensers, or where such mica is required.

17 Corundum and Mica mine not in production, I have had the tunnels to the corundum mine cleaned out, and the mica vein partly uncovered.

18 Corundum mine where the upper tunnel strike the vein it is 5 feet between hard walling, strike of vein N.33½ degrees East, and S. 33½ degrees West, dip 30 degrees N. W. into side of Mt., vein material soft crumbly material can be mined with pick and shovel, the vein tunnells have filled up with vein material fell in from the vein above, this upper tunnell strikes the vein at 50 ft., from the entrance, the lower tunnell appx., 40 ft., below, strike the vein at 75 ft., and the vein is 7 ft., wide.

19 tunnell timbering have completed decayed and the tunnells completely refilled with vein materials, dont know the distance the tunnells had been run when worked last, the entrance tunnell to the vein is in solid formation and dont require timbering, this in the corundum mine. the Mica mine in kaolin and coarse pegmatite 8 foot vein.

20 Corundum, byproduct kyanite, vermiculite, rutile, rubies, sapphires, Mica, mine on other Mt., & I clear, and & 3 slightly stained clay, no mineral inclusions.

21 Ditch for conveying water a ft., 8 ft., through 6 12 inch boards 300 ft long. set thermal screen in water flow, build chutes from tunnell entrances to thermal screens, build separating and grading tables, and different size sieves, build tool house and storage house for corundum and other minerals, set cross ties and railing for tram car in each tunnell, timber up vein tunnell as vein material is removed and ores washed out, stope and work out vein on strike each way, upper and lower tunnell, to get a shipment of corundum and the mine in production in 60 days; and to spend this money, but to work the mine out will take 5 years, the Mica Mine 60 days, clean out, uncover the Mica vein strip surface, build tool house cand for the storage of mica, set down machinery and equipment, and to get a shipment of Mica and put the mine on a production basis, and to spend this money.

22 Samples of the vein taken in the upper tunnell shows average of 5 lbs., crystalized corundum 6 sided prisms to the cubic ft., of vein material corundum in the lower tunnell larger and appx., 6 lbs to the cubic yard 8 men in each tunnell should produce 30 yards of vein material and to average 4 lb., to the cub ft., S. 100 lbs of corundum per day should be expected, the deposit on the lower tunnell level and to the upper tunnell and above, length of the strike should be 800 ft., height 50 ft average of vein 6 ft., an incline shaft from the outcrop down on the vein greater than the depth of the lower tunnell, would prove the extent of the deposit, the Mica vein should produce from 800 to 1000 lbs of block mica per day, and being flat clear mica should produce 30 % sheet larger than 1½ X2 inches, this mine is in the center of the Ruby Mica belt.

23 I minor timber man and forman @ $I.00 an hr.,$40.00 wk., 8 wks $320.00
2 muckers .75 an hr 30.00 " 8 wks 480.00
I man to run the washing plant $I.00 an hr 40.00 " 8 wks 320.00
I helper " " " " .75 an hr 30.00 " 8 wks 240.00
Bulldozer 2 days moving dirt 8.00 an hr I28.00
cleaning , leveling side of hill for washing plant.
I trommel screen for washing and cleaning corundum, to be bought 600.00
I tram car I yard size 600 lineal ft railing to be bought 270.00
Lumber and labor for building flume, screens shutes tool and storage house, 400.00
Truck I day 28.00

For Corundum Mine $ 2.786.00

23 I Minor as forman @ $I.00 an hr.,$40.00 wk 8 wks., 320.00
I driller I.00 " " 40.00 " 8 " 320.00
2 Mica shooters .75 " " 30.00 " @ 8 " 480.00
2 muckers .75 " " 30.00 " @ 8 " 480.00
bulldozer moving dirt stripping surface of vein 2 days I28.00
Air compressor 60 days rent I50.00
gasoline oil $20.00 a week 8 " I60.00
Dynamite an exploders 30.00 " " 8 " 240.00
I Ingersoil Rand Air hammer water drill to be bought drilling use I" steel column post and slide, for inside 450.00
Truck I day for moving all capt., to mica mine. 28.00
500 lineal ft., tram car railing 75.00
Material I have on hands I will move to this mica mine
4 sets of drill steel 2 ft., 4 ft., 6 ft., 8 ft., $80.00
600 jack bits screw type 2½ inch diameter, 2½ " 2.I/8" 2" I.7/8"
I.3/4" I.5/8 I½" for above I" steel. 240.00
2 50 ft., 3/4 inch air hose and connections 50.00
2 50 ft., ½ inch water hose for wet air hammer 25.00
I Sullivan jack hammer dry drill for outside . 400.00
drilling use I" steel
I Ingersoil Rand jack hammer using 7/8inch steel and I set of steel and bits 200.00
I 3inch steam pump or air 975.00 rent 40.00
I 2" pump and gas motor 2 months
I hand pump Mica mine $ 2.871.00
2 heavy centrifugal pumps 2 3inch intakes 2 3inch outlets pump 500 G.P.M. each I50 ft., 3 inch hose use at either mine if needed, Corundum mine $ 2.786.00
I tram car to be used at Mica mine, total $ 5.657 00
I rubber tired wheelborrow,
Picks, shovels, hand hammers
this equiptment to be used at either mine no rent,

24 will start work in each mine as soon as approval, and expect to finish in 3 months one mine or both mines if both are approved, in corundum the first 30 days for building flume, screens, shutes, tool house and storage bldg., and bulldozer work, and balance in 2 more months, Corundum mine.

Mica Mine, clean out old works, work work done with bulldozer, vein surfaces of vein stripped, first 30 days I/3 of money spent and work done. balance 2 months.

WASHING.
OCT 23 10 21 AM

Fred Ehlers

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Macon, State of North Carolina, described in a certain Exploration Project Contract dated October 15th, 1951, between

_____,

the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated Dec 4th 1950

_____ and does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 11 day of August, 1951.

Roy Mason

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
OCT 23 10 21 AM '51

Filed for registration on the 21 day of May 19 51, at 10:30 o'clock A.M., and registered and verified in the office of the Register of Deeds for Macon County in Book No. A-6, Page 127

This 23 day of May 19 51

Lake J. Shade

Register of Deeds for Macon County

North Carolina
Macon County

This Agreement made this 4th day of December 1980 by and between Roy Wilson Party of the First part, and Fred Wilson Party of the second part.

Witnesseth: That for and in consideration of of one dollar $1.00 and other valuable considerations as hereinafter contained on the part of the party of the second part to be performed, the party of the first part hereby leases unto the party of the second part for a term of five years 5 years, from the above date, the mineral rights, mining rights, the right of ingress and egress, water rights for mining purposes, to dig and convert the stream for the purpose of washing and seperating the corundum, Rubies, Sapphires, Oriental Sapphires, crystal quartzs and their non-precious gems, and all other gems that may be found, and all minerals that may be mined and found on the land as below described, the right to run tunnels, sink shafts, quarry, hydraulic mine with water, and any other method of mining, the right to erect buildings for mining purposes, on the land as described below.

Beginning on a black gum the south west corner of section 59 and running S 80 W twenty poles to a small locust, thence S 70 W 30 poles to the small black oak on the east side of the Mountain, thence N 30 W 100 poles to a stake crossing the North Fork of Burningtown creek at 56 poles, thence S 70 E 30 poles to a stake in the line of section 59, thence S 30 W 30 poles to the beginning, containing 50 acres more or less, and being the same land described in a Deed from James Bedford, and wife to W. H. Potts, dated 11 August 1900 Recorded in a Deed Book O-page 518 Records Macon County North Carolina.

That the party of the second part shall pay to the party of the first part his heirs or assigns a royalty of 10 percent on the gross less on corundum, Rubies, Sapphires, Oriental Sapphires, quartz crystals and their non- precious gems, and all other minerals that may be found and sold.

That before the 15th of each month the royalty shall be paid by the party of the second part his heirs or assigns, on all minerals as above stated the minerals mined and sold the previous month, minerals include all gem stones as above stated, should any minerals mined the previous month not be sold, and any month when sold the royalty shall be due and payable as above stated, the original sales receipt shall be shown at the time the royalty is paid to the party of the first part his heirs or assigns, if paid by mail the original sales receipt or a duplicate to be sent at the royalty is paid, a complete record shall be kept of all corundum, Rubies, Sapphires, Oriental Sapphires, Crystal quartzs and their Non-Precious gems and all gems and minerals sold, such record shall be open for inspection by the part of the first part heirs or assigns.

That the above party of the 2nd part shall have the right to sell this lease, take in any party or parties, or assigns, such party or parties shall comply with all terms of this lease. or should the party of the first part his heirs or assigns sell this land then such third parties shall comply with all terms of this lease.

That the party of the second part his heirs or assigns shall not cease mining or prospecting on the above lands for 90 consecutive days in any 6 months period, or this lease shall be declared null and void, or any other terms of this lease be forfited or broken, then the party of the first part heirs or assigns can declare this lease null and void after giving the party of the second part 30 days to correct such default.

In witness whereof the parties hereof have set their hands and seals the day and year first above written.

Roy Wilson (Seal)
Fred Wilson (Seal)

North Carolina
Macon County

I Elizabeth McCollum Deputy Clerk Superior Court A Notary Public for the aforesaid State and County, hereby certify that personally appeared before me Roy Wilson, and Fred Wilson, and acknowledged their signatures for the the execution of this instrument for the purpose therein expressed,

Witness my hand and Notarial Seal this the 4th day of December 1980.

My commission expires _____

Elizabeth McCollum
Notary Public,
Deputy Clerk Superior Court

Form MF-103
(April 1951)

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 2181

Date received 10-23-51

Participation

Fred Wilson
931 N. Stafford St.,
Arlington,
Virginia,

Name and address of applicant

Date October 15th 1951

FILL IN THIS BLOCK

Date of application October 15th 1951

Estimated cost Corundum Mine $2.786.00
Mica Mine 2.871.60

Mineral or metal Corundum, Mica,

Percentage of Government participation 90 %

Location of mine Macon County, Franklin N. C., 15 miles N.W. of Franklin, on Burningtown creek, Burningtown Township, Corundum Mine, on S.E slope of the Nantahalla Mt., Mica mine on opposite Mt., N.W. slope Nantahalla Mt.,

Date of filing MF-100 October 15th 1951

DMA Docket Number, if available

DEFENSE MINERALS ADMINISTRATION WASHINGTON D.C. OCT 23 1951 AM

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? Individual

*2. If a partnership, state names and addresses of partners.

*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 8 years Mica mining shooting grading, Mineralogy, Gelogy, Gemology,

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

7. If lessee, attach a copy of the lease and state if it is in good standing. yes

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. Mines not operated

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 %

*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. same area

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. lease 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. Raby Corundum Mine, Raby Mica 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. 15 miles R.R. Station, hard surfaced roads,

*13. State source and quantity of water available for operations and its sufficiency at all seasons. creek use gas, State amount of power to be used, rate per hour or other cost, and source. short extention required

*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. bags, boxes, barrells, at mine

*16. History: Corundum some, 50 years, Mica War & I mining was done

(*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. corundum mining ceased

(*b*) State briefly the known history and production of adjoining and neighboring properties. Corundum, Mica, Bolt

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

*17. Production:

(*a*) If mine is in production, furnish the following information:

	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. attached sheet,

(*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. attached sheet,

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 90 days

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. 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. attached sheet

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

(*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. " "

(*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. water power, gasoline,

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. " "

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.

(Name of company)

By Fred Wilson
(Signature of authorized official)

Oct 22nd 1951
(Date)

(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

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 2181

Date received 10-23-51

Home Address: Fred Wilson,
45 King St.,
Asheville,
North Carolina,

Present address: 931 N. Stafford St.,
Arlington, Va.,

Name and address of applicant

Date October 15th 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced: Corundum, # I clear flat Ruby Mica
   (a) What are the chief mine, mill, or smelter products?
   (b) What are the byproducts, if any? Vermiculite, Kyanite, Rutile, Rubies, Sapphires,
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry(ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (a) Linear feet of shafts. None found
   (b) Linear feet of drifts and crosscuts. Vein material have filled such tunnells
   (c) Linear feet of tunnels or adits. Lower tunnell entrance 70 ft., upper tunnell 50 ft.,
   (d) Linear feet of other mine openings (explain briefly). Not known, cleaned out,
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. lower tunnell draining water,
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. 15 miles N. W. of Franklin, N.C.,
   (b) Mining district. Franklin-Sylva,
   (c) Township, Section, Range. Burningtown,
   (d) County, State. Macon County N. C.,
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. Entrance tunnells cleaned out, Mica vein partly uncovered,
   (b) Are you operating this property as:
   - ☐ Owner.
   - ☒ Lessee.
   - ☐ Contractor.
5. Number of years in production ~~50 years since~~ operated,
   If not in production or operation, estimated date when production will begin 30 days after loan is passed
6. Experience of operators: 8 years Mica mining, sheeting, grading, Gelogy, Mineralogy, Prospecting, testing, Gemology, Gem cutting and mining,
   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. Roy Mason miner tunnelling hard rock, general mining,
   Raleigh Rooper, Mining mucking, Mica & corundum mining, timbering
7. History:
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. Corundum mined, Rubies, Sapphires, Mica,
   (b) State briefly the known history and production of adjoining and neighboring properties. corundum mica belt
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. sample corundum Bureau of Mines strategic value
   Mica mine on opposite side of mt., worked during Ist world war,

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
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8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. 300 yards from hard surfaced road to mine each way corundum and mica mine, 15 miles station

14. Water Supply: creek available flume 300 ft., corundum mine tunnell entrances,

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof. short extension of main line,

16. Labor:

plenty of labor for mining, experinced men.

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation. to be built,

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

need Gov., loan.

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.

(Name of company)

By Fred Wilson
(Signature of authorized official)

Oct 22nd 1951
(Date)

(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

I0 Lease attached, with boundaries of land, and maps of mines, Corundum Mine appx., 600 ft North from hard surfaced road across bottom, and Burningtown creek on S. E. side of Nantalalla Mt., Mica Mine South of road, appx., 500 ft., on N. W. side of Mt.,

II Raby Corundum Mine, Raby Mica Mine,

I2 S.E. 9miles hard furfaced road, 2 miles asphalt surface road 4 miles concrete appx I5 miles to railroad depo,

I3 creek to be flumed 300 ft., to mouth of tunnells for screening and seperating corundum and other minerals, appx., I0.000 cubic Inches water.

I4 none.

I5 bags, boxes, or barrells, truck, or railroad cars, corundum washed screened seperated and graded at mine. Mica full trimmed, graded at mine.

I6 the Corundum mine known as the Raby coundum mine last work appx., 50 years ago, Mica mine worked during the first war, Raby Mica Mine. corundum, and Mica Belt. sample of corundum sent to Bureau Of Mines, strategic value, sample of the remaining vein material to be sent to the Alcoa Mining Co., N.Y., and if it contain alumnium it will be of interest to them. Mica clear # I flat Ruby colored mica suitable for condensers, or where such mica is required.

I7 Corundum and Mica mine not in production, I have had the tunnells to the corundum mine cleaned out, and the mica vein partly uncovered.

I8 Corundum mine where the upper tunnel strike the vein it is 5 feet between hard walling, strike of vein N.22½ degrees East, and S. 22½ degrees West, dip 80 degrees N. W. into side of Mt., vein material soft crumbly material can be mined with pick and shovel, the vein tunnells have filled up with vein material fell in from the vein above, this upper tunnell strikes the vein at 50 ft., from the entrance, the lower tunnell appx., 40 ft., below, strike the vein at 75 ft., and the vein is 7 ft., wide.

I9 tunnell timbering have completed decayed and the tunnells completely refilled with vein materials, dont know the distance the tunnells had been run when worked last, the entrance tunnell to the vein is in solid formation and dont require timbering, this in the corundum mine. the Mica mine in kaolin and coarse pegmatite 5 foot vein.

20 Corundum, byproduct kynite, verniculite, rutile, rubies, sapphires, Mica, mine on other mt., # I clear, and # 2 slightly stained clay, no mineral inclusions.

2I Flume for conveying water a sq., 2'X2' trough 5 pcs 12 inch boards 300 ft long. set trommel screen in water flow, build shutes from tunnell entrances to trommel screens, build seperating and grading tables, and different size sieves, build tool house and storage house for corundum and other minerals, set cross ties and railing for tram car in each tunnell, timber up vein tunnell as vein material is removed and ores washed out, stope and work out vein on strike each way, upper and lower tunnell, to get a shipment of corundum and the mine in production in 60 days, and to spend this money, but to work the mine out will take 5 years, the Mica Mine 60 days, clean out, uncover the Mica vein strip surface, build tool house aand for the storage of mica, set down machinery and equiptment, and to get a shipment of Mica and put the mine on a production bassis, and to spend this money.

22 Samples of the vein taken in the upper tunnell showes average of 3 lbs., crystalized corundum 6 sided prisms, to the cubic ft., of vein material corundum in the lower tunnell larger and appx., 6 lbs to the cubic yard 2 men in each tunnell should produce 20 yards of vein material and to average 4 lb., to the cub ft., 2. I60 lbs of corundum per day should be expected, the deposit on the lower tunnell level and to the upper tunnell and above, length of the strike should be 200 ft., height 50 ft average of vein 6 ft., an incline shaft from the outcrop down on the vein greater than the depth of the lower tunnell, would prove the extent of the deposit, the Mica vein should produce from 200 to I000 lbs of block mica per day, and being flat clear mica should produce 20 % sheet larger than I½ X2 inches, this mine is in the center of the Ruby Mica belt.

33 I mixer timber man and foreman @ $1.00 an hr.,$40.00 mt., 8 wks $880.0
8 muckers .75 an hr 30.00 " 8 wks 480.0
I man to run the washing plant $1.00 an hr 40.00 " 8 wks 320.0
I helper " " " " .75 an hr 30.00 " 8 wks 240.0
Bulldozer 8 days moving dirt 8.00 an hr 100.0
clearing, leveling side of hill for washing plant.
I trommel screen for washing and cleaning corundum, to be bought 600.0
I tram car I yard size 600 lineal ft railing to be bought 870.0
Lumber and labor for building flume, screens chutes tool and storage house, 400.0
Grub I day 20.0
For Corundum Mine $ 5.786.0

35 I mixer or forms @ $1.00 an hr.,$40.00 mt 8 wks., 320.0
I driller .75 " " 40.00 " 8 " 320.0
8 Mine shovelers .75 " " 30.00 " 8 " 480.0
8 muckers .75 " " 30.00 " 8 " 480.0
Bulldozer moving dirt stripping surface of vein 8 days 100.0
air compressor 30 days rent 100.0
gasoline oil $20.00 a week 8 " 100.0
Dynamite or explosives 50.00 " " 8 " 200.0
I Ingersoll Rand air hammer water drill to be bought drilling 1" steel holes post and slide, for inside 480.0
1 Grub 1 day for moving all equ., to mica mine. 20.0
300 lineal ft., tram car railing 75.0
Estimated 2 hours on hands I will move to this mica mine
4 sets of drill steel 8 ft., 4 ft., 3 ft., 2 ft., 120.00
600 feet hose rubber type 3/4 inch diameter, 2 " 1.1/2" 3" 1.7/8"
1.3/4" 1.5/8 1" for above 1" steel. 240.00
8 50 ft.; 5/8 inch air hose and connections 50.00
8 50 ft., 3 inch water hose for wet air hammer 25.00
1 Sullivan jack hammer dry drill for outside . 400.00
drilling use 1" steel
1 Ingersoll Rand jack hammer using 7/8inch steel 800.00
and 1 set of steel and bits
1 Quick start pump or air 975.00 rent 40.00
1 3" pump and gas motor 8 months
1 hand pump Mica mine $ 3.071.00
2 heavy centrifugal pumps 2.5inch intakes 2 3inch Corundum
outlets pump 500 G.P.M. each 106 ft., 5 inch hose mine $ 2.786.00
use on either mine if needed, total $ 5.857.00
1 tram car to be used at Mica mine,
1 rubber tired wheelbarrow,
picks, shovels, hand barrows
Only equipment to be used at either mine no rent,

34 will start work in each mine as soon as approval, and expect to finish in 3 months one mine or both mines if both are approved, in corundum the start 30 days for building flume, screens, chutes, tool house and storage bldg., and bulldozer work, and balance in 2 more months, Corundum mine.

Mica mine, clean out old works, work most done with bulldozer, vein surface of vein stripped, first 30 days 1/3 of money spent and work done balance 2 months.