DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2206

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:	Production Expansion Div. Code 400	Date	11/14/51
To:	Norton	Date	1-8-52
To:	Deitrich	Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

C O P Y

NATIONAL MINERS' ASSOCIATION
Highlands Road at Main Street
Franklin, North Carolina

March 18, 1952

DMEA 2152,2206,2250,2251

Mr. Lawrence G. Houk, Chief
Non-Metallic Minerals Division
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Mr. Houk:

Thank you very much for your letter of the 11th, in answer to certain statements by me regarding exploratory applications

In your letter and during your recent visit to Franklin, you carefully pointed out many conditions and reasons which have provided greater light on the subject. As time goes on, I am sure the aid you have given us - particularly through personal discussions, will prove extremely helpful.

In the past few days I have been reading of the mica program and that it is now effective. This will permit the miners to produce and will also encourage additional exploratory applications. We will hereafter make every effort to furnish sufficient information, at the time of initial filing, to permit proper examination on your part.

Thanking you for your cooperation, I am

Sincerely yours,

FRANK SIERSMA (Signed)

C O P Y

FILE COPY
SURNAME:

SAFeitler
Mitt

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

C
O
P
Y

MAR 14 1952

Mr. Robert A. Laurence
Executive Officer, DMEA
Region VII
Room 13, Post Office Building
Knoxville 1, Tennessee

Subject: Dockets Nos. DMEA-2152, 2206, 2250, 2251 - Mica
Dexter Hall, and Felix & Dexter Hall
North Carolina

Dear Mr. Laurence:

For your information there are enclosed a copy of Mr. Frank Siersma's letter of February 16, 1952 and one copy each of the four applications mentioned therein. Inasmuch as we are making no formal request for field examinations, only the applications are enclosed. The additional correspondence in these dockets adds little pertiment information.

You have been returning your copy of the docket material with your field reports. These should be retained for your files.

Sincerely yours,

Signed

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

Enclosures 5

SAFeitler:gad 3/13/52
Copy to : Admin. Reading File
Docket File
Mr. Norton, G.232, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

C
O
P
Y

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

600

COPY

3-11-52

Mr. Frank Siersma
National Miners' Association
Highlands Road at Main Street
Franklin, North Carolina

Dockets -DMEA-2152, 2206, 2250, 2251
Drexel Hall

Dear Mr. Siersma:

Receipt is acknowledged of your letter of February 16, requesting a review of the denied cases of Dexter Hall of Greens Creek, North Carolina.

We appreciate your interest in the promotion of cooperation between the mine owners of Franklin Sylva District and the Defense Minerals Exploration Administration. You, no doubt, understand that we cannot send field men to examine every pegmatite that is suggested for an exploration project. The applicant must provide enough information to show that his project is not just a simple pegmatite, and not just within a mica bearing pegmatite lead but must give enough facts to justify a field examination.

Your statement that the applicant must employ the services of an engineer or geologist, in order to furnish all the requested information, is not entirely true. Each question asked is pertinent and the answer should be as detailed as possible. Many questions have been left unanswered. Other pertinent questions have been answered with very terse statements.

This office can think of no more satisfactory arrangement that can be evolved for handling applications other than the system under which we are now operating. Each application is reviewed by numerous technical people with different objectives in mind. Your statement that due to economic conditions in the past, few operations have been conducted on a business-like basis, is entirely true, but is it not also true that the size of the mica shoots has prevented any large scale business-like operation? The request for more information does not indicate a tightening of requirements but rather an attempt to develop the required information most economically, since field team examinations are expensive.

You are correct in your assumption that it is the Government's intention to stimulate production of strategic mica. We are providing 90% of the cost of approved exploration projects.

We have been reopening numerous cases after denial, simply when additional information which should have been in the original application has been provided, and have been very lenient in recommending field team examinations where it has been felt that the prospect justified it. It is my thought that cases should be reopened after denial only when work is done by the applicant and he has provided new information which heretofore has been lacking.

We appreciate your sending us all this information, and regret that we cannot send a field team to make examinations nor reopen the cases at the present time; however, it is possible that should the field team be in the vicinity, and have the time, they may make a preliminary examination of some of the cases that have been denied without field team examination.

Sincerely yours,

Lgd 3/11

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

IGHouk:gad:mp 3/6/52

copy to: Admin. Reading File
Mr. Norton, O-232, GSA Bldg.
Mr. Dietrich, 3526
Field Team, Region VII
Mr. Houk
Reports & Records

COPY

NATIONAL MINERS' ASSOCIATION
Highlands Rd. at Main St.
Franklin, N. C.

February 16, 1952

Mr. Lawrence C. Houk
Acting Chief, N-M Min. Div.
Def. Minerals Exp. Administration
Washington 25, D. C.

Dear Mr. Houk:

Mr. Dexter Hall of Greens Creek, N. C. , has received four letters from you regarding properties on which he has made application for exploratory loans. He has asked that I review his pencilled-in answers and make reply for him.

Many of our members have received similar letters and I have attempted to substantiate facts contained in their applications through a more intelligent manner than presented to me. However, in this case I believe it best that I submit Mr. Hall's exact statements.

DMEA-2250 - Dexter Hall

Mr. Sizemore this man is not satisfied with the information we sent him. I have worked some more at this mica prospect. Mr. C. Cagle at Sylva got mica that cut 4x6 and a good N. C. grade. I got some 3x4 out of the same vein tho I have not had time to do much work. The vein is about 2 feet wide where I worked and got this mica and runs clear across the 3½ acres that my lease covers and crosses the river and mica has been got over there and there is mica and flint there and I know I have some good mines but I cannot understand all about this. If I had mica dug out and piled up I would not want any loan. Mr. Cagle sold $700.00 worth out of this mine. My lease is on the same vein 300 feet from the hole that he got his mica. I have some of the mica I got out of this vein. This is all I am going to say. If the Government will set the prices up on mica I can get the mica.

DMEA-2152 FELIX HALL MINE

I got mica out of this mine that would make 2x2, sound as could be; the vein was 2 feet wide and flint.

DMEA-2251 ERB HALL MINE

I have had sickness in the family; have not had time to do what I wanted to do. This is a good prospect; mica in sight. You can tell these men anything you want to.

DMEA-2206 DILLARD MINE

This Dillard mine is one of the best I have. I am very bad disgusted about the Government turning down these loans. I would like to know where they are getting mica.

Because of announced assistance offered, more than a year ago, we began a long period of active cooperation between the mine owner and the Defense Minerals Administration. Among other matters, it included the preparation of forms, reports etc. About the middle of last year DMA started exploratory projects and during the early stages it was only necessary to submit applications which, in the main, covered properties within the mica lead, adjacent to past producing mines and with some showing of mica. Such information could readily be furnished by all miners, and seemed to suffice and warrant a Field Team exmination. As time went on, more and more details have been added; such as length and width of pegmatites, drawings of past workings and intended exploration, records of sales, etc., etc. This has gradually reached a point where an applicant must employ the services of an engineer and geologist in order that he furnish all requested information.

I moved into Franklin about August 1950 because of mining investments I had had here, and because I had learned of a "pending" mica program. With the exception of one, every application I made for either an exploratory or operating loan has been denied. Naturally this, and the delay in announcement of a program, has seriously affected my financial position; even though I take it in stride. However, I have come to know these people and their problems and will stay with them. It would seem to me that if DMEA understood this local condition there could be a more satisfactory arrangement evolved for handling applications.

There is a large concentration of ruby mica in the Franklin Mining District and a large portion of it is of strategic type. The knowledge of local pegmatites which I have acquired convinces me of the fact that actual exploration is only in its infancy. Although a main lead passes through the district, large number of "Feeder" veins emanate from it.

ing

o line

COPY

This extends the possibility of finding commercial ore bodies in locations and areas not previously operated, but such findings can never be uncovered without a certain amount of exploration. I am satisfied that probably the greatest concentration of mica exists in this district - as compared to any other district in the country.

Due to economic conditions in the past, few operations have been conducted on a businesslike basis. The mines are mostly owned by individuals who, through the years, have been forced to farm their lands in order to be assured of a basic livelihood. All are good, solid American citizens of high integrity and honesty, but like most mountain people, have enjoyed few of the luxuries of life; and not many have been able to take advantage of available educational opportunities. Their condition has caused them to become extremely cautious; not easily understandable until one lives with them and secures their confidence. As has happened before, they originally believed that DMA was setup to really work with them in every practical manner. But as requirements become more strict, they react in a manner not easily understood by those who do not fully appreciate the conditions.

I am satisfied that the Government's intention is to release all possible strategic mica and the requirements being exacted of miners is considered necessary. But is there no way you can provide some little added encouragement to regain the confidence of these people? Bear in mind - they have the mineral and want to produce it. Alone, they cannot.

Returning to the case of Dexter Hall - I have worked with him for nearly six months. He has filed six or seven applications for assistance and I know he needs assistance to prove the value of his mines. Despite the information he has supplied, he has received no encouragement at all, yet each of his properties deserve consideration. He is only one - of all - who has become exceedingly discouraged.

I can appreciate that you cannot have the Field Team examine EVERY application submitted unless you have a certain amount of suitable data. On the other hand, these applicants are in no position to furnish information which would cost them money to secure; particularly when they are not assured their applications will then be acted upon.

Surely it would not prove costly for the Field Team to spend a day or two with Dexter Hall and cover each of his properties. I feel sure this procedure, in itself, would go a long ways toward reestablishing the confidence these miners once had. Incidently, it will also prove to be the means for locating additional sources for mica.

In my opinion about the minerals program is that we are all of us in the same position - in that we must do everyting possible to locate DOMESTIC sources. Nothing in this communication is offered in a critical manner. It is presented only as one person's opinion - for the good of all. I will appreciate receiving your comments.

Sincerely yours,

Frank Sieroma (sgd)

600
FILE COPY
SURNAME:

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

See attached per Lunsford Thayer Hedges Johnson

JAN 29 1952

Mr. Dexter Hall
Green Creek,
North Carolina

Re: DMEA-2206 (Mica)
Dillard Mine
Dexter Hall

Dear Mr. Hall:

Your application for exploration aid on the W. G. Dillard Mine in Jackson County, North Carolina, has been reviewed by the staff of the Defense Minerals Exploration Administration.

In your letter of December 18, 1952, you state that large blocks of high grade ruby mica were sold to the Asheville Mica Company. Our information indicates that the W. G. Dillard Mine has been explored with various pits and cuts and more than 250 feet of underground workings, and that its principal production has been scrap mica. The amount of strategic mica that has been sold from this property has been negligible, according to our records.

You have not demonstrated in your proposal, or by subsequent information, evidence showing the possibility of disclosing minable reserves of strategic mica in significant quantities, nor have you submitted sufficient evidence to justify sending a Field Team to examine this property. Under the circumstances, we are unable to approve your application.

We wish to thank you for making this application, and regret that we cannot approve the expenditure of United States Government funds for exploration assistance on this property.

Sincerely yours,

C. O. Mittendorf (for) 1-29-52

Acting Administrator
Defense Minerals Exploration
Administration

LGHouk/gad
1/25/52
cc to: Admr's. Reading File
Docket
Field Team, Region VII (2)
Messrs. J. J. Norton, GSA Bldg. Room G-228
W. R. Dietrick - Room 3526
Houck

FILE COPY
SURNAME:

Houk
Kupfer
Dillard

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

Mr. Dexter Hall
Greene Creek, North Carolina

Re: DMEA-2206 - Mica
Dillard Mine
Dexter Hall

Dear Mr. Hall:

Your application for exploration aid on the W. G. Dillard Mine in Jackson County, North Carolina, has been reviewed by the staff of the Defense Minerals Exploration Administration.

In your letter of December 18, 1952, you state that large blocks of high-grade ruby mica was sold to the Asheville Mica Company. Our information indicates that the W. G. Dillard Mine has been explored with various pits and cuts and more than 250 feet of underground workings, and that its principal production has been scrap mica. The amount of strategic mica that has been sold from this property has been negligible, according to our records.

You have not demonstrated in your proposal, or by subsequent information, evidence showing the possibility of disclosing minable reserves of strategic mica in significant quantities, nor does it show sufficient promise to justify sending a Field Team to examine it. Your application is herewith denied.

DMEA wishes to thank you for making this application, and regrets that we cannot approve the expenditure of United States Government funds for exploration assistance on this property.

Sincerely yours,

Acting Administrator
Defense Minerals Exploration
Administration

LGHouk:gad
1/21/52

Copy to: Region VII (2)
Mr. W. F. Dietrick, 3526
J. J. Norton, Rm. G-228 GSA Bldg.
Docket File
Admin. Reading File
Mr. Houk

UNITED STATES DEPARTMENT OF THE INTERIOR
Geological Survey

January 16, 1952

Memorandum

To: Non-metallic Minerals Div., Defense Minerals Exploration Administration

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

Subject: Dexter Hall's application (DMEA- 2206) for aid in exploring the W. G. Dillard Mine ~~prospect~~ for pegmatite minerals.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 17 1952

Location of prospect:

Recommendation (check one):
✓ 1. Deny the application.
2. Request applicant for more data.

Reasons for recommendation (check all applicable statements):
✓ 1. The application does not contain specific reasons to show why the applicant considers exploration worth-while. Insufficient evidence is presented to show that the prospect merits a field examination.
2. A rough sketch map of the property is needed showing size and location of deposits.
3. The location of the property is inadequately described.
4. The name of the prospect is inadequate identification. Several mines and prospects having this name are in this district, and the applicant does not show clearly which one this application covers.
✓ 5. This is apparently an old mine or prospect, but the applicant's description of the workings is incomplete.
6. Production figures given in the application are quite inadequate, and it seems probable that better data can be obtained.
7. The applicant gives no information on the quality and size of the mica.
8. A sample of the mica should be requested.
9. The applicant's property evidently has some (beryl, tantalite-columbite, cassiterite) but no evidence has been provided to show that there is any chance of finding a minable deposit. The applicant should be asked to submit sample(s) from his prospect containing at least (20 pounds of beryl, 5 pounds of tantalite-columbite, 5 pounds of cassiterite).
10. The applicant's proposed expenditures for supervision and overhead seem disproportionately large in relation to expenditures for actual exploration.
11. The suggested program of exploration is vague and incomplete.
12. We can find no information in our files on this property.
(13) This property has previously been examined, and the report in our files indicates that exploration is not worth-while unless the applicant can provide new evidence that a discovery may be made.
14. Other:

See attached

Copy to: Branch Reading file, 4212
DMEA
Norton, G-250, GS Bldg.

Donald H. Kupfer

The W. G. Dillard Mine is a scrap mica mine that has been worked at various times, and adequately explored by various pits and cuts, and more than 250 feet of underground workings. Scrap mica production during World War II may have been as much as 100 tons but our copies of Colonial Mica Corporation records show that only 11 3/4 pounds of salable strategic mica was produced from the two "Dillard" mines, one of which is probably the W. G. Dillard mine.

Donald H Kaysser

NATIONAL MINERS' ASSOCIATION

HIGHLANDS RD. AT MAIN ST.

FRANKLIN, NORTH CAROLINA

A CONFEDERATION OF AMERICAN MINERAL MINERS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 27 1951

ANDREW W. REID
CHAIRMAN
BOARD OF DIRECTORS

ROY H. FOUTS
SECRETARY

HARRY PATTON
TREASURER

FRANK SIERSMA
CHAIRMAN LOCAL
MINING COMMITTEE

JUDGE C. M. TRAMMELL
CONSULTANT
717 BARR BUILDING
WASHINGTON 6, D. C.

December 18, 1951

Mr. C. O. Mittendorf
Acting Adnibistrator
Defense Minerals Exp. Adm.
Washington 25, D. C.

Re: DMA docket 2206
Dexter Hall
Greens Creek, N.C.

Dear Mr. Mittendorf:

Mr. Hall has requested that we reply to your letter of the 7th and furnish the following information.

Prpoerty in question is the W, G. DILLARD MINE. No record of production is now available but the owner, Mr. W. G. Dillard, states it consisted of large blocks of hygrade strategic ruby mica; all sold to Asheville Mica Company.

Old workings consisted of a cut near top of ridge, 40 feet deep, 100 feet long and about 20 feet wide. The mine was left in bad shape and since operations ceased, most of the cut has caved in. Actual size of pegmatite has not been determined but applicant estimates it to be from 15 to 30 feet wide and at least 100 feet long - at present exposure; with considerable depth. Because of this, and past production, commercial quantities are expected after proper exploration.

The overburden of this mine is just mountain dirt and estimated cost for removal should hold. Supervisory and labor costs may appear to be somewhat high, but are subject to adjustment as the work proceeds. Mr. Hall believes it will require four laborers, though actual supervision should not exceed half the estimated amount.

It appears quite evident that this property amply justifies the exploration aid requested and Mr. Hall is most desirous of collaborating with the Field Team regarding actual costs and procedures. We trust you can pass his application for further examination.

Sincerely yours,

Frank Siersma

Frank Siersma, Mining Comm.

FTS:em

FILE COPY
SURNAME:

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

Norton
Houk
Dietrich
Mittendorf

DEC 7 - 1951

Mr. Dexter Hall
Greens Creek, North Carolina

Re: DMA docket 2206 - Mica
Dillard Mine

Dear Mr. Hall:

Your application for exploration aid for mica in Jackson County, North Carolina, and docketed as DMA 2206, has been reviewed in this office.

The information you have submitted is insufficient to properly process your application, nor is it sufficiently encouraging to justify sending a field team to the property.

There are several Dillard Mines in Jackson County, North Carolina. You should more accurately identify this property. Is it the W. G. Dillard Mine?

Question 2 (b) of form MF-103 has not been answered. Kindly supply this office with a complete answer to each part of the question, giving such data as width of pegmatite length, number and size of openings, nature of overburden, and why you expect to find commercial strategic mica. What has been the past production of this mine and to whom was the mica sold?

Your supervisory cost of $1050.00 to oversee four (4) laborers at a cost of $1,200 seems excessive. Can you justify this expenditure?

You propose to move 18,000 cubic yards of overburden at a cost of less than 10¢ per yard. Can you give more details on this cost?

When you have supplied the above information, this office will be pleased to reexamine your proposal.

LHouk:lm
12/3/51

Sincerely yours,

C. O. Mittendorf (for) 12/7

Acting Administrator
Defense Minerals Exploration
Administration

cc: Admn. Reading File
Reports and Records
C. O. Mittendorf
W. F. Dietrich, USBM
J. J. Norton, USGS
Field Team Region VII
L. Houk
Docket

IN REPLY REFER TO:

G-MD-DHK

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

November 21, 1951

Memorandum

To: Lawrence Hauk, Defense Minerals Exploration Administration

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

Subject: Dexter Hall's application (DMA-2206) for aid in exploring the W. G. Dillard Mine for strategic mica.

Mr. Hall's application, DMA-2206, proposes to spend $4,330 to explore the W. G. Dillard Mine on the Black Rock Stock Farm, 2½ miles east-northeast of Sylva, Jackson County, North Carolina, for strategic mica. This is another in the series of applications referred to in Griffitts and my memo of November 6, 1951 to Robert Waskey, a copy of which is attached. This application has the same faults as the others, and should be held until the applicant submits more information.

1. Name and location. Because the applicant has included a crude sketch map of the location of the mine, this mine can be tentatively located. The applicant gives the name as the Dillard Mine, but several Dillard mines are listed in Jackson County. From the deed and map I believe this to be the W.G. Dillard Mine, but the data is too incomplete for me to be sure.

2. Past Production and History. The W. G. Dillard Mine apparently produced a few pounds of ruby mica that was sold to Colonial Mica Corporation during the last war, but no mention of this is made in Hall's ~~the~~ report and no description of the workings is given.

3. Reason for loan request. Question 2 (b) of MF-103 has, as usual, been ignored. This report does not contain sufficient data to justify sending the field team to the property.

4. Excessive supervisory expenses. The applicant wants 2 supervisors ($1,050) to supervise the work of 4 laborers ($1,200).

The information in the Survey files on the W. G. Dillard Mine is very incomplete, but until the applicant has supplied at least the minimum information demanded by application form MF-103, I cannot see any justification for further action by the Government.

Donald H. Kupfer

Donald H. Kupfer

Attachment

IN REPLY REFER TO:

G-MD-DHK

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

November 21, 1951

Memorandum

To: Lawrence Hauk, Defense Minerals Exploration Administration

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

Subject: Dexter Hall's application (DMA-2206) for aid in exploring the W. G. Dillard Mine for strategic mica.

Mr. Hall's application, DMA-2206, proposes to spend $4,330 to explore the W. G. Dillard Mine on the Black Rock Stock Farm, 2½ miles east-northeast of Sylva, Jackson County, North Carolina, for strategic mica. This is another in the series of applications referred to in Griffitts and my memo of November 6, 1951 to Robert Waskey, a copy of which is attached. This application has the same faults as the others, and should be held until the applicant submits more information.

1. Name and location. Because the applicant has included a crude sketch map of the location of the mine, this mine can be tentatively located. The applicant gives the name as the Dillard Mine, but several Dillard mines are listed in Jackson County. From the deed and map I believe this to be the W.G. Dillard Mine, but the data is too incomplete for me to be sure.

2. Past Production and History. The W. G. Dillard Mine apparently produced a few pounds of ruby mica that was sold to Colonial Mica Corporation during the last war, but no mention of this is made in the report and no description of the workings is given.

3. Reason for loan request. Question 2 (b) of MF-103 has, as usual, been ignored. This report does not contain sufficient data to justify sending the field team to the property.

4. Excessive supervisory expenses. The applicant wants 2 supervisors ($1,050) to supervise the work of 4 laborers ($1,200).

The information in the Survey files on the W. G. Dillard Mine is very incomplete, but until the applicant has supplied at least the minimum information demanded by application form MF-103, I cannot see any justification for further action by the Government.

Donald H. Kupfer

Attachment

IN REPLY REFER TO:

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

November 21, 1951

Memorandum

To: Lawrence [illegible], Defense Minerals Exploration Administration

From: Donald [illegible] Hafner, U. S. Geological Survey

Subject: Carter Hall's application (DMA-2206) for aid in exploring the B. G. Billard Mine for strategic mica.

Mr. Hall's application, DMA-2206, proposes to spend $4,330 to explore the B. G. Billard Mine on the Black Rock Stock Farm, 2½ miles east-northeast of Sylva, Jackson County, North Carolina, for strategic mica. This is another in the series of applications referred to in Griffitts and my memo of November 6, 1951 to Robert Maskey, a copy of which is attached. This application has the same faults as the others, and should be held until the applicant submits more information.

1. Exact location. Because the applicant has indicated a wide spread of the location of the mine, this mine can be tentatively located. The map sketch gives the same as the Bill and mine, but [illegible] Jackson County. From the sketch and map I believe this to be the B. G. Billard mine, but the data is too incomplete for me to be sure.

2. Past production and history. The B. G. Billard mine apparently produced a few pounds of ruby mica that was sold to Colonial Mica Corporation during the last war, but no mention of this is made in the report and no description of the workings is given.

3. Reason for loan request. Question 2 (b) of DF-103 has, as usual, been ignored. This report does not contain sufficient data to justify sending the field team to the property.

4. Excessive supervisory expenses. The applicant wants 2 supervisors ($1,050) to supervise the work of 4 laborers ($1,200).

The information in the survey files on the A. G. Billard mine is very incomplete, and until the applicant has supplied at least the minimum information demanded by application form SP-103, I cannot see any justification for further action by the Government.

Donald H. Kupfer

Attachment

DHKupfer:jeh
G-11/21/51

copy to: Director's Reading 4212
Branch Reading 4212
DMA files
Kupfer G-228, GSA Bldg.(2)

IN REPLY REFER TO:

G-MD-DHK

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

November 21, 1951

Memorandum

To: Lawrence Hauk, Defense Minerals Exploration Administration

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

Subject: Dexter Hall's application (DMA-2206) for aid in exploring the W. G. Dillard Mine for strategic mica.

Mr. Hall's application, DMA-2206, proposes to spend $4,330 to explore the W. G. Dillard Mine on the Black Rock Stock Farm, 2½ miles east-northeast of Sylva, Jackson County, North Carolina, for strategic mica. This is another in the series of applications referred to in Griffitts and my memo of November 6, 1951 to Robert Wasley, a copy of which is attached. This application has the same faults as the others, and should be held until the applicant submits more information.

1. Name and location. Because the applicant has included a crude sketch map of the location of the mine, this mine can be tentatively located. The applicant gives the name as the Dillard Mine, but several Dillard mines are listed in Jackson County. From the deed and map I believe this to be the W.G. Dillard Mine, but the data is too incomplete for me to be sure.

2. Past production and history. The W. G. Dillard Mine apparently produced a few pounds of ruby mica that was sold to Colonial Mica Corporation during the last war, but no mention of this is made in the report and no description of the workings is given.

3. Reason for loan request. Question 2 (b) of MF-103 has, as usual, been ignored. This report does not contain sufficient data to justify sending the field team to the property.

4. Excessive supervisory expenses. The applicant wants 2 supervisors ($1,050) to supervise the work of 4 laborers ($1,200).

The information in the Survey files on the A. M. Billard Mine is very incomplete, but until the applicant has supplied at least the minimum information demanded by application form NF-103, I cannot see any justification for further action by the Government.

[illegible] Supfer

Attachment

IN REPLY REFER TO:

G-4 D-LHK

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

November 21, 1951

Memorandum

To: Lawrence Hauk, Defense Minerals Exploration Administration

From: Donald M. Hunter, U. S. Geological Survey

Subject: Dexter Hall's application (DMA-2206) for aid in exploring the W. G. Dillard mine for strategic mica.

Mr. Hall's application, DMA-2206, proposes to spend $4,330 to explore the W. G. Dillard mine on the Black Rock Stock Farm, 2½ miles east-northeast of Sylva, Jackson County, North Carolina, for strategic mica. This is another in the series of applications referred to in Griffitts and my memo of November 6, 1951 to Robert Massey, a copy of which is attached. This application has the same faults as the others, and should be held until the applicant submits more information.

1. Name and location. Because the applicant has included a crude sketch map of the location of the mine, this mine can be tentatively located. The applicant gives the name as the Dillard mine, but several Dillard mines are listed in Jackson County. From the deed and map I believe this to be the W.G. Dillard mine, but the data is too incomplete for me to be sure.

2. Past production and history. The W. G. Dillard mine apparently produced a few pounds of ruby mica that was sold to Colonial Mica Corporation during the last war, but no mention of this is made in the report and no description of the workings is given.

3. Reason for loan request. Question 2 (b) of MF-103 has, as usual, been ignored. This report does not contain sufficient data to justify sending the field team to the property.

4. Excessive supervisory expenses. The applicant wants 2 supervisors ($1,050) to supervise the work of 4 laborers ($1,200).

The information in the Survey files on the W. G. Dillard line is very incomplete, but until the applicant has supplied at least the minimum information demanded by application form NF-103, I cannot see any justification for further action by the Government.

Donald H. Kupfer

Attachment

[illegible]

January 16, 1952

Memorandum

To: Non-metallic Minerals Div., [illegible]

From: Donald H. Kupfer [illegible] U. S. Geological Survey

Subject: Dexter Hall's [illegible] application
[illegible] 2206 [illegible] W. G. Dillard Mine
[illegible]

[illegible]

[illegible]
1. [illegible]
2. [illegible]

[illegible]
1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]
11. [illegible]
12. [illegible]
13. [illegible]
14. Other:

See attached

[illegible]

The W. G. Dillard Mine is a scrap mica mine that has been worked at various times, and adequately explored by various pits and cuts, and more than 250 feet of underground workings. Scrap mica production during World War II may have been as much as 100 tons but our copies of Colonial Mica Corporation records show that only 11 3/4 pounds of salable strategic mica was produced from the two "Dillard" mines, one of which is probably the W. G. Dillard mine.

IN REPLY REFER TO:

G-MD-WRG:DHK

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

November 6, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

From: W. R. Griffitts and D. H. Kupfer, U. S. Geological Survey

Subject: Defense Minerals Administration applications for exploration loans for the development of strategic mica in the Franklin-Sylva district, North Carolina.

The continued influx of applications for money to finance exploration for mica in Macon County, North Carolina, seems entirely out of proportion with the importance of the county as a mica producer. The number of applications, of course, results from the activities of the organization of mica promoters at Franklin. It is obvious from the manner of replying to the questions and from the paper and type used that most have been prepared in the same office.

Naturally a competent counsellor could help the miners a great deal in preparing the applications and could thereby aid the government in quickly and cheaply processing the applications. One might reasonably expect anyone who sets himself up as such a counsellor to try to obtain as complete information as possible before considering the application to be in final form. It is inevitable that such a person will receive less sympathy for his failings than an ignorant miner who is trying to get government assistance as best he can. When the "councillor" consistently fails to give proper consideration to certain important questions something should be done to emphasize the failing to him.

These applications give no evidence that the properties of the applicants are in any way different from any other property in the United States, except that they happen to occur in the Franklin-Sylva district of North Carolina.

There are three characteristic features of the Franklin applications that have been noted in all their recent applications.

1. Completely inadequate statements as to location and history. The recent history, including any recent names the "mine" may have had and any operators of the mine during World War II is especially important, as it is needed to check the Colonial Mica purchase record. That, or a concise statement of the location, is necessary in order to relate the deposit to the available geologic information.

2. Despite the printed instructions on the application that every question must be answered, item 22 (MF 103) on "the geological basis of the project" is consistently omitted. It is not asking too much to have a simple statement of the applicant's reasons for believing that the deposit is worth exploring, or, stated differently, why he believes that the possible reserves are large enough to justify exploration.

3. Checking the last five applications shows that the supervisory expenses estimated are exhorbitant. Three laborers are said to be needed in applications 2150, 2151, and 2196. They are said to require one "Engineer-supervisor" and one "Working foreman" to keep them going. This naturally can be corrected by the field team if a loan is recommended, but there is no need to continue this consistent padding by the Franklin group.

If some move is not made to stop the systematic failure of this group to include needed information the situation may deteriorate still further until the field team will be giving free consulting services to anyone who says he has mica and wants government money. It is suggested that applications 2150, 2151, 2152, 2153, 2196, 2197, and any similar applications received in the future be shelved until the applicants submit more information. Perhaps that will eventually induce the Franklin expert to include such information in the applications at the outset.

W. R. Griffitts

Griffitts:Kupfer:jeh
G-11/6/51
copy to: Director's Reading file 4212
Branch " 4212 D. H. Kupfer
DMA files
Kupfer G-230

Mr. Taylor Hall
Greens Creek, North Carolina

Re: DMA Docket 2206 - Mica
Dillard Mine

Dear Mr. Hall:

Your application for exploration aid for mica in Jackson County, North Carolina, and docketed as DMA 2206, has been reviewed in this office.

The information you have submitted is insufficient to properly process your application, nor is it sufficiently encouraging to justify sending a field team to the property.

There are several Dillard Mines in Jackson County, North Carolina. You should more accurately identify this property. Is it the W. G. Dillard Mine?

Question 2 (b) of form MF-103 has not been answered. Kindly supply this office with a complete answer to each part of the question, giving such data as width of pegmatite length, number and size of openings, nature of overburden, and why you expect to find commercial strategic mica. What has been the past production of this mine and to whom was the mica sold?

Your supervisory cost of $1050.00 to oversee four (4) laborers at a cost of $1,200 seems excessive. Can you justify this expenditure?

You propose to move 18,000 cubic yards of overburden at a cost of less than 10¢ per yard. Can you give more details on this cost?

When you have supplied the above information, this office will be pleased to reexamine your proposal.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

LRouk:lm
12/3/51

cc: Admn. Reading File
Reports and Records
C. O. Mittendorf
W. F. Dietrich, USBM
J. J. Norton, USGS
Field Team Region VII
L. Rouk
Docket

Mr. Dexter Hall
Greens Creek, North Carolina

Subject: DMA-2206
Re: Exploration Loan
Dillard Mine

My dear Mr. Hall:

This will acknowledge receipt of your application dated October 27, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2206 and referred to the Production Expansion Division.

Kindly refer to DMA-2206 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION WASHINGTON D.C. OCT 31 10 13 AM '51

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. dpma 2206
Metal or Mineral
Date Received 10-31-51
Amount $
Participation (Government %)

DILLARD MINE

Name and address of applicant

DEXTER HALL
GREENS CREEK
NORTH CAROLINA

Date 10/27/51

If you have already filed MF-100, give date filed attached, type of assistance requested exploration loan

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract. Landlord's Subordination Agreement attached

2. (*a*) What metals or minerals do you expect to find? STRATEGIC MICA

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. No existing facilities

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project? 10%

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? yes

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

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.

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

10/27/51
(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—64067-2

FORM MF-103 DEXTER HALL GREENS CREEK, N. C. DILLARD MINE 10/27/51

1. Legal description of property involved in exploration project is part of attached lease.

3. Proposed work will consist of dozing off overburden to eliminate an old shaft and part of old tunnel, which will expose a large section of the vein - considered to be extremely rich in strategic mica. This will result in a cut 200 feet long, 40 feet wide and 60 feet deep. The trench will then be cross-cut and test holes dug into vein.
Total cost of project is itemized herein. Project will be started upon signing of contract and will be completed in approximately 30 working days.

4. Sketch of property and location of proposed exploration work is attached.

6. Facilities required are included in itemized listing of costs.

7. List of operating equipment included in listing of costs.

8. Itemized schedule of labor etc., included in listing of costs.

11. This is considered to be a very big mine. Applicant has his own ideas about proceeding but, because of the great possibilities, is most desirous of discussing these ideas with the Field Team of Engineers and Geologists.

COST OF PROJECT:

RENTAL ITEMS

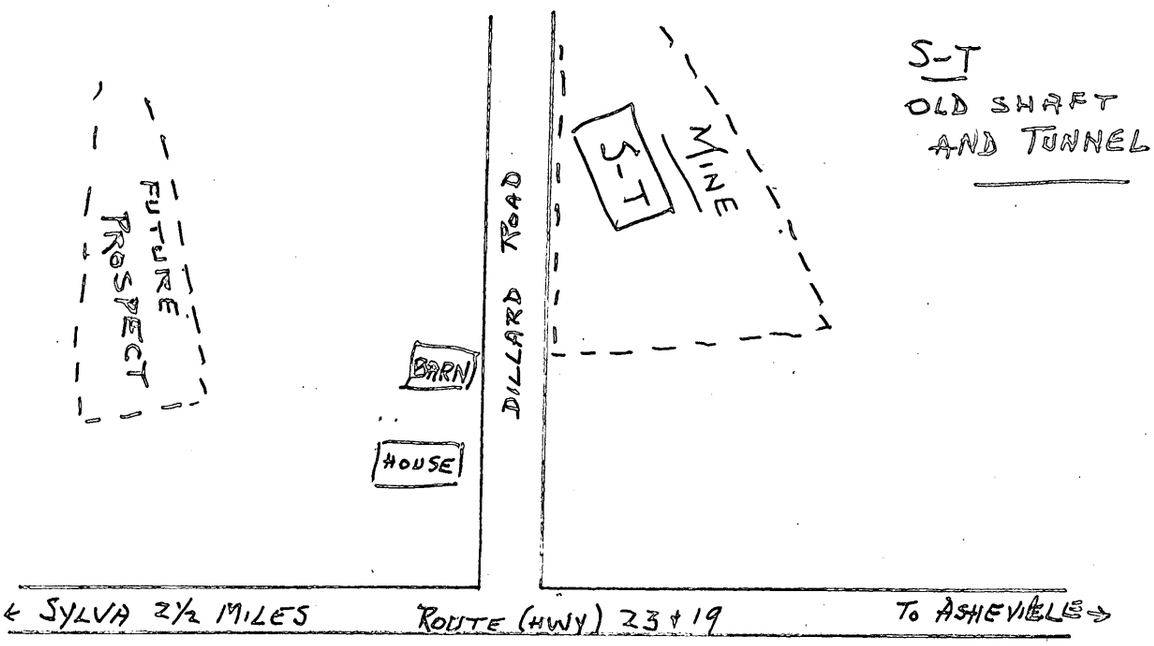
Bulldozer:- trenching, cross-cutting, test pits (4), etc. 150 hours @ $10.00 per hour	$1,500.00 ? 18,000 yds
Pickup Truck - 30 days @ $8.00 per day	240.00

LABOR SCHEDULE

1 Engineer-Superintendent - 30 days @ $20.00 per day	600.00 $1050 supervision
1 Working Foreman - 30 days @ $15.00 per day	450.00 1200 for work
4 Laborers - 30 days each @ $10.00 per day each	1,200.00

MATERIALS, ETC.

Miscellaneous hand tools	160.00
Misc. expenses, sampling, payroll taxes, office acctg., etc.	180.00
Total cost of project	4,330.00



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 [illegible], State of [illegible], described in a certain Exploration Project Contract dated _____, 195__, between [illegible], the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated Oct. 23, 1951, 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 23 day of Oct, 1951.

W. G. Dillard

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

NORTH CAROLINA
JACKSON COUNTY

THIS LEASE AGREEMENT, made and entered into this 23rd day of October, 1951, by and between W. G. DILLARD and wife GEORGIA DILLARD of Jackson County, North Carolina, parties of the first part, and DEXTER HALL of Jackson County, party of the second part,

W I T N E S S E T H

That subject to the terms and conditions hereinafter set forth the parties of the first part have let and leased unto the party of the second part, his heirs and assigns, the exclusive right and privilege to mine, dig and remove all minerals now in, under and upon a certain tract or parcel of land lying and being in Jackson County, State of North Carolina and described as follows:

BEING a part of the lands conveyed by deed from the State Capital Insurance Company to W. G. Dillard on June 23, 1941 and recorded with the Register of Deeds for Jackson County, North Carolina on page 419 in book 144, and being more particularly described as follows:- BEGINNING at a barn approximately 1000 feet north of State Highway 19 & 23, then running with the road on Dillard land approximately one half mile to a point directly between W. B. Dillard house and the corner marker (big locust tree) on top of Queen's Knob, then with outside boundary line of W. G. Dillard in a southerly direction to a point in gap of ridge to a point approximately 100 feet east of barn and then to the point of BEGINNING; also including the mineral rights and mining privileges on any other portion of W. G. Dillard's lands with his permission.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. Unless sooner terminated as herein provided, this lease shall exist and continue for a period of five (5) years from date hereof; however, it is mutually agreed that, upon compliance with its terms and conditions, same shall automatically be extended from year to year thereafter.

2. As rental or royalty, the party of the second part, his heirs and assigns shall pay to the parties of the first part a sum equal to ten percent (10%) of all sheet, pattern or block mica, One Dollar ($1.00) per ton for all scrap mica, fifty cents (50¢) per ton for all feldspar or Olivine and the usual royalty for all other minerals mined and sold from said lands.

3. That the royalties shall be paid on the 15th day of each calendar month following the sale and receipt of the sale price thereof; and the party of the second part, his heirs or assigns, shall keep an accurate record of all sales of minerals from this property which shall be open to inspection by the parties of the first part.

4. In the event the party of the second part should apply for a government loan to explore or operate this property, the parties of the first part agree to execute any agreements the government may require in connection with same.

5. Party of the second part, his heirs and assigns, agree they will conduct mining operations for a period of not less than eight (8(months each year.

So long as this lease remains in force the party of the second part, his heirs and assigns, in connection therewith shall have and enjoy the following rights and privileges:

(a) The right to use the surface of said lands to the full extent that such use is reasonable, convenient or necessary in mining and removing the minerals therefrom and to use any portions of said surface for the purpose of dumping refuse and tailings as may be reasonably necessary or convenient.

(b) The right to cutnstruct and place buildings and machinery upon said lands and to remove same.

(c) The right to cut and use upon said lands, for the purposes herein set forth, any standing timber thereon at the time of such use; and the right to use any water upon said property as may be necessary in the course of said operation.

(d) The right to use existing roads and to construct and maintain roads, in such locations as the party of the second part may deem advisable, and complete right of ingress, egress and regress to and from such portions of said property where mining operations are in progress or to be conducted.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals the day and year first above written.

s/ W. G. DILLARD (SEAL)
s/ MRS. W. G. DILLARD (SEAL)
s/ DEXTER HALL (SEAL)

NORTH CAROLINA
JACKSON COUNTY

I, G. L. GREEN, a Notary public in and for the aforementioned State and County, hereby certify that W. G. Dillard, Georgia Dillard and Dexter Hall personally appeared before me this day and acknowledged the due execution of the foregoing and annexed instrument for the purposes therein expressed.

WITNESS my hand and Notarial Seal this, the 23rd day of October, 1951.

(NOTARY SEAL)

s/ G. L. GREEN
Notary Public

My Commission Expires: 10/9/52

- - - -

Recorded in the office of Register of Deeds on October 24, 1951 in Book 189, Page 250.

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 22106

Date received 10-31-51

DILLARD MINE

DEXTER HALL
GREENS CREEK
NORTH CAROLINA

Name and address of applicant

Date 10/27/51

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:
   (*a*) What are the chief mine, mill, or smelter products? STRATEGIC MICA
   (*b*) What are the byproducts, if any?
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. Name - DILLARD MINE
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 2½ miles east of Sylva, N.C.
   (*b*) Mining district. Sylva
   (*c*) Township, Section, Range. Greens Creek
   (*d*) County, State. ~~Macon County, N.C.~~ Jackson Co?
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production _____
   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
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.
   (*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.

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: not in production. Operation will start when exploration is completed

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 dep[illegible] briefly. Accompany the application by any [illegible]lable 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.

14. Water Supply:

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.

16. Labor: none

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.

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

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.

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

10/27/51
(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
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D.C.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

OCT 31 10 15 AM '51

Not To Be Filled in by Applicant

Docket No. dma 2206
Metal or Mineral
Date Received 10-31-51
Amount $
Participation (Government %)

Name and address of applicant

BILLARD MINE

DEXTER HALL
GREENS CREEK
NORTH CAROLINA

Date 10/27/51

If you have already filed MF-100, give date filed attached, type of assistance requested exploration loan

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

   Landlord's Subordination Agreement attached

2. (*a*) What metals or minerals do you expect to find? STRATEGIC MICA

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. No existing facilities

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project? 10%

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? yes

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

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.

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

10/27/51
(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—64067-2

FORM MF-103 DEXTER HALL GREENS CREEK, N. C. DILLARD MINE 10/27/51

1. Legal description of property involved in exploration project is part of attached lease.

3. Proposed work will consist of dozing off overburden to eliminate an old shaft and part of old tunnel, which will expose a large section of the vein - considered to be extremely rich in strategic mica. This will result in a cut 200 feet long, 40 feet wide and 60 feet deep. The trench will then be cross-cut and test holes dug into vein.
Total cost of project is itemized herein. Project will be started upon signing of contract and will be completed in approximately 30 working days.

4. Sketch of property and location of proposed exploration work is attached.

6. Facilities required are included in itemized listing of costs.

7. List of operating equipment included in listing of costs.

8. Itemized schedule of labor etc., included in listing of costs.

11. This is considered to be a very big mine. Applicant has his own ideas about proceeding but, because of the great possibilities, is most desirous of discussing these ideas with the Field Team of Engineers and Geologists.

COST OF PROJECT:

RENTAL ITEMS

Bulldozer:- trenching, cross-cutting, test pits (4), etc. 150 hours @ $10.00 per hour	$1,500.00
Pickup Truck - 30 days @ $8.00 per day	240.00

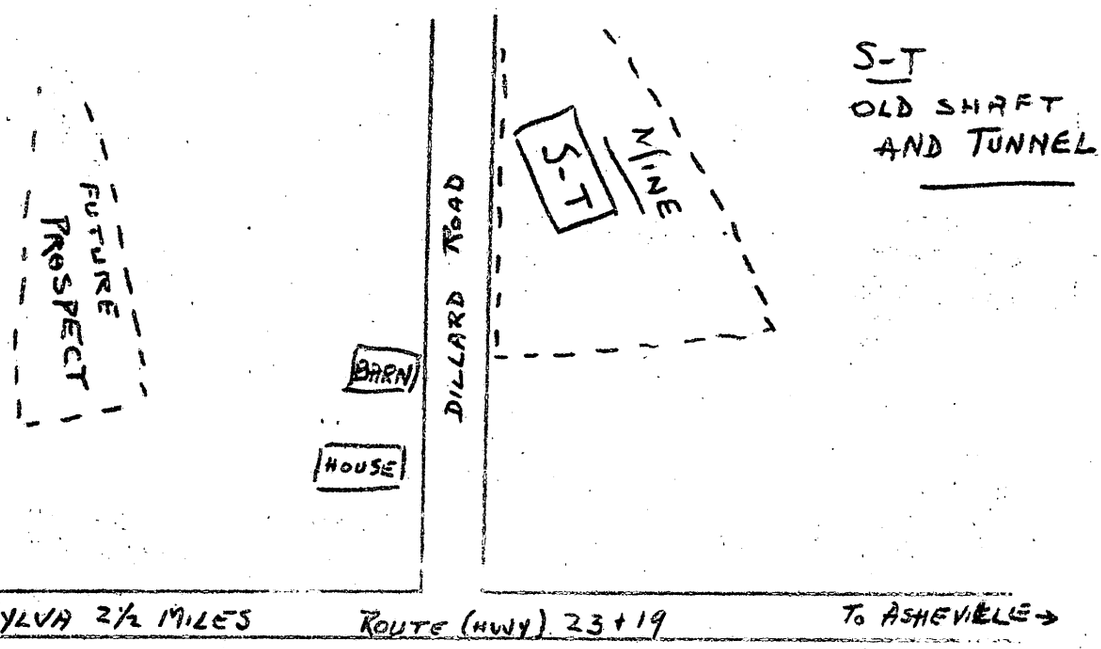
LABOR SCHEDULE

1 Engineer-Superintendent - 30 days @ $20.00 per day	600.00
1 Working Foreman - 30 days @ $15.00 per day	450.00
4 Laborers - 30 days each @ $10.00 per day each	1,200.00

MATERIALS, ETC.

Miscellaneous hand tools	160.00
Misc. expenses, sampling, payroll taxes, office acctg., etc.	180.00
Total cost of project	4,330.00

- - - - - - -



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 JACKSON, State of NORTH CAROLINA, described in a certain Exploration Project Contract dated _____, 195__, between DEXTER HALL,

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

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated Oct. 23, 1951, 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 23 day of Oct., 1951.

X W. B. Dillard

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

NORTH CAROLINA
JACKSON COUNTY

THIS LEASE AGREEMENT, made and entered into this 23rd day of October, 1951, by and between W. G. DILLARD and wife GEORGIA DILLARD of Jackson County, North Carolina, parties of the first part, and DEXTER HALL of Jackson County, party of the second part,

W I T N E S S E T H

That subject to the terms and conditions hereinafter set forth the parties of the first part have let and leased unto the party of the second part, his heirs and assigns, the exclusive right and privilege to mine, dig and remove all minerals now in, under and upon a certain tract or parcel of land lying and being in Jackson County, State of North Carolina and described as follows:

BEING a part of the lands conveyed by deed from the State Capital Insurance Company to W. G. Dillard on June 28, 1941 and recorded with the Register of Deeds for Jackson County, North Carolina on page 419 in book 144, and being more particularly described as follows:- BEGINNING at a barn approximately 1000 feet north of State Highway 19 & 28, then running with the road on Dillard land approximately one half mile to a point directly between W. B. Dillard house and the corner marker (big locust tree) on top of Queen's Knob, then with outside boundary line of W. G. Dillard in a southerly direction to a point in gap of ridge to a point approximately 100 feet east of barn and then to the point of BEGINNING; also including the mineral rights and mining privileges on any other portion of W. G. Dillard's lands with his permission.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. Unless sooner terminated as herein provided, this lease shall exist and continue for a period of five (5) years from date hereof; however, it is mutually agreed that, upon compliance with its terms and conditions, same shall automatically be extended from year to year thereafter.

2. As rental or royalty, the party of the second part, his heirs and assigns shall pay to the parties of the first part a sum equal to ten percent (10%) of all sheet, pattern or block mica, One Dollar ($1.00) per ton for all scrap mica, fifty cents (50¢) per ton for all feldspar or Olivine and the usual royalty for all other minerals mined and sold from said lands.

3. That the royalties shall be paid on the 15th day of each calendar month following the sale and receipt of the sale price thereof; and the party of the second part, his heirs or assigns, shall keep an accurate record of all sales of minerals from this property which shall be open to inspection by the parties of the first part.

4. In the event the party of the second part should apply for a government loan to explore or operate this property, the parties of the first part agree to execute any agreements the government may require in connection with same.

5. Party of the second part, his heirs and assigns, agree they will conduct mining operations for a period of not less than eight (8(months each year.

So long as this lease remains in force the party of the second part, his heirs and assigns, in connection therewith shall have and enjoy the following rights and privileges:

(a) The right to use the surface of said lands to the full extent that such use is reasonable, convenient or necessary in mining and removing the minerals therefrom and to use any portions of said surface for the purpose of dumping refuse and tailings as may be reasonably necessary or convenient.

(b) The right to cutnstruct and place buildings and machinery upon said lands and to remove same.

(c) The right to cut and use upon said lands, for the purposes herein set forth, any standing timber thereon at the time of such use; and the right to use any water upon said property as may be necessary in the course of said operation.

(d) The right to use existing roads and to construct and maintain roads, in such locations as the party of the second part may deem advisable, and complete right of ingress, egress and regress to and from such portions of said property where mining operations are in progress or to be conducted.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals the day and year first above written.

s/ W. G. DILLARD (SEAL)
s/ MRS. W. G. DILLARD (SEAL)
s/ DEXTER HALL (SEAL)

NORTH CAROLINA
JACKSON COUNTY

I, G. L. GREEN, a Notary public in and for the aforementioned State and County, hereby certify that W. G. Dillard, Georgia Dillard and Dexter Hall personally appeared before me this day and acknowledged the due execution of the foregoing and annexed instrument for the purposes therein expressed.

WITNESS my hand and Notarial Seal this, the 23rd day of October, 1951.

(NOTARY SEAL)

s/ G. L. GREEN
Notary Public

My Commission Expires: 10/9/52

- - - -

Recorded in the office of Register of Deeds on October 24, 1951 in Book 189, Page 250.

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 2206

Date received 10-31-51

DILLARD MINE

DEXTER HALL
GREENS CREEK
NORTH CAROLINA

Name and address of applicant

Date 10/27/51

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:
   (*a*) What are the chief mine, mill, or smelter products? STRATEGIC MICA
   (*b*) What are the byproducts, if any?
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.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   NAME - DILLARD MINE

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 2½ miles E. Sylva, N.C.
   (*b*) Mining district. Sylva
   (*c*) Township, Section, Range. Greens Creek
   (*d*) County, State. Jackson, County - N.C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. not in operation exploration to be conducted
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production .....
   If not in production or operation, estimated date when production will begin .....
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. Applicant will manage; over 5 years mining experience
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.
   (*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.

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: Not in production; operation will start when exploration is completed

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.

14. Water Supply:

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.

16. Labor: none

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.

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

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.

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

10/27/51
(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
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
OCT 31 10 13 AM '51

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. dma 2 2 0 6
Metal or Mineral
Date Received 10-31-51
Amount $
Participation (Government %)

Name and address of applicant

DILLARD LINE

DEXTER HALL
GREEN CREEK
NORTH CAROLINA

Date 10/27/51

If you have already filed MF-100, give date filed attached, type of assistance requested exploration loan

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract. landlord's Subordination Agreement attached

2. (*a*) What metals or minerals do you expect to find? GRANITE LINE

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. No existing facilities

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project? 10,

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO-5)? yes

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

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.

DEFER HALL
(Name of company)

By D Alton Hall
(Signature of authorized official)

10/27/52
(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—64067-2

FORM MP-103 DEXTER HILL GREEN CREEK, N. C. DILLARD MINE 10/27/51

1. Legal description of property involved in exploration project is part of attached lease.

3. Proposed work will consist of dozing off overburden to eliminate an old shaft and part of old tunnel, which will expose a large section of the vein - considered to be extremely rich in strategic mica. This will result in a cut 200 feet long, 40 feet wide and 60 feet deep. The trench will then be cross-cut and test holes dug into vein.
Total cost of project is itemized herein. Project will be started upon signing of contract and will be completed in approximately 30 working days.

4. Sketch of property and location of proposed exploration work is attached.

6. Facilities required are included in itemized listing of costs.

7. List of operating equipment included in listing of costs.

8. Itemized schedule of labor etc., included in listing of costs.

11. This is considered to be a very big mine. Applicant has his own ideas about proceeding; but, because of the great possibilities, is most desirous of discussing these ideas with the Field Team of Engineers and Geologists.

COST OF PROJECT:

RENTAL EQUIP.

Bulldozer - trenching, cross-cutting, test pits (4), etc. 150 hours @ $10.00 per hour	$1,500.00
Pickup Truck - 30 days @ $8.00 per day	240.00

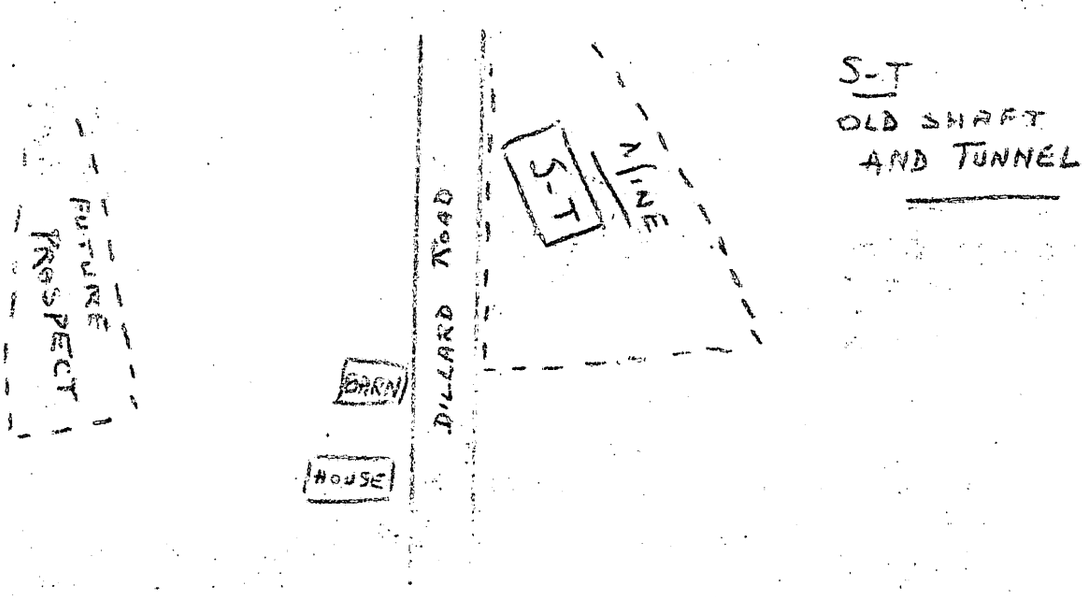
LABOR SCHEDULE

1 Engineer-Superintendent - 30 days @ $20.00 per day	600.00
1 Working Foreman - 30 days @ $15.00 per day	450.00
4 Laborers - 30 days each @ $10.00 per day each	1,200.00

MATERIALS, ETC.

Miscellaneous hand tools	160.00
Misc. expenses, sampling, payroll taxes, office acctg., etc.	100.00
Total cost of project	4,330.00

- - - - - - -



NORTH CAROLINA
JACKSON COUNTY

THIS LEASE AGREEMENT, made and entered into this 23rd day of October, 1951, by and between W. G. DILLARD and wife GEORGIA DILLARD of Jackson County, North Carolina, parties of the first part, and DEXTER HALL of Jackson County, party of the second part,

W I T N E S S E T H

That subject to the terms and conditions hereinafter set forth the parties of the first part have let and leased unto the party of the second part, his heirs and assigns, the exclusive right and privilege to mine, dig and remove all minerals now in, under and upon a certain tract or parcel of land lying and being in Jackson County, State of North Carolina and described as follows:

BEING a part of the lands conveyed by deed from the State Capital Insurance Company to W. G. Dillard on June 28, 1941 and recorded with the Register of Deeds for Jackson County, North Carolina on page 419 in book 144, and being more particularly described as follows:- BEGINNING at a barn approximately 1000 feet north of State Highway 19 & 23, then running with the road on Dillard land approximately one half mile to a point directly between W. B. Dillard house and the corner marker (big locust tree) on top of Queen's Knob, then with outside boundary line of W. G. Dillard in a southerly direction to a point in gap of ridge to a point approximately 100 feet east of barn and then to the point of BEGINNING; also including the mineral rights and mining privileges on any other portion of W. G. Dillard's lands with his permission.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. Unless sooner terminated as herein provided, this lease shall exist and continue for a period of five (5) years from date hereof; however, it is mutually agreed that, upon compliance with its terms and conditions, same shall automatically be extended from year to year thereafter.

2. As rental or royalty, the party of the second part, his heirs and assigns shall pay to the parties of the first part a sum equal to ten percent (10%) of all sheet, pattern or block mica, One Dollar ($1.00) per ton for all scrap mica, fifty cents (50¢) per ton for all feldspar or Olivine and the usual royalty for all other minerals mined and sold from said lands.

3. That the royalties shall be paid on the 15th day of each calendar month following the sale and receipt of the sale price thereof; and the party of the second part, his heirs or assigns, shall keep an accurate record of all sales of minerals from this property which shall be open to inspection by the parties of the first part.

4. In the event the party of the second part should apply for a government loan to explore or operate this property, the parties of the first part agree to execute any agreements the government may require in connection with same.

5. Party of the second part, his heirs and assigns, agree they will conduct mining operations for a period of not less than eight (8(months each year.

So long as this lease remains in force the party of the second part, his heirs and assigns, in connection therewith shall have and enjoy the following rights and privileges:

(a) The right to use the surface of said lands to the full extent that such use is reasonable, convenient or necessary in mining and removing the minerals therefrom and to use any portions of said surface for the purpose of dumping refuse and tailings as may be reasonably necessary or convenient.

(b) The right to outnstruct and place buildings and machinery upon said lands and to remove same.

(c) The right to cut and use upon said lands, for the purposes herein set forth, any standing timber thereon at the time of such use; and the right to use any water upon said property as may be necessary in the course of said operation.

(d) The right to use existing roads and to construct and maintain roads, in such locations as the party of the second part may deem advisable, and complete right of ingress, egress and regress to and from such portions of said property where mining operations are in progress or to be conducted.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals the day and year first above written.

s/ W. G. DILLARD (SEAL)
s/ MRS. W. G. DILLARD (SEAL)
s/ DEXTER HALL (SEAL)

NORTH CAROLINA
JACKSON COUNTY

I, G. L. GREEN, a Notary public in and for the aforementioned State and County, hereby certify that W. G. Dillard, Georgia Dillard and Dexter Hall personally appeared before me this day and acknowledged the due execution of the foregoing and annexed instrument for the purposes therein expressed.

WITNESS my hand and Notarial Seal this, the 23rd day of October, 1951.

(NOTARY SEAL)

s/ G. L. GREEN
Notary Public

My Commission Expires: 10/9/52

- - - -

Recorded in the office of Register of Deeds on October 24, 1951 in Book 189, Page 250.

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. _____

Date received _____

DILLARD MINE

DEXTER HALL
GREENS CREEK
NORTH CAROLINA

Name and address of applicant

Date 10/27/51

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:
   (*a*) What are the chief mine, mill, or smelter products? STRATEGIC MICA
   (*b*) What are the byproducts, if any?
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. Name - DILLARD MINE
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 2½ miles east of Sylva, N.C.
   (*b*) Mining district. Sylva
   (*c*) Township, Section, Range. Greens Creek
   (*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.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. Applicant will manage; over 5 years mining experience
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.
   (*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.

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: not in production; operation will start when exploration is completed

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.

14. Water Supply:

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.

16. Labor: none

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.

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

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.

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

10/27/51
(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