DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip Misc.

**CONTROLLED DOCUMENT**

DMA Docket No. 2215

**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
Room 4070

| | | | |
|---|---|---|---|
| To: | Nonmetallics Br. | Date | 11/16/51 |
| To: | Operating Com | Date | 2-25-52 |
| To: | Op. Com. | Date | 4-28-52 |
| To: | | Date | |
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**DO NOT DETACH**

**CONTROLLED DOCUMENT**

Mr. Emmett Rowland
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2215 - Mica
Rowland Prospect
Macon County, North Carolina

Dear Mr. Rowland:

Your application for exploration assistance on subject application has been reviewed by the Staff of the Defense Minerals Exploration Administration.

The showings on the property indicate that the pegmatite offers too little promise of a significant discovery of strategic grade mica to warrant Government participation in an exploration project. Therefore your application is denied.

Your cooperation in our effort to increase supplies of strategic minerals is appreciated.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:mp 4/25/52
cc: Docket File
Adm. Reading File
Field Team, Region VII (2)
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk
Operating Committee

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

April 18, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2215: Rowland Prospect, (Mica).

I concur in the field team's recommendation to deny subject application on the basis of poor quality and apparent small size of the deposit.

W. F. DIETRICH

IN REPLY REFER TO:

G-MD-JJN

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

April 2, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2215 (Mica).
To: Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Applicant: Emmett Rowland.
Name of property: Rowland.
Location of property: 12.5 miles NW of Franklin, North Carolina.
Field team's recommendation: Denial.

ACTION SUGGESTED:
Follow field team's recommendation.

J. J. Norton

JJNorton:hhp
G-4/2/52
cc: Director's Reading file, 4212
Branch Reading file, 4212
DMEA ✓
JJNorton, G-230, GSA Bldg., USGS
extra

2/26/52

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

Subject: Docket No. DMEA-2215, Mica
Rowland Property
Burmingtown Road
12½ miles N.W. of Franklin
Macon County, North Carolina

Dear Mr. Laurence:

The subject docket contains too little information for a proper assessment of the merit of the proposed exploration project. The property is reported to have yielded a small quantity of strategic mica approximately twenty years ago.

Please have the property examined when yourwork load permits. If exploration is indicated. have the Field Team work out an exploration program with the applicant and submit it as part of the program with the applicant and submit it as part of the report.

Sincerely yours,

(sgd) Frank E Johnson

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

J. H. Hedges

For Bureau of Mines

T. P. Thayer

For Geological Survey

C O P Y

Feb. 26, 1952

Mr. Emmett Rowland
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2215 - Mica
Macon County, North Carolina
12½ Miles N.W. of Franklin

Dear Mr. Rowland:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Knoxville, Tennessee, for further information.

Sincerely yours,

Signed

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:gad
2/21/52

Copy to: Admin. Reading File
Docket File
Mr. Norton, G-228, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

February 13, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2215: Mica: Emmett Rowland

Since subject property is in a known mica belt, and reportedly a former small producer of strategic mica, a field investigation is recommended at time when the field team is in the vicinity.

Signed

W. F. DIETRICH

WFDietrich/em

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

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

Washington 25, D. C.

C O P Y

February 13, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2215: Mica: Emmett Rowland

Since subject property is in a known mica belt, and reportedly a former small producer of strategic mica, a field investigation is recommended at time when the field team is in the vicinity.

/s/ W. F. Dietrich

W. FL DIETRICH

FILE COPY
SURNAME:

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

600

Sd P Feitler
Houk
Lemmon
Hedges
F E Johnson

APR 28 1952

Mr. Emmett Rowland
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2215 - Mica
Rowland Prospect
Macon County, North Carolina

Dear Mr. Rowland:

Your application for exploration assistance on subject application has been reviewed by the Staff of the Defense Minerals Exploration Administration.

The showings on the property indicate that the pegmatite offers too little promise of a significant discovery of strategic grade mica to warrant Government participation in an exploration project. Therefore your application is denied.

Your cooperation in our effort to increase supplies of strategic minerals is appreciated.

Sincerely yours,

C. O. Mittendorf (for) cc 4/29

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:mp 4/25/52
cc: Docket File
Adm. Reading File
Field Team, Region VII (2)
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

S.A.F.

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

April 18, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2215: Rowland Prospect, (Mica).

I concur in the field team's recommendation to deny subject application on the basis of poor quality and apparent small size of the deposit.

W. F. Dietrich

W. F. DIETRICH

Defense Minerals Exploration
APR 21 1952

IN REPLY REFER TO:

G-MD-JJN

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

April 2, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2215 (Mica).
To: Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Applicant: Emmett Rowland.
Name of property: Rowland.
Location of property: 12.5 miles NW of Franklin, North Carolina.
Field team's recommendation: Denial.

ACTION SUGGESTED:
Follow field team's recommendation.

J. J. Norton

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
APR 3 - 1952

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

Room 13, Post Office Building
Knoxville 02, Tennessee

March 24, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: Field Team DMEA - Region VII

Subject: DMEA-2215, Rowland Prospect, Field Examination Report.

Transmitted herewith are 4 copies of field examination report on the subject application.

The Field Team concurs in the rejection of this application.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 3 1952

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

4/2 2 copies Reid in Non-Met. Div. M.P.

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

# DMEA-2215- ROWLAND PROSPECT
Macon County, North Carolina
(mica)

By

Kefton H. Teague, Geologist
U. S. Geological Survey

March 12, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 - 1952

Reviewed by
DMEA OPERATING COMMITTEE
3-31-52
(date)

Report on ROWLAND PROSPECT

DMEA-2215 - Mica - Macon County,
North Carolina.

The Rowland Prospect is located on the north side of DeWesse Branch about 12.5 miles northwest of Franklin, Macon County, N. C. It is on the headwaters of Burningtown Creek, and one mile due west of Mt. Sinai Church.

This property was prospected by 4 or 5 shallow pits a long time ago. Recently Mr. Emmett Rowland, the applicant, has half-way cleaned out some of the old openings, but no pegmatite is exposed. It would appear that the old openings were on a small pegmatite.

Fragments of mica around the old openings are cracked and bent and much of it shows "A" structure. Both green and ruby mica occur.

It is recommended that the requested loan be refused on the basis of the quality of the mica and the apparent small size of the deposit.

March 12, 1952.

K. H. Teague, Geologist.

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

# DMEA-2215- NOWLAND PROSPECT
Macon County, North Carolina
(mica)

By

Kefton H. Teague, Geologist
U. S. Geological Survey

March 12, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 1952

Reviewed by
DMEA OPERATING COMMITTEE
3-31-52
(date)

Report on ROWLAND PROSPECT

DMEA-2215 - Mica - Macon County,
North Carolina.

The Rowland Prospect is located on the north side of DeWesse Branch about 12.5 miles northwest of Franklin, Macon County, N. C. It is on the headwaters of Burningtown Creek, and one mile due west of Mt. Sinai Church.

This property was prospected by 4 or 5 shallow pits a long time ago. Recently Mr. Emmett Rowland, the applicant, has half-way cleaned out some of the old openings, but no pegmatite is exposed. It would appear that the old openings were on a small pegmatite.

Fragments of mica around the old openings are cracked and bent and much of it shows "A" structure. Both green and ruby mica occur.

It is recommended that the requested loan be refused on the basis of the quality of the mica and the apparent small size of the deposit.

March 12, 1952.

K. H. Teague, Geologist.

FILE COPY
SURNAME:

S A Feitler
Houk

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

FEB 2 0 1952

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

Subject: Docket No. DMEA-2215 - Mica
Rowland Property
Burningtown Road
12½ Miles N.W. of Franklin
Macon County, North Carolina

Dear Mr. Laurence:

The subject docket contains too little information for a proper assessment of the merit of the proposed exploration project. The property is reported to have yielded a small quantity of strategic mica approximately twenty years ago.

Please have the property examined when your work load permits. If exploration is indicated, have the Field Team work out an exploration program with the applicant and submit it as part of the report.

Sincerely yours,

ce 2/26

(signed) FRANK E. JOHNSON
(AHS)

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

J. H. Hedges (JHB)
For Bureau of Mines

2 P Thomas (JHB)
For Geological Survey

Enclosure

SAFeitler:gad 2/20/52
Copy to: Admin. Reading File
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-228 GSA Bldg.
Mr. Houk

FILE COPY
SURNAME:

Feitler
Houk
Thayer
Johnson

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

FEB 20 1952

Mr. Emmett Rowland
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2215 - Mica
Macon County, North Carolina
12½ Miles N.W. of Franklin

Dear Mr. Rowland:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Knoxville, Tennessee, for further information.

Sincerely yours,

C. O. Mittendorf

cc
2/26

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:gad
2/21/52

Copy to: Admin. Reading File
Docket File
Mr. Norton, G-228, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

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

February 13, 1952

Sa 7

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2215: Mica: Emmett Rowland

Since subject property is in a known mica belt, and reportedly a former small producer of strategic mica, a field investigation is recommended at time when the field team is in the vicinity.

W. F. Dietrich

W. F. DIETRICH

Pls copy for Lawrence

February 14, 1952

Non-metallic Minerals Div.

Donald H. Kupfer

Emmett Rowland's
2215 Rowland
(mica)

Burningtown Road, 12½ miles NW of Franklin, Macon Co., N. C. (near the Lester Crawford Prospect)

The applicants only support of this application is the generalized statement in answer to question 2.

Donald H. Kupfer

Mr. Emmett Rowland
Route 3,
Franklin, North Carolina

Subject: DMA-2215
Re: Exploration Loan

My dear Mr. Rowland:

This will acknowledge receipt of your application dated October 30, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2215 and referred to the Nonmetallics Branch.

Kindly refer to DMA-2215 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

-103
e 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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 2215
Metal or Mineral
Date Received 11-5-51
Amount $
Participation (Government %)

1951
NOV 5

Name and address of applicant

EMMETT ROWLAND
ROUTE 3
FRANKLIN, N.C.

Date 10/30/51

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

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.

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 information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered 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. NONE

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. NONE REQUIRED

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.

EMMETT ROWLAND
(Name of company)

By Emmett Rowland
(Signature of authorized official)

10/30/51
(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

MF-103 EMMETT ROWLAND ROUTE 3, FRANKLIN, N.C. 10/30/51

1. LEGAL DESCRIPTION:
BEING the lands conveyed by deed, dated October 11, 1950, from Carrol Rowland and wife Mary Rowland to Emmett Rowland; recorded in the office of the Register of Deeds for Macon County, N. C., on October 11, 1950, in Book Z-5 at page 56.
Property consists of 10 acres more or less, all of which is being applied to this project.

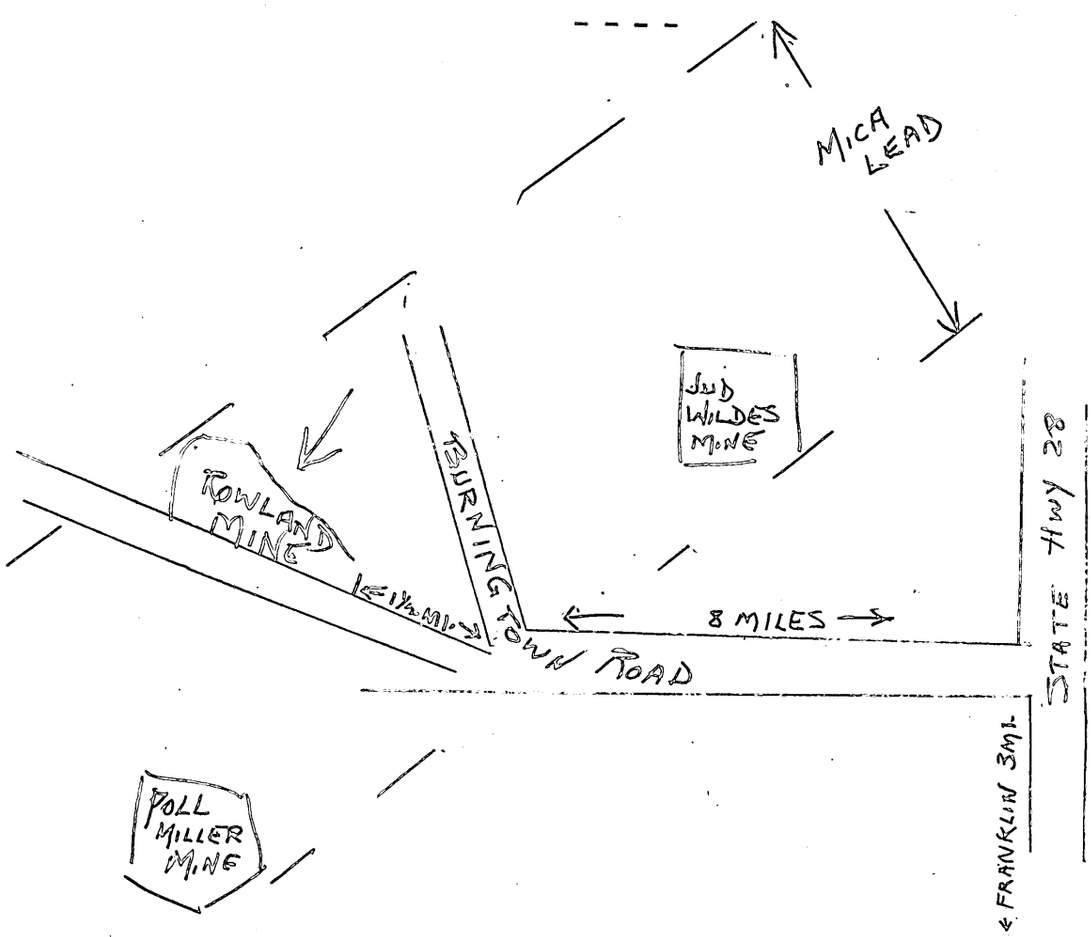
2. Nearly 20 years ago a small shaft and tunnel, up to 30 feet was dug into the vein; this work is now caved in and useless. Reports are that large blocks of strategic type mica were extracted but the owners were not in a proper financial condition to continue. The property lies directly within the main mica lead and close to mines which have been big producers - the Poll Miller and the Jud Wildes mines. See map attached.

3. It is proposed to dozer-trench the pegmatite surface for a distance of 100 feet - 20 feet wide and 25 feet deep; then sink 2 or 3 test pits and cross cut the vein. This will expose strategic mica. Exploratory work can be done in 20 days.

4. Map attached.
7. Itemized listing of requirements attached.
8. See listing.
9. See listing

COST OF PROJECT:

| | |
|---|---|
| Dozer-trenching, 65 hours @ $10.00 per hour (rental) | $ 650.00 |
| Miscellaneous hand tools | 90.00 |
| Jeep rental, 20 days @ $6.00 per day | 120.00 |
| Office, sampling, payroll taxes, etc. | 90.00 |
| 1 Superintendent, 15 days @ $20.00 per day | 300.00 |
| 1 Working Foreman, 20 days @ $15.00 per day | 300.00 |
| 3 Laborers, 20 days each @ $10.00 per day each | 600.00 |
| Total cost of project | $ 2,150.00 |



orm 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. dmm 2215

Date received 11-5-51

EMMETT ROWLAND
ROUTE 3
FRANKLIN, N.C.

Name and address of applicant

Date 10/30/51

## 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).
   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. 12½ miles N.W. of Franklin
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Burningtown
   (*d*) County, State. Macon County, N.C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*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.
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: None. 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.

EMMETT ROWLAND
(Name of company)

By Emmett Rowland
(Signature of authorized official)

10/30/51
(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.

**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 2215
Metal or Mineral
Date Received 11-5-51
Amount $
Participation (Government %)

Name and address of applicant

[illegible]
[illegible] 3
[illegible]

Date 10/30/51

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

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.

2. (*a*) What metals or minerals do you expect to find? [illegible]

   (*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.

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?

    (*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)?

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.

| | |
|---|---|
| (Name of company) | By Emmett Rowland (Signature of authorized official) |
| 10/30/51 (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

LP-103 [illegible] [illegible] 3, [illegible], N.C. 10/30/51

1. Legal description:
   Lots the lands conveyed by deed, dated October 11, 1950, from Carrol Rowland and wife Mary Rowland to Emmett Rowland; recorded in the office of the Register of Deeds for Macon County, N. C., on October 11, 1950, in Book [illegible] at page [illegible].
   Property consists of 10 acres more or less, all of which is being applied to this project.

2. Nearly 30 years ago a small shaft and tunnel, up to 30 feet was dug into the vein; this work is now caved in and useless. Reports are that large blocks of strategic type mica were extracted but the owners were not in a proper financial condition to continue. The property lies directly within the main mica belt and close to mines which have been big producers - the Bell Miller and the Sid Wilson mines. See map attached.

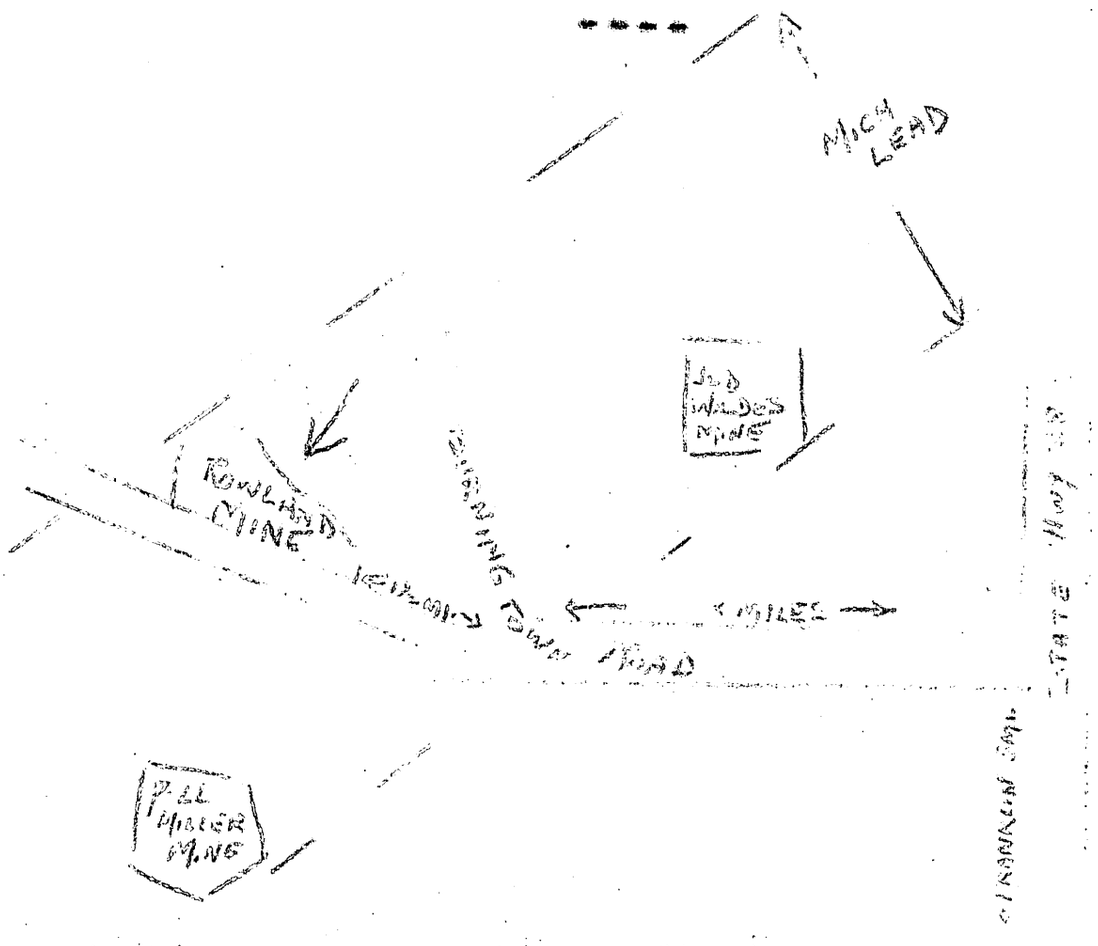
3. It is proposed to dozer-trench the pegmatite surface for a distance of 100 feet - 20 feet wide and 25 feet deep; then sink 2 or 3 test pits and cross cut the vein. This will expose strategic mica. Exploratory work can be done in 30 days.

4. Map attached.
7. Itemized listing of requirements attached.
8. See listing.
9. See listing.

COST OF PROJECT:

| | |
|---|---|
| Dozer-trenching, 65 hours @ $10.00 per hour (rental) | $ 650.00 |
| Miscellaneous hand tools | 90.00 |
| Jeep rental, 30 days @ $5.00 per day | 150.00 |
| Office, sampling, payroll taxes, etc. | 90.00 |
| 1 Superintendent, 15 days @ $20.00 per day | 300.00 |
| 1 Working Foreman, 30 days @ $15.00 per day | 300.00 |
| 3 Laborers, 30 days each @ $10.00 per day each | 900.00 |
| Total cost of project | $ 2,480.00 |

- - - -



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 2215

Date received 11-5-51

EMMETT ROWLAND
ROUTE 3
FRANKLIN, N. C.

Name and address of applicant

Date 10/30/51

## 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).

   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. 12½ miles N.W. of Franklin
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Burningtown
   (*d*) County, State. Macon County, N.C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*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.
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: Common (e) | Number of Shares Held in Applicant Corporation: Preferred (f) | Life Insurance Carried for Benefit of Applicant: Amount (g) | Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h) |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 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: None. 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.

EMMETT ROWLAND
(Name of company)

By Emmett Rowland
(Signature of authorized official)

10/30/51
(Date)

(Title)

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