DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMAX~~ Docket No. 2306

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
(ONE COPY TO USBM & ~~ONE TO USGS~~)

To: CODE 600 Rm. 4637 Date 12-28-51

To: _____ Date _____

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DO NOT DETACH

CONTROLLED DOCUMENT

600

APR 28 1952

Mr. R. L. Crawford
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2306 - Mica
Tippert Mine
Mason County, North Carolina

Dear Mr. Crawford:

Reference is made to your subject application for exploration assistance at the Tippert Mine in Macon County, North Carolina.

Mr. Kefton Teague of the U. S. Geological Survey reports that you verbally requested the withdrawal of your application inasmuch as you have sold your farm and are no longer interested in exploring for mica.

We are closing your file in accordance with your request and wish to thank you for your interest in the defense effort.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

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

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-2306 (Mica).

To: Non-Metallic Minerals Division, DMEA
From: J. J. Norton, U. S. Geological Survey
Commodity: Mica.
Applicant: R. L. Crawford.
Name of property: Tippert.
Location of property: 12 miles NW of Franklin, North Carolina.
Field team's recommendation: Denial.
Comments: Field team states that small amount of exploration is warranted, but applicant is no longer interested.
ACTION SUGGESTED: Follow field team's recommendation.

J. J. Norton

Norton:jeh
G-4/2/52
copy to: Director's Reading file 4212
Branch reading file 4212
DMEA files
Norton, G-230

February 13, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2306: Mica: R. L. Crawford (Tippert Mine)

The data supplied by applicant are inconclusive, but the property is in a favorable area and an investigation seems warranted when the field team is in the vicinity.

Signed

W. F. DIETRICH

WFDietrich/em

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

January 2, 1952

Non-metallic Minerals Div.

Donald H. Kupfer

R. L. Crawford's
2306 Tippert

12 miles NW OF Franklin, Macon County, North Carolina

FILE COPY
SURNAME:

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

600

APR 28 1952

Mr. R. L. Crawford
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2306 - Mica
Tippert Mine
Mason County, North Carolina

Dear Mr. Crawford:

Reference is made to your subject application for exploration assistance at the Tippert Mine in Mason County, North Carolina.

Mr. Keftan Teague of the U. S. Geological Survey reports that you verbally requested the withdrawal of your application inasmuch as you have sold your farm and are no longer interested in exploring for mica.

We are closing your file in accordance with your request and wish to thank you for your interest in the defense effort.

Sincerely yours,

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

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

S.H.
4-28-52

SD

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Room 13, Post Office Building
Knoxville 02, Tennessee

Gentle

March 24, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: Field Team, Region VII

Subject: DMEA-2306, Tippert Mine, Field Team Examination Report.

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

The Field Team concurs in the rejection of this application.

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 1952

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2306

TIPPERT MINE
Macon County, North Carolina
(mica)

By

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 0 1952

March 12, 1952

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

Report on TIPPERT MINE
Macon County, North Carolina

DMEA-2306 (mica)

The Tippert Mine is located near the headwaters of Burningtown Creek about 1.75 miles east of Burningtown Gap. It is about 0.5 miles northwest of Mt. Siani Church and 12 miles N 60° W of Franklin, Macon County, N. C.

At this place a pegmatite about six feet thick crosses a low east-west trending spur. Several shallow pits and one inclined drift have exposed pegmatite for 75 feet along the strike. The incline is about 25 feet long and 15 feet deep at its head.

The pegmatite strikes N 20° E, dipping about 30° SE. It is weathered and appears to be conformable with the weathered mica gneiss and schist country rock.

Mr. Crawford, the applicant, reports that he prospected at this place about a year ago and produced some mica as a result of the work. Most all material produced was clay stained and of "punch" size. The mica is clear, flat, hard, and ruby colored. Some of it contains clay stains and is somewhat cracked and ruled.

The day following the examination Mr. Crawford contacted me and requested that the loan application be withdrawn as he was selling his farm, thus was no longer interested in exploring for mica. Even though the deposit may have justified a limited amount of exploration, no further consideration should be given to the application.

March 12, 1952

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

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2306

TIPPERT MINE
Macon County, North Carolina
(mica)

By

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
(DMEA)
MAR 2 0 1952

March 12, 1952

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

Report on TIPPERT MINE
Macon County, North Carolina

DMRA-2306 (mica)

The Tippert Mine is located near the headwaters of Burningtown Creek about 1.75 miles east of Burningtown Gap. It is about 0.5 miles northwest of Mt. Siani Church and 12 miles N 60° W of Franklin, Macon County, N. C.

At this place a pegmatite about six feet thick crosses a low east-west trending spur. Several shallow pits and one inclined drift have exposed pegmatite for 75 feet along the strike. The incline is about 25 feet long and 15 feet deep at its head.

The pegmatite strikes N 20° E, dipping about 30° SE. It is weathered and appears to be conformable with the weathered mica gneiss and schist country rock.

Mr. Crawford, the applicant, reports that he prospected at this place about a year ago and produced some mica as a result of the work. Most all material produced was clay stained and of "punch" size. The mica is clear, flat, hard, and ruby colored. Some of it contains clay stains and is somewhat cracked and ruled.

The day following the examination Mr. Crawford contacted me and requested that the loan application be withdrawn as he was selling his farm, thus was no longer interested in exploring for mica. Even though the deposit may have justified a limited amount of exploration, no further consideration should be given to the application.

March 12, 1952

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

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-2306 (Mica).

To: Non-Metallic Minerals Division, DMEA
From: J. J. Norton, U. S. Geological Survey
Commodity: Mica.
Applicant: R. L. Crawford.
Name of property: Tippert.
Location of property: 12 miles NW of Franklin, North Carolina.
Field team's recommendation: Denial.
Comments: Field team states that small amount of exploration is warranted, but applicant is no longer interested.
ACTION SUGGESTED: Follow field team's recommendation.

J. J. Norton

J. J. Norton

DEPARTMENT OF THE INTERIOR
Defense Materials Administration
Staff

APR 3 - 1952

FILE COPY
SURNAME:

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

FEB 19 1952

SAFeitler
Houk

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

Subject: Docket No. DMEA-2306 - Mica
Tippert Mine
Macon County, North Carolina

Dear Mr. Laurence:

The above application does not supply enough information to allow a sound assessment of its merit. The Operator says he mined "large blocks of ruby mica" and sold this, sheeted, to the Asheville Mica Company about three years ago.

Please arrange for an examination of this property when the Field Team is in the vicinity. If exploration is warranted, have the Field Team submit a program as part of the report.

Sincerely yours, 2 L. 2/19/52

(signed) FRANK E. JOHNSON
(JHB)
Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures 2

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

APPROVED:

C. H. Johnson (JHB)
Member, Bureau of Mines

2 P. Thayer (JHB)
Member, Geological Survey

FILE COPY
SURNAME:

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

FEB 1 9 1952

SAFeitler
Houk
Thayer
Gibson
H. Johnson

Mr. R. L. Crawford
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2306 - Mica
Tippert Mine
Macon County, North Carolina

Dear Mr. Crawford:

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 E.L. 2/19/52

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:gad

2/15/52

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

Rcvd 2/4/52

We recommended denial on this application on Jan 2, 1952. Note that only MF-100 is here.

Don Kupfer

January 2, 1952

Non-metallic Minerals Div.

Donald H. Kupfer

R. L. Crawford's
2306 Tippert

12 miles NW OF Franklin, Macon County, North Carolina

Donald H Kupfer.

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

February 13, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2306: Mica: R. L. Cranford (Tippert Mine)

The data supplied by applicant are inconclusive, but the property is in a favorable area and an investigation seems warranted when the field team is in the vicinity.

W. F. Dietrich

W. F. DIETRICH

EXPLORATION

Subject: DMEA-2306
Re: Exploration Loan
Tippert Mine

Mr. R. L. Crawford
Route 4
Franklin, North Carolina

My dear Mr. Crawford:

This will acknowledge receipt of your application dated December 24, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2306 and referred to the Non-Metallics Division.

Kindly refer to DMEA-2306 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

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. DMEA-2306
Metal or Mineral
Date Received 12-28-51
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1951

[redacted]

Name and address of applicant

[redacted]

Date 12/21/51

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

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. [redacted]

   (*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. [redacted]

   (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? [redacted]

   (*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)? 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.

R. L. CRAWFORD
(Name of company)

By X R. L. Crawford
(Signature of authorized official)

12/21/52
(Date)

OWNER
(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 R. L. CRAWFORD ROUTE 3 FRANKLIN, N.C. TIPPERT MINE 12/24/51

1. DESCRIPTION:
BEING the lands, consisting of 35 acres more or less, conveyed by Ed Tallent to R. L. Crawford and recorded in the Office of the Register of Deeds for Macon County, N. C., in 1931 Deed Book 31, on Page 473.

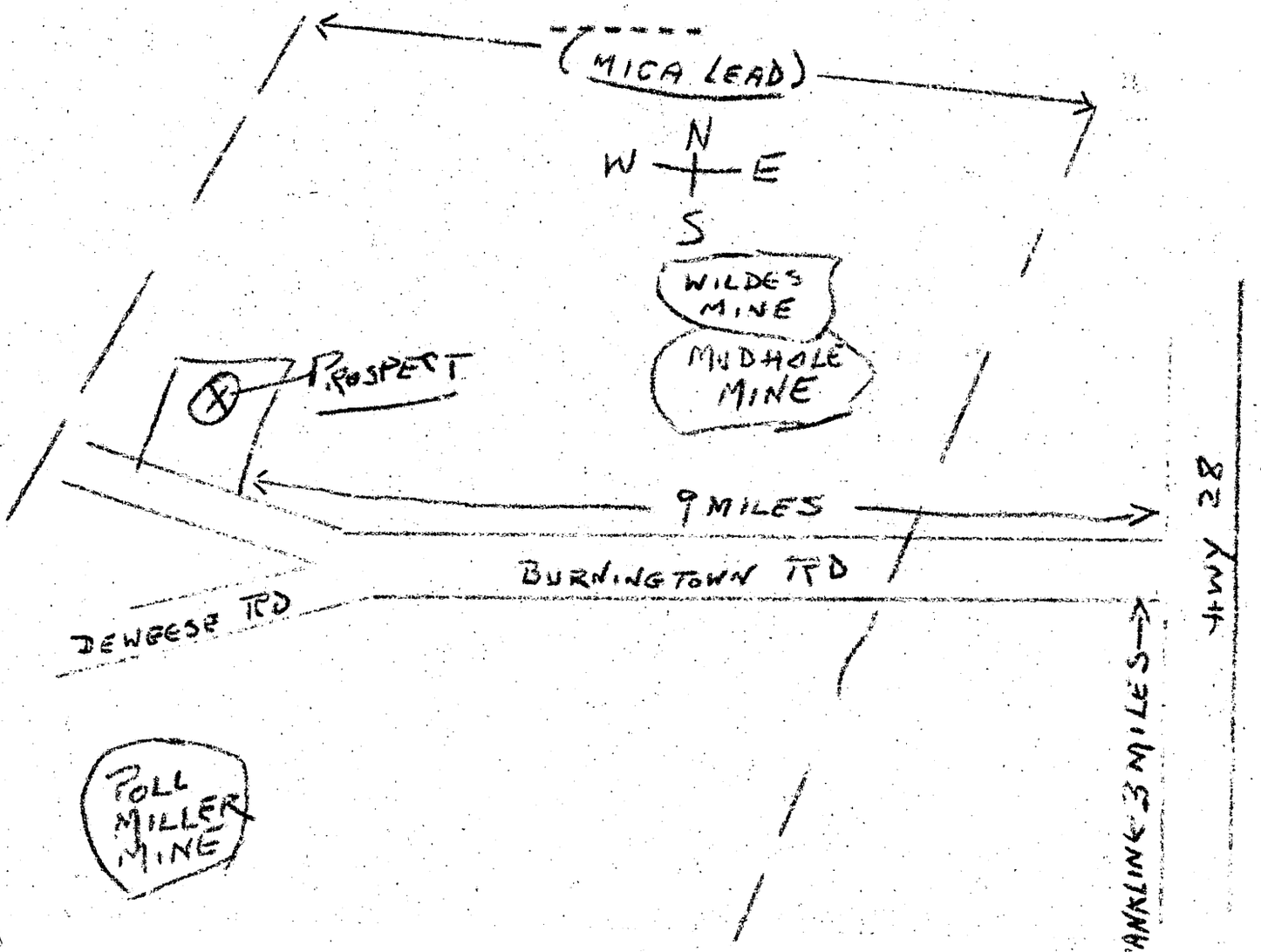
2. This property lies directly within the main mica belt passing through the Franklin Mining District and on the same lead as are several other known producing mines, such as the Poll miller, Jud Wildes, Mudhole, etc. About three years ago, applicant did some prospecting; mainly through a tunnel about 30 feet long. Large blocks of hyprade strategic ruby mica were recovered and, when sheeted, were sold to Asheville Mica Company. At the end of tunnel, the vein was exposed to a width of 7 feet. As is known in the case of all mines in this mica belt, it is anticipated that the pegmatite will widen rapidly and go down for several hundred feet; insuring recovery of very large commercial ore bodies. Because of lack of sufficient operating and exploration funds, combined with low selling prices, applicant was unable to continue. Past workings have since caved in.

3. Proposed work will consist of dozer-trenching for a distance of 150 feet, 30 feet wide and 12 feet deep; with cross cust and test pits. This will establish dip, etc., of pegmatite, and determine proper location for a shaft, approximately 6 feet square and 30 feet to 50 feet deep, to be sunk into the vein.

Listing of required facilities, equipment, labor, supplies, etc., appears below.

COST OF PROJECT:

Rental - dozer for trenching; 100 hours @ $10.00 per hour	$1000.00
Timber for shaft	200.00
Purchase - miscellaneous tools	90.00
Working Foreman, 30 days @ $15.00 per day	450.00
3 Laborers, 30 days each @ $10.00 per day each	900.00
Misc. expenses, sampling, office, payroll taxes, etc.	110.00
TOTAL COST	$ 2,750.00



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. OMEA-2306

Date received 12-28-51

EXPERT LIME

D. L. CRAWFORD
ROUTE 3
FRANKLIN, N. C.

Name and address of applicant

Date 12/26/51

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 LIME
   (*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. 12 miles N.W. of Franklin
   (*b*) Mining district. [illegible]
   (*c*) Township, Section, Range. [illegible] Dunlap town
   (*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. [illegible]
   (*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: THIS IS AN APPLICATION FOR EXPLORATION AID. OPERATION WILL START UPON SUCCESSFUL COMPLETION OF SALE.

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, even 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:

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.

D. L. CRAWFORD

(Name of company)

12/24/51

(Date)

By X D. L. Crawford

(Signature of authorized official)

OWNER

(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-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. DMEA-2806

Date received 12-28-51

TIPPERT MINE

R. L. CRAWFORD
ROUTE 3
FRANKLIN, N. C.

Name and address of applicant

Date 12/24/51

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. 12 miles N.W. of Franklin
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. ~~Burningtown~~ 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: not now in operation
   - ☒ 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: THIS IS AN APPLICATION FOR EXPLORATORY AID. OPERATION WILL START UPON SUCCESSFUL COMPLETION OF SAME.

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.

R. L. CRAWFORD
(Name of company)

By X R L Crawford
(Signature of authorized official)

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OWNER
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