DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2122

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To:	Code 370	Date	10/2/51
To:		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	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

March 31, 1952

Memorandum

To: Mr. Robert E. Adams, Administrative Officer

From: Lawrence G. Houk, Chief, Non-Metallic Minerals Division

Subject: Status of Pending Applications

The following applications have been sent a thirty-day letter, and the time has expired for their reply:

DMEA-1859	DMEA-2198
2087	2303
2120	
2122	

The above cases are to be considered closed, and the dockets are herewith returned.

The status of the other pending applications is given in the attached memorandum.

Lawrence G. Houk, Chief
Non-Metallic Minerals Division

LGHouk:gad

COPY

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

March 31, 1952

Memorandum

To: Mr. Robert E. Adams, Administrative Officer

From: Laurence G. Houk, Chief, Non-Metallic Minerals Division

Subject: Status of Pending Applications

The following applications have been sent a thirty-day letter, and the time has expired for their reply:

DMEA-1859	DMEA-2198
2087	2303
2120	
2122	

The above cases are to be considered closed, and the dockets are herewith returned.

The status of the other pending applications is given in the attached memorandum.

/s/ Laurence G. Houk
Laurence G. Houk, Chief
Non-Metallic Minerals Division

FILE COPY
SURNAME:

Chapman
Mutt

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

JAN 31 1952

Georgia-Carolina Mica Mining Co.
1130 C & S Bank Bldg.
Atlanta, Georgia

Subject: Docket No. DMEA-2122 - Mica
Temple Mine
Carroll County, Georgia

Gentlemen:

We wrote you on October 11, 1951, asking for a specimen of the mica from your property, and also for executed Landlord's Subordination Agreement in sextuplicate. These have not been received to date.

If we do not hear from you within thirty days, we will consider your application withdrawn.

Sincerely yours,

SIGNED 1-31-52

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

TLChapman:gad
1/28/52

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

FILE COPY
SURNAME:

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

370

Wesley
Barr

OCT 1 2 1951

a.E.e.

Georgia-Carolina Mica Mining Co.
1130 C & S Bank Bldg.
Atlanta, Georgia

Subject: DMA-2122 - Temple Mine
Mica

Gentlemen:

Regarding your application for exploration assistance on mica deposit in the Temple Mine, docketed as DMA-2122, additional information is necessary to enable processing.

Please submit samples of mica from the deposit so that we may determine whether it qualifies as strategic grade material.

It will also be necessary to submit a copy of the lease covering the deposit, together with executed Landlord's Subordination Agreements in sextuplicate.

Sincerely yours,

SIGNED J.J. 10-12

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

Enclosures

RWASKEY:mp
10-11-51
cc: Field Team, Region VII (2)
DMA Docket File
Mr. Barr

IN REPLY REFER TO:

G-MD-DHK

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

October 8, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

From: Donald H. Kupfer, Mineral Deposits Branch

Subject: Application DMA-2122 by the Georgia-Carolina Mica Mining Company to explore the Temple Mine, Carroll County, Georgia for strategic mica.

The Georgia-Carolina Mica Mining Company application DMA-2122 is for $3897 aid in exploring the Temple Mine, one mile north of Temple, Carroll County, Georgia. Mica from this general area is very poor and no production of sheet mica has been recorded. Unless the applicant can furnish samples of strategic-grade mica, you will probably wish to deny this application.

No reports on this property are available in the Geological Survey files. Furcron and Teague (Georgia State Geological Survey Bull. 48, p. 172) describe the B. W. Treadway prospect which is apparently within less than 1/4 mile of the Temple prospect. The mica at the Treadway prospect is:

> "green in color, curved, cracked, very badly spotted, splits poorly, and contains "A" structure. Ruling is very pronounced in all the mica."

Other pegmatites in the vicinity were noted and were described as small and lenticular:

> "All of these small dikes contain small books of mica, but the books are not large enough to produce sheet. It is very doubtful if good sheet mica can be produced from this area."

Judging by the known pegmatites of the vicinity, the Temple prospect probably contains mainly small books of black-stained mica. A few clear sheets of small size might be found, but they are probably green.

I believe the operator should be asked to submit samples of mica from the Temple prospect for testing before the application be considered further.

Donald H Kupfer

Donald H. Kupfer

G-MD-DHK

October 8, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

From: Donald H. Kupfer, Mineral Deposits Branch

Subject: Application DMA-2122 by the Georgia-Carolina Mica Mining Company to explore the Temple Mine, Carroll County, Georgia for strategic mica.

The Georgia-Carolina Mica Mining Company application DMA-2122 is for $3897 aid in exploring the Temple Mine, one mile north of Temple, Carroll County, Georgia. Mica from this general area is very poor and no production of sheet mica has been recorded. Unless the applicant can furnish samples of strategic-grade mica, you will probably wish to deny this application.

No reports on this property are available in the Geological Survey files. Furcron and Teague (Georgia State Geological Survey Bull. 48, p. 172) describe the B. W. Treadway prospect which is apparently within less than 1/4 mile of the Temple prospect. The mica at the Treadway prospect is:

> "green in color, curved, cracked, very badly spotted, splits poorly, and contains "A" structure. Ruling is very pronounced in all the mica."

Other pegmatites in the vicinity were noted and were described as small and lenticular:

> "All of these small dikes contain small books of mica, but the books are not large enough to produce sheet. It is very doubtful if good sheet mica can be produced from this area."

Judging by the known pegmatites of the vicinity, the Temple prospect probably contains mainly small books of black-stained mica. A few clear sheets of small size might be found, but they are probably green.

I believe the operator should be asked to submit samples of mica from the Temple prospect for testing before the application be considered further.

Donald H. Kupfer

Copy to: DEfense Minerals Administration ✓

10/24/51

Zeb Angel, Vice President
Georgia-Carolina Mica Mining Comp.,
1130 G & S Bank Building
Atlanta, Georgia

Subject: Exploration
Re: DMA-2122-TEMPLE MINE

My dear Mr. Angel:

This will acknowledge receipt of your application dated September 18, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2122 and referred to the Industrial Minerals Branch.

Kindly refer to DMA-2122 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

NATIONAL MINERS' ASSOCIATION

HIGHLANDS RD. AT MAIN ST.

FRANKLIN, NORTH CAROLINA

A CONFEDERATION OF AMERICAN MINERAL MINERS

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.

September 25, 1951

Mr. Landon F. Strobel
Executive Secretary
Defense Minerals Adm.
Washington, D. C.

Dear Mr. Strobel:

Enclosed are the following four (4) sets of forms covering exploration applications of the Georgia-Carolina Mica Mining Co., Inc.:

Temple Mine - dma 2122
Hogg Mine - dma 2121
Dean Mine - dma 2120
Moore Mine - dma 2119

We trust they will receive the usual prompt attention of your department.

Sincerely yours,

Frank T. Siersma

Frank T. Siersma

FTS:em

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 1951

OFFICAL FILE COPY

To	Init.	Date
210		

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 21-21-21

Date received 10-1-51

Participation

GEORGIA-CAROLINA MICA MINING COR. INC.
1130 C & S BANK BUILDING
ATLANTA, GEORGIA

TEMPLE MINE

Name and address of applicant

Date 9/18/51

FILL IN THIS BLOCK

Date of application 9/18/51

Estimated cost $4330.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 5½ Miles south of LaGrange, Georgia; on Route 219

Date of filing MF-100 9/18/51

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation

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

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

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.

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

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

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

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract. Included in lease

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

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

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

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

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

GEORGIA-CAROLINA MICA MININC CO. INC. By Zeb Angel
(Name of company) (Signature of authorized official)

9/18/51 ZEB ANGEL VICE PRES.
(Date) (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

MF-103 GEORGIA-CAROLINA MICA MINING CO., INC.,
1130 C & S BANK BLDG.
ATLANTA, GEORGIA

TEMPLE MINE

7. Lease covering 64 acres, more or less, known as the Temple Mine, located in Carroll County, Georgia, dated June 27, 1951, from Bernice T. Ozburn, to C. A. Wynn; recorded in said county in Book 94, page 394; said lease having been assigned to applicant Corporation. Details of lease includes 5 years of operation and renewal for an additional 3 years at 10% royalty; contains clause stating owner will sign Form MF-202.

9. Applicant will invest 10% in accordance with M-5.

10. Entire lease will be applied to exploratory contract.

11. Present and past name-Temple Mine.

20. Exploration work will be conducted to uncover Mica Pegmatite.

21. The pegmatite on this property includes 3 veins, each approximately 1000 ft. long and 8 to 10 ft. wide. It is proposed to bulldoze, trench and cross cut each of these 3 veins-20 ft. wide 12 ft. deep and 400 ft. long. Total exploration work, on all 3 veins will require approximately 40 working days.

22. Geological basis for the exploration has been established through testing and examination by Zeb Angel during the past 30 days.

23. ESTIMATED COST:

Tractor-Dozer, trenching, tractor rental; 240 hours @ $10.00	$2400.00
3 Laborers 30 days @ $8.00 per 8 hour day	720.00
1 Working Foreman 30 days @ $12.00 per day	360.00
1 Engineer-Supentendent 20 days @ $20.00 a day	400.00
Misc. Hand Tools, etc.	200.00
Misc. expenses, payroll taxes, sampling, office etc.	250.00
TOTAL	$4330.00

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

RECEIVED
OCT 1 1951
Defense Minerals Administration

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA 21 22

Date received 10-1-51

GEORGIA-CAROLINA MICA MINING CO. INC. TEMPLE MINE
1130 C & S BANK BUILDING
ATLANTA, GEORGIA

Name and address of applicant

Date 9/18/51

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?
   (*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.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
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)
C. A. WYNN ATLANTA, GA.	PRES. D TREAS.			125			
ZEB ANGEL FRANKLIN, NC	V.P. D			125			
F. T. SIERSMA Franklin ,	V.P. D			100			
J. W. HUFF ATLANTA, GA.	SECY. -			-			
HELEN BULLARD " "	D			-			
C. P. COPLAND " "	-			50			
C. M. COOLEY MARIANNA, FLA.	D			100			
	Total		x x x x x	500		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	$ 20,000.	$ 5,000.	$ 10.00	500	
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral dep[illegible] briefly. Accompany the application by any [illegible]ilable report on the geology and ore reserves.

MF-100 GEORGIA-CAROLINA MICA MINING CO., INC.
1130 C & S BANK BUILDING
ATLANTA, GEORGIA

TEMPLE MINE

1. Mica

2. Name-TEMPLE MINE
No past work has been done other than prospecting over the past three to four weeksby Zeb Angel. This has uncovered evidence of large blocks of clear #1 Mica giving evidence of the presence of large reserves.

3. One mile north of Temple, Georgia on Black Top County road (Draketown Road); Carroll County.

4. As mentioned above property is not in operation. Applicant holds lease.

5. Operation will start immediately upon completion of exploration work.

6. Zeb Angel, Vice President of application corporation is in charge of all mining operations. He has prospected and mined for all types of minerals for the past thirty five years; is thoroughly familiar with all phases of this industry.

7. Recent exploration, three to four weeksby Zeb Angel, produced the need for exploration loan. Several hundred pounds Mica has been recovered and is available for examination by the Field Team.

13. Shipping and residence points-LaGrange, Georgia. See 3, above. Reached over good county roads.

14. Sufficient water on property for all purposes.

15. Power not needed for exploration purposes.

16. Applicant has not started operation; has no employees.

17. No facilities on property; none owned.

(*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:

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.

GEORGIA*CAROLINA MICA MINING CO. INC
(Name of company)

By Zeb Angel
(Signature of authorized official)

9/18/51
(Date)

ZEB ANGEL VICE PRES.
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

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

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. [illegible]

Date received 10-1-51

Participation

GEORGIA-CAROLINA MICA MINING COR. INC. TEMPLE MINE
1130 C & S BANK BUILDING
ATLANTA, GEORGIA

Name and address of applicant

Date 9/18/51

FILL IN THIS BLOCK

Date of application 9/18/51

Estimated cost $4330.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 5½ Miles south of Lagrange, Georgia; on Route 219

Date of filing MF-100 9/18/51

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property? Lessee
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing. In good standing

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract. Included in lease

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

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

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

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

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

GEORGIA-CAROLINA MICA MINING CO. INC. By Zeb Angel
(Name of company) (Signature of authorized official)

9/18/51 Zeb Angel Vice Pres.
(Date) (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

MF-103 GEORGIA-CAROLINA MICA MINING CO., INC.,
1130 C & S BANK BLDG.
ATLANTA, GEORGIA

TEMPLE MINE

7. Lease covering 64 acres, more or less, known as the Temple Mine, located in Carroll County, Georgia, dated June 27, 1951, from Bernice T. Ozburn, to C. A. Wynn; recorded in said county in Book 94, page 394; said lease having been assigned to applicant Corporation. Details of lease includes 5 years of operation and renewal for an additional 3 years at 10% royalty; contains clause stating owner will sign Form MF-202.

9. Applicant will invest 10% in accordance with M-5.

10. Entire lease will be applied to exploratory contract.

11. Present and past name-Temple Mine.

20. Exploration work will be conducted to uncover Mica Pegmatite.

21. The pegmatite on this property includes 3 veins, each approximately 1000 ft. long and 8 to 10 ft. wide. It is proposed to bulldoze, trench and cross cut each of these 3 veins-20 ft. wide 12 ft. deep and 400 ft. long. Total exploration work, on all 3 veins will require approximately 40 working days.

22. Geological basis for the exploration has been established through testing and examination by Zeb Angel during the past 30 days.

23. ESTIMATED COST:

Tractor-Dozer, trenching, tractor rental; 240 hours @10.00	$2400.00
3 Laborers 30 days @ $8.00 per 8 hour day	720.00
1 Working Foreman 30 days @ $12.00 per day	360.00
1 Engineer-Supentendent 20 days @ $20.00 a day	400.00
Misc. Hand Tools, etc.	200.00
Misc. expenses, payroll taxes, sampling, office etc.	250.00
TOTAL	$4330.00

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. [illegible]

Date received 10-1-51

Participation

GEORGIA-CAROLINA MICA MINING COR. INC. TEMPLE MINE
1130 C & S BANK BUILDING
ATLANTA, GEORGIA

Name and address of applicant

Date 9/18/51

FILL IN THIS BLOCK

Date of application 9/18/51

Estimated cost $4330.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 5½ Miles south of Lagrange, Georgia; on Route 219

Date of filing MF-100 9/18/51

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property? Lessee
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing. In good standing

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract. Included in lease

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
    State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

GEORGIA-CAROLINA MICA MINING CO. INC. By Zeb Angel
(Name of company) (Signature of authorized official)

9/18/51 Zeb Angel Vice Pres.
(Date) (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

MF-103 GEORGIA-CAROLINA MICA MINING CO., INC.,
1130 C & S BANK BLDG.
ATLANTA, GEORGIA

TEMPLE MINE

7. Lease covering 64 acres, more or less, known as the Temple Mine, located in Carroll County, Georgia, dated June 27, 1951, from Bernice T. Ozburn, to C. A. Wynn; recorded in said county in Book 94, page 394; said lease having been assigned to applicant Corporation. Details of lease includes 5 years of operation and renewal for an additional 3 years at 10% royalty; contains clause stating owner will sign Form MF-202.

9. Applicant will invest 10% in accordance with M-5.

10. Entire lease will be applied to exploratory contract.

11. Present and past name-Temple Mine.

20. Exploration work will be conducted to uncover Mica Pegmatite.

21. The pegmatite on this property includes 3 veins, each approximately 1000 ft. long and 8 to 10 ft. wide. It is proposed to bulldoze, trench and cross cut each of these 3 veins-20 ft. wide 12 ft. deep and 400 ft. long. Total exploration work, on all 3 veins will require approximately 40 working days.

22. Geological basis for the exploration has been established through testing and examination by Zeb Angel during the past 30 days.

23. ESTIMATED COST:

Tractor-Dozer, trenching, tractor rental; 240 hours @ 10.00	$2400.00
3 Laborers 30 days @ $8.00 per 8 hour day	720.00
1 Working Foreman 30 days @ $12.00 per day	360.00
1 Engineer-Supentendent 20 days @ $20.00 a day	400.00
Misc. Hand Tools, etc.	200.00
Misc. expenses, payroll taxes, sampling, office etc.	250.00
TOTAL	$4330.00

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 2129

Date received 10-1-51

Participation

GEORGIA-CAROLINA MICA MINING COR. INC.
1130 C & S BANK BUILDING
ATLANTA, GEORGIA

TEMPLE MINE

Name and address of applicant

Date 9/18/51

FILL IN THIS BLOCK

Date of application 9/18/51

Estimated cost $4330.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 5½ Miles south of Lagrange, Georgia; on Route 219

Date of filing MF-100 9/18/51

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property Lessee
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing In good standing

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract. Included in lease

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
    State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

GEORGIA-CAROLINA MICA MINING CO. INC.
(Name of company)

By Zeb Angel
(Signature of authorized official)

9/18/51
(Date)

Zeb Angel Vice Pres.
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

MF-103 GEORGIA-CAROLINA MICA MINING CO., INC.,
1130 C & S BANK BLDG.
ATLANTA, GEORGIA

TEMPLE MINE

7. Lease covering 64 acres, more or less, known as the Temple Mine, located in Carroll County, Georgia, dated June 27, 1951, from Bernice T. Ozburn, to C. A. Wynn; recorded in said county in Book 94, page 394; said lease having been assigned to applicant Corporation. Details of lease includes 5 years of operation and renewal for an additional 3 years at 10% royalty; contains clause stating owner will sign Form MF-202.

9. Applicant will invest 10% in accordance with M-5.

10. Entire lease will be applied to exploratory contract.

11. Present and past name-Temple Mine.

20. Exploration work will be conducted to uncover Mica Pegmatite.

21. The pegmatite on this property includes 3 veins, each approximately 1000 ft. long and 8 to 10 ft. wide. It is proposed to bulldoze, trench and cross cut each of these 3 veins-20 ft. wide 12 ft. deep and 400 ft. long. Total exploration work, on all 3 veins will require approximately 40 working days.

22. Geological basis for the exploration has been established through testing and examination by Zeb Angel during the past 30 days.

23. ESTIMATED COST:

Tractor-Dozer, trenching, tractor rental; 240 hours @ $10.00	$2400.00
3 Laborers 30 days @ $8.00 per 8 hour day	720.00
1 Working Foreman 30 days @ $12.00 per day	360.00
1 Engineer-Supentendent 20 days @ $20.00 a day	400.00
Misc. Hand Tools, etc.	200.00
Misc. expenses, payroll taxes, sampling, office etc.	250.00
TOTAL	$4330.00

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

OCT 15 9 31 AM '51

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmal 21221

Date received 10-15-51

GEORGIA-CAROLINA MICA MINING CO. INC. TEMPLE MINE
1130 C & S BANK BUILDING
ATLANTA, GEORGIA

Name and address of applicant

Date 9/18/51

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?
   (*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.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
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)
C. A. WYNN ATLANTA, GA.	PRES. D TREAS.			125			
ZEB ANGEL FRANKLIN, NC	V.P. D			125			
F. T. SIERSMA Franklin,	V.P. D			100			
J. W. HUFF ATLANTA, GA.	SECY. -			-			
HELEN BULLARD " "	D			-			
C. P. COPLAND " "	-			50			
C. M. COOLEY MARIANNA, FLA.	D			100			
	Total		x x x x x	500		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	$ 20,000.	$ 5,000.	$ 10.00	500	
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

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

MF-100 GEORGIA-CAROLINA MICA MINING CO., INC.
1130 C & S BANK BUILDING
ATLANTA, GEORGIA

TEMPLE MINE

1. Mica

2. Name-TEMPLE MINE
No past work has been done other than prospecting over the past three to four weeksby Zeb Angel. This has uncovered evidence of large blocks of clear #1 Mica giving evidence of the presence of large reserves.

3. One mile north of Temple, Georgia on Black Top County road (Draketown Road); Carroll County.

4. As mentioned above property is not in operation. Applicant holds lease.

5. Operation will start immediately upon completion of exploration work.

6. Zeb Angel, Vice President of application corporation is in charge of all mining operations. He has prospected and mined for all types of minerals for the past thirty five years; is thoroughly familiar with all phases of this industry.

7. Recent exploration, three to four weeksby Zeb Angel, produced the need for exploration loan. Several hundred pounds Mica has been recovered and is available for examination by the Field Team.

13. Shipping and residence points-LaGrange, Georgia. See 3, above. Reached over good county roads.

14. Sufficient water on property for all purposes.

15. Power not needed for exploration purposes.

16. Applicant has not started operation; has no employees.

17. No facilities on property; none owned.

(*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:

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.

GEORGIA*CAROLINA MICA MINING CO. INC
(Name of company)

By Zeb Angel
(Signature of authorized official)

9/18/51
(Date)

ZEB ANGEL VICE PRES.
(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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
OCT 1 1951
RECEIVED

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 2122

Date received 10-15-51

GEORGIA-CAROLINA MICA MINING CO. INC. TEMPLE MINE
1130 C & S BANK BUILDING
ATLANTA, GEORGIA

Name and address of applicant

Date 9/18/51

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?
   (*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.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
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)
C. A. WYNN ATLANTA, GA.	PRES. D TREAS.			125			
ZEB ANGEL FRANKLIN, NC	V.P. D			125			
F. T. SIERSMA Franklin,	V.P. D			100			
J. W. HUFF ATLANTA, GA.	SECY. -			-			
HELEN BULLARD " "	D			-			
C. P. COPLAN " "	-			50			
C. M. COOLEY MARIANNA, FLA.	D			100			
	Total		x x x x x	500		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	$ 20,000.	$ 5,000.	$ 10.00	500	
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

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

MF-100 GEORGIA-CAROLINA MICA MINING CO., INC.
1130 C & S BANK BUILDING
ATLANTA, GEORGIA

TEMPLE MINE

1. Mica

2. Name-TEMPLE MINE
No past work has been done other than prospecting over the past three to four weeks by Zeb Angel. This has uncovered evidence of large blocks of clear #1 Mica giving evidence of the presence of large reserves.

3. One mile north of Temple, Georgia on Black Top County road (Draketown Road); Carroll County.

4. As mentioned above property is not in operation. Applicant holds lease.

5. Operation will start immediately upon completion of exploration work.

6. Zeb Angel, Vice President of application Corporation is in charge of all mining operations. He has prospected and mined for all types of minerals for the past thirty five years; is thoroughly familar with all phases of this industry.

7. Recent exploration, three to four weeks by Zeb Angel, produced the need for exploration loan. Several hundred pounds of Mica has been recovered and is available for examination by the Field Team.

13. Shipping and residence points-LaGrange, Georgia. See 3 above. Reached over good county roads.

14. Sufficient water on property for all purposes.

15. Power not needed for exploration purposes.

16. Applicant has not started operation; has no employees.

17. No facilities on property; none owned.

(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:

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.

GEORGIA-CAROLINAMICA MINING CO. INC
(Name of company)

By Zeb Angel
(Signature of authorized official)

9/18/51
(Date)

ZEB ANGEL VICE PRES
(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

MAP NO 1.

PROGRESSIVE MAP OF THE COUNTY OF FRESNO

DATA OBTAINED FROM GOVERNMENT, COUNTY, AND PRIVATE SOURCES

COMPILED AND PUBLISHED BY

PROGRESSIVE MAP SERVICE

CARL W. CHAMBERLIN

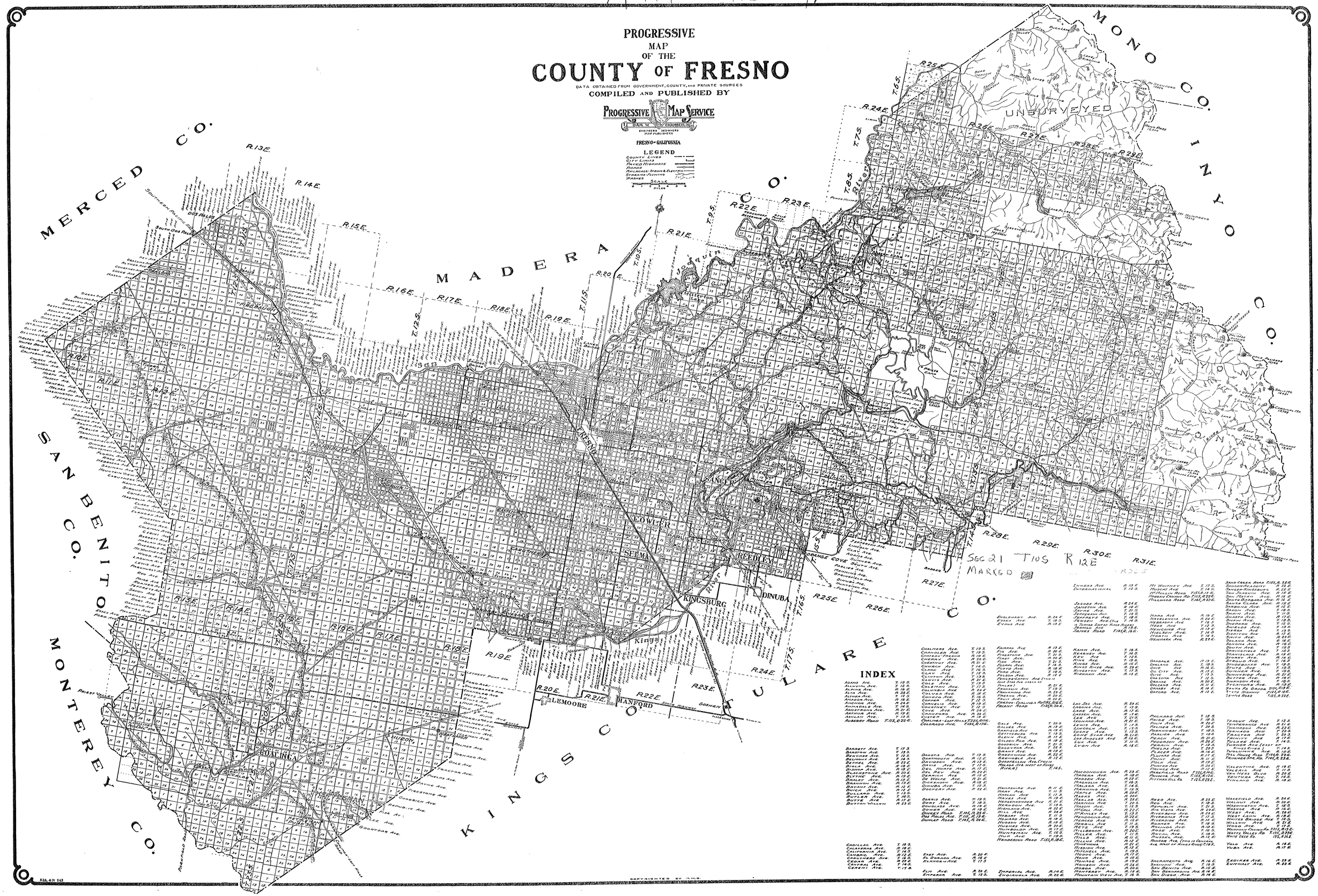
ENGINEERS · DESIGNERS · MAP PUBLISHERS

FRESNO - CALIFORNIA

LEGEND

County Lines
City Limits
Paved Highways
Roads
Railroads - Steam & Electric
Streams - Fishing
Washes

Scale — Miles



INDEX

Adams Ave. T.13S.
Alluvial Ave. T.12S.
Alma Ave. R.24E.
Alta Ave. R.24E.
Ashlan Ave. R.19E.
Auberry Ave. R.14E.
Auction Ave. R.14E.
Avenue 18 R.14E.
Armstrong Ave. R.21E.
Arrow Ave. R.19E.
Ashlan Ave. R.13E.
Auberry Road T.11S, R.22E.

Barrett Ave. T.17S.
Barton Ave. T.13S.
Belmont Ave. T.13S.
Belmont Ave. R.19E.
Bethel Ave. R.22E.
Biola Ave. R.18E.
Bishop Ave. R.18E.
Blackstone Ave. R.20E.
Blythe Ave. R.19E.
Bowles Ave. R.19E.
Brawley Ave. R.19E.
Bryant Ave. R.19E.
Buick Ave. R.14E.
Butler Ave. R.14E.
Butte Ave. R.11E.
Button Willow R.21E.

Cadillac Ave. T.18S.
Cilaveras Ave. R.18E.
California Ave. T.14S.
Cambric Ave. R.12E.
Carlisle Ave. T.18S.
Cedar Ave. T.14S.
Central Ave. T.14S.
Cerrito Ave. T.11S.

Chalmers Ave. T.13S.
Chandler Ave. R.13S.
Chateau-Fresno R.18E.
Cherry Ave. R.19E.
Chestnut Ave. R.21E.
Church Ave. T.14S.
Clark Ave. T.16S.
Clay Ave. T.13S.
Clinton Ave. T.13S.
Clovis Ave. R.21E.
Cole Ave. T.14S.
Coleman Ave. T.13S.
Columbia Ave. R.24E.
Colusa Ave. R.18E.
Conejo Ave. T.13S.
Conner Ave. T.13S.
Cornelia Ave. T.13S.
Crescent Ave. T.14S.
Cove R.24E.
Crawford Ave. R.24E.
Custer Ave. R.11E.
Dakota Ave. T.13S.
Dartmouth Ave. R.12E.
Davidson Ave. R.13E.
Davis Ave. R.17E.
Del Norte Ave. R.17E.
Del Rey Ave. R.22E.
Derrick Ave. R.15E.
De Young Ave. R.21E.
Dickenson Ave. R.16E.
Dinuba Ave. R.24E.
Dockery Ave. R.12E.

Dorris Ave. T.13S.
Dorr Ave. T.18S.
Douglass Ave. R.14E.
Dour Ave. R.18E.
Dunkey Road T.14S, R.25E.
Del Rio Road T.11S, R.17E.
Dunlap Road T.14S, R.24E.

East Ave. R.16E.
El Dorado Ave. R.16E.
Elkhorn Ave. T.17S.

Elm Ave. R.16E.
Emparda Ave. T.12S.

Fairfax Ave. R.13E.
Fig Ave. R.16E.
Fingerboard Ave. R.16E.
Fine Ave. T.13S.
Floral Ave. T.14S.
Floyd Ave. R.18E.
Ford Ave. T.12S.
Frazier Ave. R.19E.
Fresno Ave. R.13E.
Fresno-Coalinga Rd. R.18E, R.21E.
Friant Road T.11S, R.24E.

Gale Ave. T.13S.
Gallier Ave. R.19E.
Garfield Ave. R.13E.
Gettysburg Ave. R.13E.
Gettysburg Ave. R.13E.
Golden Rod Ave. R.19E.
Goodrich Ave. T.13S.
Goodwin Ave. T.14S.
Grant Ave. R.19E.
Greenwood Ave. R.12E.
Guernsey Ave. R.12E.
Goshen Ave. (Tulare Co. Line) T.14S.
Hallam (1/4 West of Kings River) T.14S.

Hampshire Ave. R.11E.
Hart Ave. T.13S.
Harlan Ave. R.19E.
Hayes Ave. R.19E.
Herndon-Kosser Ave. R.11E.
Hardison Ave. R.12E.
Hill Ave. R.19E.
Hoover Ave. R.18E.
Hobart Ave. T.13S.
Howard Ave. R.13E.
Hudson Ave. R.13E.
Huggins Ave. R.13E.
Humboldt Ave. R.17E.
Hurley Wuntemyer Ave. T.13S.
Hun Ave. T.13S.
Henderson Road T.13S, R.18E.

Ivy Ave. R.13E.
International T.12S.

Jacobs Ave. R.14E.
Jameson Ave. R.18E.
Jayne Ave. T.11S.
Jensen Ave. T.14S.
Jefferys Ave. T.14S.
Jones (Tuba Road) T.14S.
Jones (Left Knee Road) T.14S.
Jones Road T.14S, R.16E.
James Road T.14S, R.16E.

Kearney Ave. R.13E.
Kearney Ave. T.14S.
Key Ave. T.13S.
Kings Ave. T.13S.
Kings River Ave. R.23E.
Kingston Ave. T.17S.
Kirkham Ave. R.13E.

Lac Jac Ave. R.13E.
Lassen Ave. T.12S.
Lake Ave. R.17E.
Larson Ave. R.13E.
Lee Ave. T.17S.
Lincoln Ave. R.13E.
Lewis Ave. T.17S.
Lincoln Ave. T.15S.
Loose Ave. T.13S.
Lone Star Ave. R.17E.
Los Angeles Ave. R.14E.
Lux Ave. T.11S.
Lyon Ave. R.14E.

Maccoonough Ave. R.13E.
Madera Ave. R.18E.
Madsen Ave. R.13E.
Magnolia Ave. T.13S.
Malaga Ave. T.14S.
Manning Ave. R.20E.
Maple Ave. R.20E.
Marks Ave. R.19E.
Marlar Ave. R.13E.
Marion Ave. T.12S.
Mary Ave. R.13E.
McCall Ave. R.22E.
McKinley Ave. T.13S.
Mendocino Ave. R.13E.
Mereed Ave. R.13E.
Merced Ave. R.19E.
Mills Ave. R.19E.
Millerton Ave. R.20E.
Miller Ave. T.11S.
Mills Ave. R.11E.
Millux Ave. R.11E.
Minthorn R.11E.
Mission Ave. R.11E.
Mitchell Ave. T.12S.
Monroe Ave. R.13E.
Mono Ave. R.13E.
Monterey Ave. R.13E.
Moreno Ave. R.13E.
Mosher Ave. R.13E.
Mountain View Ave. T.16S.

Mt. Whitney Ave. T.17S.
Muscat Ave. T.14S.
McMullin Road T.11S, R.17E.
Marian Church Rd. T.11S, R.22E.
Mullwood Road T.14S, R.22E.

Nara Ave. R.15E.
Navelencia Ave. R.24E.
Nebraska Ave. T.14S.
Ness Ave. T.12S.
Newcomb Ave. R.14E.
Nielsen Ave. T.14S.
Nisbet Ave. T.14S.
Nishara Ave. R.22E.

Oakdale Ave. T.13S.
Oakland Ave. T.18S.
Ohio T.14S.
Oil City Ave. T.12S.
Olive Ave. T.13S.
Oraloma Ave. T.12S.
Orange Ave. R.20E.
Orleans Ave. R.14E.
Orosi Ave. R.24E.
Oxford Ave. R.12E.

Packard Ave. T.13S.
Paige Ave. T.13S.
Palm Ave. R.20E.
Palmer Ave. T.13S.
Parkhurst Ave. T.18S.
Peach Ave. R.21E.
Peterson Ave. R.24E.
Perrin Ave. T.13S.
Phillips Ave. R.14E.
Plaza Ave. R.19E.
Plumas Ave. R.17E.
Polk Ave. T.11S.
Polk Ave. R.13E.
Prairie Ave. R.13E.
Prince Ave. R.12E.
Prospect Road T.10S, R.21E.
Purdue Ave. T.12S, R.12E.
Putman Hill Rd. T.12S, R.21E.

Reed Ave. R.23E.
Rice Ave. T.18S.
Republic Ave. T.21S.
Rio Vista Ave. R.24E.
Riverbend Ave. R.13E.
Riverside Ave. R.13E.
Riverside Ave. T.14S.
Rolinda Ave. R.19E.
Rolinda Ave. T.14S.
Rose Ave. T.18S.
Rowell Ave. T.13S.
Russell Ave. R.12E.
Rowser Ave. (This is Geronimo Ave. West of Kings River) T.13S.

Sacramento Ave. R.16E.
Sagehen Ave. T.15S.
San Benito Ave. R.13E.
San Bernardino Ave. R.14E.
San Diego Ave. R.14E.

San Carlos Road T.13S, R.25E.
Sierra Vista Ave. R.12E.
Sanger-Kingsburg R.22E.
Sanger-Dinuba Ave. R.15E.
San Mateo Ave. R.13E.
San Francisco Ave. R.13E.
Santa Clara Ave. R.13E.
Sargent Ave. R.12E.
Saxon Ave. T.18S.
Scott Ave. R.17E.
Shaw Ave. T.13S.
Shirley Ave. T.12S.
Shields Ave. T.13S.
Shuman Ave. T.13S.
Siskiyou Ave. R.17E.
Smith Ave. R.23E.
Solano Ave. R.16E.
Sonora Ave. R.19E.
South Ave. T.13S.
Springville Ave. T.18S.
Stanislaus Ave. R.14E.
Storey Ave. R.14E.
Strong Ave. T.14S.
Stroderbaker Ave. T.13S.
Stylle Ave. T.13S.
Sumner Ave. T.13S.
Sunnyside Ave. T.13S.
Sutter Ave. R.16E.
Swanson Ave. R.13E.
Swanson Ave. T.14S.
Sycamore Grove T.10S, R.21E.
Sycamore Ave. T.14S, R.22E.
Lamb Road T.11S, R.21E.

Tague Ave. T.12S.
Temperance Ave. R.21E.
Tenaya Ave. T.13S.
Tornado Ave. T.20S.
Tulare Ave. T.13S.
Trinity Ave. R.17E.
Tulare Ave. T.14S.
Turner Ave. (East of Kingsburg) T.14S.
Turner Ave. (West of Kingsburg) T.14S.
Tal. Hills Road T.11S, R.22E.
Tal. Hills Sch. Rd. T.11S, R.22E.

Valentine Ave. R.19E.
Valeria Ave. T.11S.
Ventura Ave. R.20E.
Ventura Ave. T.14S.
Vineland Ave. R.18E.

Wakefield Ave. R.24E.
Walnut Ave. R.13E.
Washington Ave. T.18S.
Wear Ave. R.24E.
West Ave. R.13E.
Whitson Lane R.19E.
Whites Bridge Ave. T.13S.
Wilson Ave. R.21E.
Wright Ave. R.17E.
Wuntemyer Crossing T.11S, R.15E.
Wuntemyer Hills Rd. T.11S, R.17E, T.12S, R.18E.
White Deer Rd.

Yold Ave. R.18E.
Yuba Ave. R.17E.

Zediker Ave. R.23E.
Zumwalt Ave. R.23E.

COPYRIGHTED BY C.W.C.