DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. DMA-2834

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 ASSISTANCE

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
CYS TO USBM, USGS AND REGION VII

To:	Code 600 Rm 4637	Date	1/6/53
To:	Robertson	Date	1/8/53
To:	Oper Comm.	Date	2-4-53
To:	Oper Com	Date	3-20-53
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CONTROLLED DOCUMENT

IN REPLY REFER TO:

G-MD-CNM

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

March 18, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 18 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2834 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: J. J. Norton, U. S. Geological Survey
Applicant: Glenda Mining Company, Inc., c/o C. H. Gilman, Jr., 1417 Battleground Avenue, Greensboro, North Carolina.
Name of property: Painter.
Location of property:
2.9 miles S. 65° E. of Sylva, North Carolina.
Date of field team report: March 9, 1953.
Authorship of Field team report: K. H. Teague and L. E. Shirley.
Field team's recommendation: Denial.
Comments: I surnamed your denial of this application prior to preparing this memorandum.
ACTION SUGGESTED: Follow field team's recommendation.

J. J. Norton

J. J. Norton

FILE COPY
SURNAME:

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

Robertson
Hoch
Dietrich
Norton
Hayes
Powell
Selfridge
Johnson

BL

MAR 2 0 1953

Mr. Clyde M. Gilmore, Jr., President
Glenda Mining Company, Inc.
1417 Battleground Avenue
Greensboro, North Carolina

Re: Docket No. DMA-2034 - Mica
Painter Mine
Jackson County, North Carolina

Dear Mr. Gilmore:

Your application for aid for an exploration project and other data available to us in Washington concerning the Painter Mine have been reviewed.

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

Careful study of all our information indicates to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

JTRobertson:gad 3/17/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Operating Committee
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Hoak

JN
3/20/53

FILE COPY
SURNAME:

Robertson
Edwards
Dietrich
North

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

600

March 17, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A Closing Review - Docket No. DMEA-2834 - Mica
- Denial -
Contract: None
Property: Painter Mine
(2.9 miles S. 65° E. of Sylva)
Jackson County, North Carolina
Applicant: Glenda Mining Company, Inc.
(Clyde M. Gilmore, President)
1417 Battleground Avenue
Greensboro, North Carolina
Applied for: $55,900
Approved: None

Project Denied: The mine was examined by the Regional Field Team and a denial was recommended. Copy of letter of denial to applicant is attached hereto.

Docket Summary:

1/5/53 Application received, MF-103. It also included four copies of Deed of Trust and Purchase Agreement.
1/6/53 Application acknowledged.
2/5/53 A field examination requested.
3/11/53 Received Field Team, Region VII, examination report. Report by Teague and Shirley. They recommend a denial of assistance for exploration project.
_____ Application denied in accordance with letter of denial, copy of which is attached hereto.

Resume:

The Painter Mine, is an old mica mine which has been worked at intervals for more than 50 years. Local residents report it to be "worked out"; this seems to be borne out by the long period of unsuccessful and intermittent operations since 1918.

Recent bulldozing has destroyed the surface evidence of previous workings and greatly disturbed the natural slope of the steep hillside; so much so, that the ground is unstable and any work around old adits would likely be unsafe.

It is reported that the applicant has spent $13,000 on recent work, only about 48 pounds of mica was sold and little of mica of book form is in evidence. It is mostly "A", biotite specked, bent, cracked, clay stained and about 50 percent non-ruby colored mica. A representative at the GSA Spruce Pine Mica Depot states that, "the mica received from this mine has been of poor quality and is very near nonstrategic grade".

The field examiners are of the opinion that, "the cost of exploring the deposit will be much greater than the value of any production, therefore, the request for exploration assistance should be denied."

Comment:

The Nonmetallic Minerals Division concurs with the Field Team and recommends a denial of the project for exploration assistance. The commodity groups of the Bureau of Mines and the Geological Survey likewise concur.

J. T. Robertson
Nonmetallic Minerals Division

JTRobertson:gad 3/17/53

Copy to: Admr. R. File
Docket File
Mr. Houk

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

March 17, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A Closing Review - Docket No. DMEA-2834 - Mica
- Denial -
Contract: None
Property: Painter Mine
(2.9 miles S. 65° E. of Sylva)
Jackson County, North Carolina
Applicant: Glenda Mining Company, Inc.
(Clyde M. Gilmore, President)
1417 Battleground Avenue
Greensboro, North Carolina
Applied for: $55,900
Approved: None

Project Denied: The mine was examined by the Regional Field Team and a denial was recommended. Copy of letter of denial to applicant is attached hereto.

Docket Summary:

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1/6/53	Application acknowledged.
2/5/53	A field examination requested.
3/11/53	Received Field Team, Region VII, examination report. Report by Teague and Shirley. They recommend a denial of assistance for exploration project.
_____	Application denied in accordance with letter of denial, copy of which is attached hereto.

Resume:

The Painter Mine, is an old mica mine which has been worked at intervals for more than 50 years. Local residents report it to be "worked out"; this seems to be borne out by the long period of unsuccessful and intermittent operations since 1918.

Recent bulldozing has destroyed the surface evidence of previous workings and greatly disturbed the natural slope of the steep hillside; so much so, that the ground is unstable and any work around old adits would likely be unsafe.

It is reported that the applicant has spent $18,000 on recent work, only about 48 pounds of mica was sold and little of mica of book form is in evidence. It is mostly "A", biotite specked, bent, cracked, clay stained and about 50 percent non-ruby colored mica. A representative at the GSA Spruce Pine Mica Depot states that, "the mica received from this mine has been of poor quality and is very near nonstrategic grade".

The field examiners are of the opinion that, "the cost of exploring the deposit will be much greater than the value of any production, therefore, the request for exploration assistance should be denied."

Comment:

The Nonmetallic Minerals Division concurs with the Field Team and recommends a denial of the project for exploration assistance. The commodity groups of the Bureau of Mines and the Geological Survey likewise concur.

Jasper T. Robertson

J. T. Robertson
Nonmetallic Minerals Division

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

March 10, 1953

Memorandum

To: Operating Committee, D M E A - Washington

From: Executive Officer, D M E A - Region 7

Subject: Field Team Examination Reports.

Transmitted herewith are four copies each of the field examination reports on:

DMEA-2800, Denson Mine (mica) Pickens Co. Georgia.

DMEA-2834, Painter Mine (mica) Jackson Co. N. C.

The Field Team concurs in the denial for assistance on the above two applications.

Sgd. Robert A. Laurence
Executive Officer, DMEA
Region 7

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

Received by
DMEA OPERATING COMMITTEE
3-16-53
(date)

Mr. Robertson

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

(Mica)

DMEA-2834, PAINTER MINE

Jackson County, N. C.

March 9, 1953

BY

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

-

-

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

Field Examination Report
on
DMEA-2834, PAINTER MINE (Mica)

Applicant: Glenda Mining Co. Inc., c/o Clyde M. Gilmore, Jr.
1417 Battleground Avenue, Greensboro, N.C.

This is an old mine which has been worked at various intervals for more than 50 years. Recently the Applicant has done a great deal of bulldozer work on the property and made unsuccessful attemps to drive some adits. The bulldozer work has destroyed the surface evidence of previous openings and disturbed the natural slope of the hillside, thus permitting the weathered rock to creep down the slope. Mr. Carl Buchanan, head buyer for the G.S.A's Spruce Pine Mica Depot, states that the mica received from this mine has been of poor quality and is very near non-strategic grade.

Furthermore, this mine is reported to have been "worked out" by local residents. Some basis for this opinion may be that no successful mining has been conducted on the property since about 1918. It is impossible to appraise the deposit in its present condition; however, the field examiners are of the opinion that the cost of exploring the deposit will be much greater than the value of any production, therefore, the request for exploration assistance should be denied.

This mine was examined on February 12 and March 4, 1953. Mr. P. E. Parker, representing the applicant, and mine foreman, accompanied the examiners. About six hours were spent on the examination.

The following is taken from a report by Richard H. Jahns:

"The Painter Mine is on the northwest flank of Robertson Mountain near the headwaters of Mill Creek and 2.9 miles S. 65° E. of Sylva. The mine, which is one of the largest in Jackson County, was probably opened before 1900, but most of the work was done before the 1941-1945 period. The oldest openings are two shafts with appended drifts, and a lower-level adit. Later a 175-foot adit was driven and a stope, 200 feet long, was carried to a depth of 40 feet below the adit level and to a height of 20 feet above it. These workings were completed by 1905, at which time the deposit was worked by a Mr. Tustin. Shortly thereafter, Mr. Garrett resumed operations. Between 1910 and 1940 at least four more adits and another shaft were made, all of which are now caved. Most of this work was done by B. C. Grindstaff from 1910 to 1912, and by Mr. Garrett from 1915 to 1918. The size of the dumps indicates that extensive work was done in pegmatite from many of the openings.

"About 1940 a crosscut was begun by the Works Progress Administration but no pegmatite was encountered. From November 1941 until January 1944 the depositwas worked intermittently by Phil Stovall and Chester C. Harris, who extended one of the inclines 60 feet and produced about $800.00 worth of mica."

" "The country rock is relatively fine-grained biotite gneiss, which is garnetiferous near the pegmatite contacts. The foliation strikes N. 35° W. and dips steeply southwest. The pegmatite body, which is nearly concordant to the gneissic structure, ranges in thickness from 8 to 10 feet throughout most of the deposit, but locally swells from a minimum of 2 feet to a maximum of 15 feet. The body contains a massive quartz core flanked by a wall zone composed of large blocks of microcline, plagioclase-quartz intergrowth with books of muscovite, and accessory biotite, tourmaline, garnet, and pyrite. Tourmaline occurs in black needles as much as 11 inches long and 1/4 inch in diameter. Large crystals of garnet are abundant, and many smaller crystals are associated with muscovite. Pods of "burr rock" occur locally in the wall zone."

"The best quality mica is said to have been obtained from the hanging-wall side of the deposit. Much mica also was found on the foot-wall side but the general quality was not as good. The mineral is light brown in color with a slightly greenish cast. About half of it is slightly specked and some sheets contain an unusual bluish stain that may be due to kaolin. A few books are heavily spotted and others are marked by "A" structure and ruling. Ribbons 15 inches long and 2 inches wide have been obtained. Although the deposit has been a source of large quantities of good quality mica in the past, its future is difficult to evaluate, because of the inaccessibility of the faces."

Since the above report was prepared by Jahns about 1945, the applicant has done a great deal of unnecessary stripping with a bulldozer. As mentioned previously this work has obliterated previous workings, thus as the mine is at present, accurate appraisal is impossible. Following bulldozing the hillside has begun to cave and "creep" has progressed approximately 200 feet up the steep hillside. At present an effort is being made to drive an adit through the caved ground, but after every heavy rain the work has to be started over.

It is reported that the applicant has spent about $18,000.00 on the recent work. About 48 pounds of mica was sold from this work and a little is on hand in book form. That now available for inspection is "A", biotite specked, bent, cracked, badly clay stained, and about 50% is of non-ruby color.

There is no reason to assume that a project with Government assistance will be more successful than the one conducted by the applicant.

Furthermore, the unstable ground will make any future work very unsafe; therefore, the field examiners recommend that the request for exploration assistance be denied.

March 9, 1953

K. H. Teague, Geologist
U. S. G. S.

L. E. Shirley, Mining Engineer
U. S. B. M.

zm

FILE COPY
SURNAME:

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

Robertson
Houk
Hedges
Kendall
Schmidt

FEB 5 1953

Mr. Clyde M. Gilmore, Jr., President
Glenda Mining Company, Inc.
1417 Battleground Avenue
Greensboro, North Carolina

Subject: Docket No. DMEA-2834 - Mica
Painter Mine
Jackson County, North Carolina

Dear Mr. Gilmore:

Your application for assistance in exploring the Painter Mine in Jackson County, North Carolina, has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for field examination.

The Regional Office will contact you at an early date in regard to the examination of your property. Any assistance that you can give the members of the field team during the examination will be appreciated.

J. C. 2/5/53

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

JTRobertson: gad 2/4/53

Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Norton, G-232 GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

FILE COPY
SURNAME:

Robertson
Hook
Selfridge

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

FEB 5 1953

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region VII
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Docket No. DMEA-2834 - Mica
Painter Mine
Jackson County, North Carolina

Dear Mr. Laurence:

A field team examination of the subject property is requested. Memoranda by Mr. W. F. Dietrich, USBM, and Mr. J. J. Norton, USGS, are enclosed for your information and for your file on this application.

We advise that the applicant did not furnish "four copies of Owner's Consent to Lien", as stated in the application, and therefore, they should be requested to furnish them, particularly, if an exploration project contract is recommended.

J. C. 2/5/53

Sincerely yours,

George C. Selfridge (JHB)

Chairman, Operating Committee

Approved:

H. Hedges (JHB)

Member, Bureau of Mines

A. R. Kinkel, Jr. (JHB)

Member, Geological Survey

Enclosures: 2

JTRobertson:gad 2/4/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Norton, G-232 GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1953

January 27, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2834, Mica, Painter Mine, Jackson County, North Carolina

Bureau of Mines records indicate the applicant on November 7, 1952 sold 4,862 pounds of mica (14.10 pounds Good Stained and Better, 28.95 pounds Stained, and 5.57 pounds Heavy Stained) from the Painter Mine to the Government Mica Purchasing Depot at Spruce Pine, North Carolina.

Geological Survey (Professional Paper No. 225, p. 81) tested 65 pieces of mica from the Painter Mine indicating 100 percent of E-1 capacitor quality and color was classed as cinnamon brown, generally acceptable as ruby mica. A field team investigation is recommended.

W F Dietrich

W. F. Dietrich

Enclosures

IN REPLY REFER TO:

G-MD-CNM

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

January 7, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 9 1953

Memorandum

REVIEW OF APPLICATION DMEA-2834 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration.
From: J. J. Norton, U. S. Geological Survey
Applicant: Glenda Mining Company
Name of property: Painter Mine
Location of property: 2.9 miles S. 65° E. of Sylva, in Jackson County, North Carolina
Estimated cost of project: $56,900.
Summary of applicant's proposal:
1) 2 adits
2) 1 shaft
3) Open cut and drift

Sources of information on applicant's property:
1) Attached report on the Painter mine from unpublished U.S.G.S. Professional Paper on Blue Ridge pegmatites by R. H. Jahns and others. No copy of the map is available.
2) Sterrett, D. B., 1923, Mica deposits of the United States, U.S.G.S. Bull. 740, pp. 199-200.
3) Jahns, R. H., and Lancaster, F. W., 1950, Physical characteristics of commercial sheet muscovite in the southeastern U. S., U.S.G.S. Professional Paper 225, p. 81.
4) Colonial Mica Corporation's records on the Painter mine.

Comments:

According to all reports, the deposit has been a source of large quantities of good quality mica in the past. During World War II, however, only $819.20 worth of mica was produced. On the other hand, L. M. Otis at the Munitions Board reports that the recent operators have obtained very encouraging results.

RECOMMENDATION:

Field examination.

J. J. Norton

J. J. Norton

Painter mine

The Painter mine, which is on the northwest flank of Robertson Mountain near the headwaters of Mill Creek and 2.9 miles S. 65° E. of Sylva, is owned by R. U. Garrett, Sr. The mine, which is one of the largest in Jackson County, was probably opened before 1900, but most of the work was done before the 1941-1945 period. The oldest openings are two shafts with appended drifts, and a lower-level adit. Later a 175-foot adit was driven and a stope, 200 feet long, was carried to a depth of 40 feet below the adit level and to a height of 20 feet above it. These workings were completed by 1905, at which time the deposit was worked by a Mr. Tustin. Shortly thereafter Mr. Garrett resumed operations. Between 1910 and 1940 at least four more adits and another shaft were made, all of which are now caved. Most of this work was done by B. C. Grindstaff from 1910 to 1912, and by Mr. Garrett from 1915 to 1918. The size of the dumps indicates that extensive work was done in pegmatite from many of the openings (fig.).

Figure . Map of Painter mine.

About 1940 a crosscut was begun by the Works Progress Administration but no pegmatite was encountered. From November 1941 until January 1944 the deposit was worked intermittently by Phil Stovall and Chester C. Harris, who extended one of the inclines 60 feet.

The country rock is relatively fine-grained biotite gneiss, which

is garnetiferous near the pegmatite contacts. The foliation strikes N. 35° W. and dips steeply southwest. The pegmatite body, which is nearly concordant to the gneissic structure, ranges in thickness from 8 to 10 feet throughout most of the deposit, but locally swells from a minimum of 2 feet to a maximum of 15 feet. The body contains a massive quartz core flanked by a wall zone composed of large blocks of microcline, plagioclase-quartz intergrowth with books of muscovite, and accessory biotite, tourmaline, garnet, and pyrite. Tourmaline occurs in black needles as much as 11 inches long and 1/4 inch in diameter. Large crystals of garnet are abundant, and many smaller crystals are associated with muscovite. Pods of "burr rock" occur locally in the wall zone.

The best quality mica is said to have been obtained from the hanging-wall side of the deposit. Much mica also was found on the footwall side but the general quality was not as good. The mineral is light brown in color with a slightly greenish cast. About half of it is lightly specked and some sheets contain an unusual bluish stain that may be due to kaolin. A few books are heavily spotted and others are marked by "A" structure and ruling. Ribbons 15 inches long and 2 inches wide have been obtained. Although the deposit has been a source of large quantities of good quality mica in the past, its future is difficult to evaluate, because of the inaccessibility of the faces.

January 6, 1953

Mr. Clyde M. Gilmore, Jr.
Glenda Mining Company, Inc.
1417 Battleground Ave.
Greensboro, N. C.

Subject: DMEA-2834
Re: Exploration Assistance
Painter Mine

My dear Mr. Gilmore:

The receipt of your application dated December 24, 1952 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2834 and referred to the Nonmetallic Minerals Division

Kindly refer to DMEA-2834 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams, Chief
Operation's Control and
Statistics Division

25451

Glenda Mining Company, Inc.

1417 BATTLEGROUND AVENUE
GREENSBORO, NORTH CAROLINA

MINES: NEAR SYLVA, N. C.
JACKSON COUNTY

December 19, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1953

Defense Minerals Exploration Administration
Department of The Interior
Washington 25, D. C.

Gentlemen:

We are enclosing four copies of Form MF-103 application for aid in an exploration project pursuant to DMEA Order #1, under the Defense Production Act of 1950, as ammended.

We are also enclosing four copies of Owner's Consent to Lien, four photostat copies of Purchase Agreement of mineral rights, four copies of Deed of Trust, four copies of vertical section of mine property, four copies of plan section of mine property.

We trust that this application is in order, and will be glad to furnish anyadditional information required.

Yours very truly,

GLENDA MINING COMPANY

By Clyde M. Gilmore Jr.
Clyde M. Gilmore, Jr.

CMG Jr./jm
Enclosures

P.S.

Owner's Consent to Lien had not been completed as of this date and will be furnished later.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved
Budget Bureau No. 42-R1035.2.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2834
Metal or Mineral
Date Received 1/5/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Glenda Mining Company, Inc.-1417 Battleground Ave., Greensboro, N. C.-President: Clyde M. Gilmore, Jr. - Secretary: Walter R. Huck, 7 Hillside Ave., Tenafly, N. J. - Treasurer: Harry Friedman, 328 W. 145th St., N. Y. C. - Chairman of Board: Dr. Robt. Lederfeind, 328 W. 145th St., N. Y. C.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized. Incorporated in the State of N. C.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Four copies of Owner's Consent to Lien attached. Four copies photostat of purchase agreement of mineral rights to this property, together with legal description. (Will be furnished later)

(*b*) State any mine name by which the property is known. Painter Mine

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Purchase Under Contract. Four copies of Deed of Trust and Purchase Agreement attached.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Deed of Trust - Four copies attached.

(*e*) If you own the land, describe any liens or encumbrances on it See item 3-a above.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. None

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See attached sheet and sketch.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. See attached sheet and sketch.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See attached sheet and sketch.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

See attached sheet and sketch.

(b) Past production was substantial but quantity unknown. Samples from current exploration have been full-trimmed and sold to the buying station at Spruce Pine. There are no ore reserves.

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore We wish to explore for strategic ruby mica.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 10 days and be completed within 20 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. None

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

(See attached sheet)

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? yes

(*b*) How do you propose to furnish your share of the costs? (See attached sheet)

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated December 24, 1952

Glenda Mining Company, Inc.

By: Clyde M. Gilmore Jr.

Clyde M. Gilmore, Jr.

President

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—66551-1

Supplemental Data for Form No. 103

4-a Description

1. The past history of the Painter Mine-was worked intermittently from 1912 to 1924, using old type methods, and without modern equipment. At the present time we are conducting exploration of the mine property with a view of determining the location of the vein material. This exploration is being conducted by us at our expense. Old workings are not accessible at the present time. Exploration by open cut bulldozing by us is available by us. (See attached sketch for explanation.)

b. Past production from 1912 to 1924 varied from 200 pounds per day to 3,000 pounds per day, with old style equipment. At the present time current production is extremely variable since the mica obtained is incidental to exploration operations. The known ore reserves have not been determined.

c. Geologic features of property - Typical pegmatite vein in schest. This mine gives evidence of good prospects of containing substantial amounts of ruby mica. (See attached sketch.)

d. Accessibility - The mine is located two miles off paved highway, NC #107, on a State maintained, all weather, graveled road, to mine property. Shipping point is Sylva, North Carolina, a distance of four miles, two miles state improved road, two miles, NC #107 paved road, with railway express, railway freight, and motor freight available at Sylva. Supply and residence points are all local, within the immediate area of Sylva, North Carolina.

e. Experienced mica miners are available in as large a number as needed, and mining materials and supplies are available at Sylva, North Carolina. Delivery on equipment, such as air compressors, hoists, and other mining equipment is immediate from local distributors. Adequate water and power are available on and adjacent to the property for any eventual need.

5-b We propose to test this mine at 3 points to determine the location and probable amount of strategic ruby mica available for mining. (See sketch attached.)

d. Glenda Mining Company has in its employ the following:

General Manager on location: Mr. Joseph J. Bryson. A native to the region and experienced in mica mining since a boy.

Mr. F. E. Parker - A native to the region, and an experienced mica miner.

Mr. Dave Bryson - A native to the region and a mining foreman for the past 20 years.

6. Estimate of Cost -

a. Independent contract - Bulldozer, dragline, shovel work, to remove over-burden over prospective locations, and to open up old tunnels to determine the amount of vein material left unworked because of adverse conditions when mine was operated in 1924.
600 hrs. @ $12.00 per hr. ----------$7,200.00 — 7,200.00

b. Mining Labor - 12 miners @ $40.00 per week at $1.00 per hr., $480.00 per week for an estimated ten months ---------- 19,200.00

Labor mining foreman - $1.25 per hr. - $50.00 per week, each for a total of $100.00 per week, for ten months ---------- 4,000.00

1 Mining Engineer Consultant during the period of work ---------- 2,000.00 — 25,200.00

c. Operating Material and Supplies -

1. Gasoline for air compressors and hoist $60.00 per week, $240.00 per month ------ 2,400.00

2. Drilling steel and sharpening of same $25.00 per week, $100.00 per month, per 10 months ---------- 1,000.00

3. Dynamite, exploders, batteries, and blasting materials - $20.00 per week, $80.00 per month ---------- 800.00

4. Small tools - picks, shovels, sacks, etc., $20.00 per week, $80.00 per month ---------- 800.00

5. Timbering material - Lumber, and timbers to timber prospecting tunnels and shafts, $50.00 per week, $200.00 per month ------ 2,000.00 — 7,000.00

d. Operating equipment to be rented - 3 #105 capacity air compressors @ $250.00 each per month, for 10 months ---------- 7,500.00

3 double drum hoists, rented @ $100.00 per month each. $300.00 per month ---------- 3,000.00

2 water evaquation pumps, rented @ $50.00 per month, $100.00 for 10 months ----- 1,000.00

Other equipment, such as mining cars, tracking for cars, etc., as needed.

1 1½ ton truck for hauling of mining supplies, and transportation of miners. Rented - $200.00 per month, 10 months -------- 2,000.00

12,500.00

f. None needed, except blacksmith tool shop shed for maintaining equipment ---------- 500.00

g. Miscellaneous -

1. Repairing maintenance of rented equipment, such as air compressors, hoists, etc., $50.00 per week, $200.00 per month ----------2,000.00

2. Accounting - $50.00 per month, for 10 months ---------- 500.00

3. Workmen's Compensation - Employee's liability insurance - $100.00 per month, 10 months ----------1,000.00

4,000.00

4. Payroll taxes - included in section "b" above.

h. Contingencies - Estimated ten percent of above total. ---------- ?

$55,900.00

7. b - The Glenda Mining Company as a Corporation, Chartered under the laws of the State of North Carolina, paid in capital for stocks subscribed is on deposit at our bank in Englewood, New Jersey for the Company's share of the cost of this proposed exploration project.

NORTH CAROLINA,
JACKSON COUNTY.

THIS DEED OF TRUST, made this the 22nd day of November, A. D., 1952, by and between, GLENDA MINING COMPANY, INCORPORATED, a corporation duly chartered, organized and existing under and by virtue of the laws of the State of North Carolina, with its principal office and place of business in the city of Greensboro, Guilford County, North Carolina, party of the first part, and W. J. FISHER, TRUSTEE, of Jackson County, North Carolina, party of the second part, and R. U. GARRETT and ROSE GARRETT HAIR, of Jackson County, North Carolina, parties of the third part:

WITNESSETH, for that whereas, the party of the first part, is indebted to said parties of the third part, in the sum of TEN THOUSAND ($10,000.00) DOLLARS, for which the said party of the first part has executed and delivered to said parties of the third part, as aforesaid its two notes of even date with this Deed of Trust, in said sum of TEN THOUSAND ($10,000.00) DOLLARS, payable as follows: One note in the amount of FOUR THOUSAND ($4,000.00) DOLLARS, due and payable on Feburary 23, 1953, and one note in the amount of SIX THOUSAND ($6,000.00) DOLLARS due and payable on the 23rd day of August, 1953, with interest from date, at the rate of 6% per annum, payable on each note at its maturity date hereafter, and it has been agreed that the payment of said notes shall be securred by the conveyance of the land hereinafter described:

THEREFORE, in consideration of the premises and for the purpose aforesaid, and for the sum of ONE ($1.00) DOLLAR, to the party of the first part, paid by the party of the second part, said GLENDA MINING COMPANY, INCORPORATED, has bargained, sold, given, granted and conveyed, and by these presents does bargain, sell, give, grant and convey to said W. J. FISHER, Trustee, his successors, heirs and assigns, all those certain pieces, tracts or

parcels of land, situate, lying and being in Jackson County, North Carolina, more particularly bounded and described as follows:

FIRST TRACT: All the mineral interests, mica Feldspar, Kaolin, Gold, Silver and all other minerals and mineral interests of whatsoever nature, in, on, under and upon the following tract or parcel of land, lying and being in Webster Township, Jackson County, N. C., and more particularly described as follows:

BEGINNING on a large beech tree near where a mica house stands near a small branch and runs South 62 degrees East 42 poles to a small chestnut tree; thence N. 26 degrees East 6 poles to a hickory tree; thence South 68 degrees East 47 poles to a small hickory tree on top of the mountain; thence South 40 degrees West with the top of the mountain 22 poles to a large pine tree where the mountain forks; thence _____ 67 degrees West with the top of the ridge 34 poles to a sassafras tree on the point of the ridge; thence North 71 degrees West with the ridge 34 poles to a blackgum tree near a large chestnut tree; thence North 64 degrees West with the ridge 12 poles to a large black oak tree in the gap of the ridge; thence North 22 degrees East 52 poles to the BEGINNING.

SECOND TRACT: An estate in fee simple in and to the following tract: [illegible] at a chestnut at second corner of tract above described, and runs S. 62 degrees East [illegible] poles to a stake; thence South 29 degrees West 25½ poles to a stake; thence North 62 degrees West 28 poles to a stake; thence North 28 degrees East 25 poles to the BEGINNING.

THIRD TRACT: BEGINNING in the line of No. 12 below the road near the grave yard and near the gate below J. T. Painter's home, and runs in direction of the North Car. Mining Mfg. Co.'s Mica Mine with the fence to a double walnut; thence to a large white oak on bank of branch; thence with the fence to a very large chestnut; thence to a beech tree; the beginning of the Mica tract belonging to the North Car. Mining Mfg. Co.; thence with the line of said North Car. Mining Mfg. Co.'s land to the top of the ridge; thence down the ridge to the line of No. 12; thence with the line of No. 12, to the BEGINNING, containing 25 acres more or less.

The above three tracts of land being and comprehending the tracts designated as first tract, second tract and seventh tract, fully described in, and conveyed by a deed dated, May 21, 1938, executed by R. A. McDonald and wife, Anita C. McDonald to R. U. Garrett, which deed is recorded in the office of the Register of Deeds of Jackson County, North Carolina, in Book 129, at Page 598.

It is the intention and purpose of this deed to convey all minerals of any kind whatsoever, as well as all necessary mining rights, in tracts above designated as first tract and third tract, and the fee

simple, title to the tract above designated as second tract.

TO HAVE AND TO HOLD said property, with all rights, privileges and appurtenances, thereunto belonging, to him said W. J. FISHER, Trustee, his successors, heirs, and assigns, upon the trusts and for the uses and purposes following, and none other, that is to say:

If the said Party of the first part shall fail or neglect to pay the interest on said bond as the same, or any installment thereof, may hereafter become due, or both principal and interest, or any part thereof, at the maturity of the same, renewals in part or in whole thereof, then, upon said whole or partial default as aforesaid, the whole amount shall immediately become due and payable, and on application of said parties of the third part or their assignee, or other person who may be entitled to the moneys due thereon, it shall be lawful for and the duty of the said, W. J. FISHER, Trustee, to advertise in some newspaper published in said county, or by poster if there be no newspaper, the aforesaid land for a time not less than thirty days, therein appointing a day and place of sale, and at such time and place to expose said lands at public sale to the highest bidder for cash, to pay said debt and interest and the cost and expenses of sale, and upon such sale to convey title to the purchaser; said W. J. FISHER, Trustee, first retaining the usual compensation received by trustees for making such sale, and out of the proceeds of such sale shall apply so much of the residue as may be necessary to pay off and discharge said bonds or renewals thereof, all interest then accrued and due thereon, and shall pay the surplus, if any remain, to said party of the first part.

AND IT IS STIPULATED AND AGREED that if the said party of the first part shall pay off said bonds or renewals thereof and interest and discharge in full the trusts herein declared, this

deed shall be null and void; otherwise to be in full force and virtue. And the said party of the first part, covenant to and with the parties of the second and third parts hereto that they are seized in fee simple of the above described premises, that the same are free from all encumbrances, and that they will forever warrant title to same against all claims.

IN TESTIMONY WHEREOF, the said party of the first part has caused these presents to be executed in its Corporate name by its President thereunto duly authorized and the Corporate Seal hereunto affixed and attested by its Secretary, all by order of its Board of Directors, on this the day and year first above written.

GLENDA MINING COMPANY, INCORPORATED

BY C. M. GILMORE, Jr.
President

ATTEST:

WALTER R. HUCK
Secretary

NORTH CAROLINA,
JACKSON COUNTY.

I, Hugh E. Monteith, a Notary Public of Jackson County, North Carolina, do hereby certify that on this the 22nd day of November, 1952, personally appeared before me, Clyde M. Gilmore, Jr., with whom I am personally acquainted, who being by me duly sworn, says that he is the President and that Walter R. Huck is the Secretary of CLYDE MINING COMPANY INCORPORATED, the Corporation described in and which executed the foregoing Deed of Trust; that he knows the common seal of said Corporation, and that the seal affixed to the foregoing Deed of Trust, is said common seal of said Corporation; that the name of the Corporation was subscribed thereto by said President and Secretary and that they subscribed their names thereto and said common seal was affixed, all by order of the Board of Directors of said Corporation, and that the said instrument is the act and deed of said Corporation.

WITNESS my hand and Notarial seal, this the 22nd day of November, 1952.

/s/ HUGH E. MONTEITH
NOTARY PUBLIC OF NORTH CAROLINA

MY COMMISSION EXPIRES:

June 11, 1954

NORTH CAROLINA,
JACKSON COUNTY.

I, Margaret W. Henson, Clerk of the Superior Court of Jackson County, North Carolina, do hereby certify that the foregoing certificate of Hugh E. Monteith, a Notary Public of Jackson County, North Carolina, duly authenticated by his Notarial Seal thereto affixed, is by me this day adjudged to be correct, in due form, and according to law, and said deed is by me this day adjudged to have been duly acknowledged.

Therefore let said deed, with said certificate, and this certificate be duly registered.

Given under my hand this the _____ day of November, A. D., 1952.

CLERK OF THE SUPERIOR COURT OF
JACKSON COUNTY, NORTH CAROLINA

NOTE

$4,000.00

Sylva, North Carolina
November 22, 1952

On or before Feburary 23, 1953, GLENDA MINING COMPANY, INCORPORATED, promises to pay to the order of F. H. GARRETT and ROSE GARRETT HAIR, the sum of FOUR THOUSAND DOLLARS, with interest from date, at the rate of 6% per annum, until paid.

This note is secured by Deed of Trust of even date herewith.

IN WITNESS WHEREOF, the said GLENDA MINING COMPANY, INCORPORATED, has caused this note to be executed in its Corporate name, by its President thereunto duly authorized and the Corporate seal thereto affixed and attested by its Secretary, all by order of its Board of Directors.

GLENDA MINING COMPANY, INCORPORATED

BY C.M. GILMORE, JR.
President

ATTEST:

WALTER R. HUCK
Secretary

NOTE

$6,000.00

Sylva, North Carolina
November 22, 1952

On or before August 23, 1953, GLENDA MINING COMPANY, INCORPORATED, promises to pay to the order of A. W. GARRETT and ROSE GARRETT WAIF, the sum of SIX THOUSAND DOLLARS, with interest from date at the rate of 6% per annum until paid.

This note is secured by Deed of Trust of even date herewith.

IN WITNESS WHEREOF, the said GLENDA MINING COMPANY, INCORPORATED, has caused this note to be executed in its Corporate name, by its President thereunto duly authorized and the Corporate seal thereto affixed and attested by its Secretary, all by order of its Board of Directors.

GLENDA MINING COMPANY, INCORPORATED

BY C. M. GILMORE, JR.
President

ATTEST:

WALTER R. HUCK
Secretary

NORTH CAROLINA,
JACKSON COUNTY.

THIS CONTRACT, made and entered into this the 23rd day of August, 1952, by and between R. U. GARRETT and wife, J. S. GARRETT and ROSE GARRETT HAIR, all of Jackson County, North Carolina, parties of the first part, and JOSEPH J. BRYSON and C. M. GILMORE, JR. of Guilford County, North Carolina, parties of the second part:

WITNESSETH, that whereas, the parties of the first part are now the owners of the mineral interests hereinafter described, and have agreed to sell said mineral interests to the parties of the second part upon the terms and conditions hereinafter set forth:

NOW, THEREFORE, in consideration of the premises and the sum of One ($1.00) Dollar to each of the parties hereto mutually paid by the other, and in further consideration of the stipulations and agreements hereinafter set forth to be performed by each of the parties hereto, it is hereby mutually agreed:

1. The parties of the first part do hereby agree that they will, at any time within sixty days from the date of this agreement, make, execute and deliver to the parties of the second part or their heirs and assigns, upon the conditions hereinafter set forth, a good and sufficient deed for the following described premises:

> All the mineral interests, mica, feldspar, kaolin, gold, silver, and all other minerals and mineral interests of whatsoever nature, in, on, under and upon the following tract or parcel of land, lying and being in Webster Township, Jackson County, N. C., and more particularly described as follows:
>
> BEGINNING on a large beech tree near where a mica house stands near a small branch and runs South 62 deg. East 42 poles to a small chestnut tree; thence N. 26 deg. East 6 poles to a hickory tree; thence South 68 deg. East 47 poles to a small hickory tree on top of the mountain; thence South 40 deg. West with the top of the mountain 22 poles

to a large pine tree where the mountain forks; thence _____ 67 degs. West with the top of the ridge 34 poles to a sassafras tree on the point of the ridge; thence North 71 degs. West with the ridge 34 poles to a blackgum tree near a large chestnut tree; thence North 64 degs. West with the ridge 12 poles to a large black oak tree in gap of the ridge; thence North 22 degs. East 52 poles to the BEGINNING.

SECOND TRACT: BEING the second tract described in a deed dated May 21, 1938, executed by R. A. McDonald and wife, to R. U. Garrett and wife, which deed is recorded in Jackson County, North Carolina, in book 129, at page 598.

THIRD TRACT: BEING the SEVENTH tract described in a deed dated May 21, 1938, executed by R. A. McDonald and wife, to R. U. Garrett and wife, which deed is recorded in the office of the Register of Deeds for Jackson County, North Carolina, in Book 129, at page598.

Reference is hereby made to said deed for a complete description of the second and thirs tracts by metes and bounds.

4. Said parties of the second part or their heirs and assigns shall have the right to enter upon said premises immediately and prospect for, dig and remove minerals from said lands

3. That if said parties of the second part or their heirs and assigns shall exercise their right under this contract to purchase said premises, they agree to pay to the parties of the first part the sum of Twelve Thousand ($12,000.00) Dollars, as the purchase price of said premises, to be paid as follows: Two Thousand ($2,000.00) Dollars at the time of the delivery of the deed; $4,000.00 on or before February 23, 1953 and $6,000.00 on or before August 23, 1953, said deferred payments to bear interest at the rate of six per cent per annum after the date of the delivery of the deed, and are to be secured by a first deed of trust on said lands and premises.

4. All rights granted under this contract to the parties of the second part shall cease and be at an end on October 23, 1952, and if said parties of the second part have not before said date exercised their right to purchase said lands and premises and paid said sum of $2,000.00 on the purchase price thereof, they shall not thereafter have the right to purchase the same under this contract and will immediately deliver posession of said lands and premises to the parties of the first part and will pay to the parties of the first part fifteen (15) per cent of the purchase price received for all minerals removed from said land, to be known as royalty thereon. The parties of the first part convey the fee in the second tract but as to the first and third tracts said parties of the first part only agree to convey the minerals

NORTH CAROLINA,
GUILFORD COUNTY.

I, [illegible], a Notary Public of Guilford County, North Carolina, do hereby certify that Joseph J. Bryson and C. M. Wilmore, Jr. each personally appeared before me this day and acknowledged the due execution by them of the foregoing contract for the purposes therein stated.

WITNESS my hand and Notarial Seal, this the 13 day of ~~August~~ September, 1951.

NOTARY PUBLIC

MY COMMISSION EXPIRES:
Nov. 23 - 1953

* * *

NORTH CAROLINA,
GUILIFORD COUNTY.

I, Jessie C. Foster, a Notary Public of Guiliford County, North Carolina, do hereby certify that Joseph J. Bryson and C. M. Gilmore, Jr. each personally appeared before me this day and acknowledged the due execution by them of the foregoing contract for the purposes therein stated.

WITNESS my hand and Notarial Seal, this the 13 day of ~~August~~ September, 1952.

Jessie C. Foster
NOTARY PUBLIC

MY COMMISSION EXPIRES:
Nov. 23. 1953

* * *

NORTH CAROLINA
JACKSON COUNTY

The foregoing certificates of Evelyn M. Waters, a Notary Public of Jackson County, North Carolina; and Jessie C. Foster a Notary Public of Guilford County, North Carolina, each attested by their Notarial seals, are adjudged to be correct and in due form according to law.

Let the instrument with the certificates be registered.

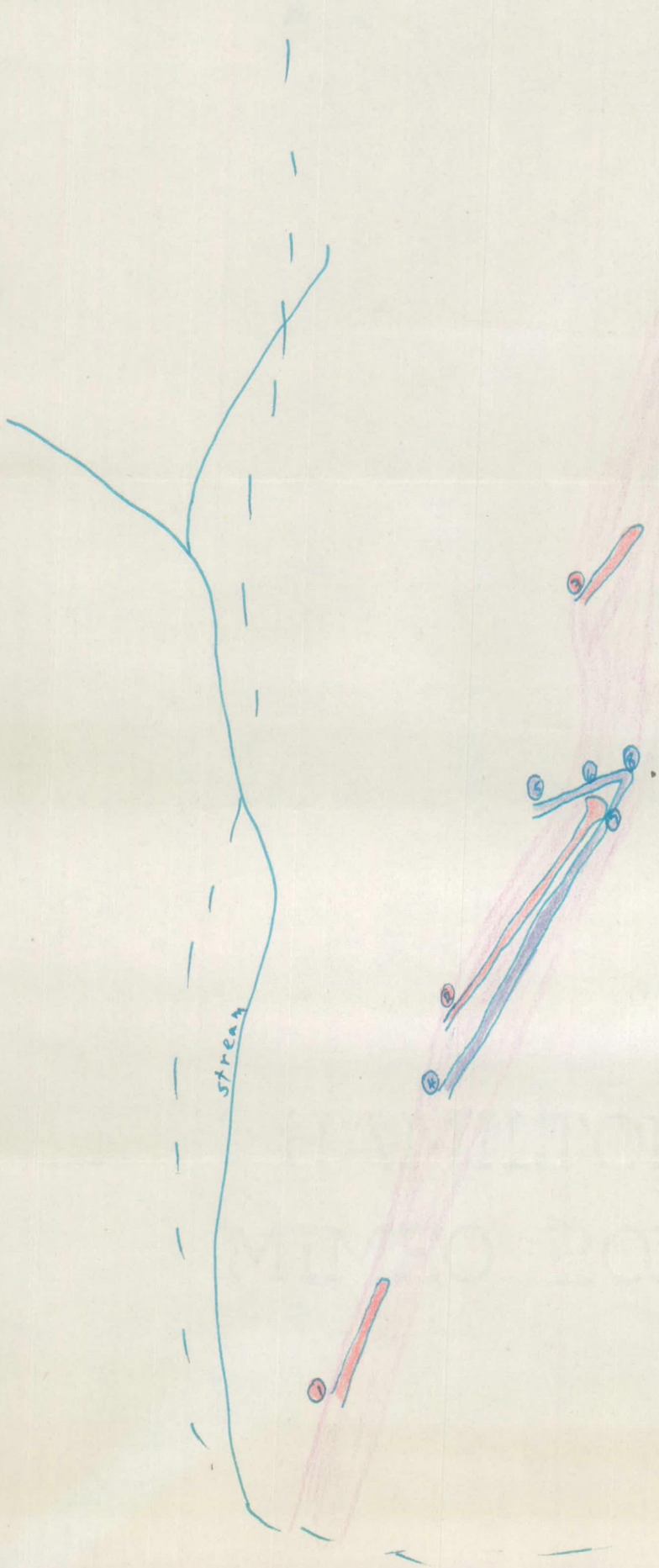
This the 22 day of September, 1952.

Marion M. Sherrill
CLERK, SUPERIOR COURT.

ll Mch-2834

(1) Old tunnel (prior to 1900) inaccessible at present
(2) Old tunnel operated 1912-1924. Productive then. Inaccessible from surface Now.
(3) Old tunnel, 1924-Productive then; inaccessible now.
(4) Proposed new exploration tunnel and drainage tunnel for (5) out cropping of vein material. At point (4) follow vein to point (8).
(5) Out cropping of vein material. Propose to open cut to point (5) to determine direction of vein and follow vein material to point (6) face of old workings said to be rich in material.

(7) Sink shaft to point (7) on vein and continue to point (8).
(8) Believed to be richest deposit area.
(9) Out cropping of vein material. Drive tunnel to determine if mica present and amount.



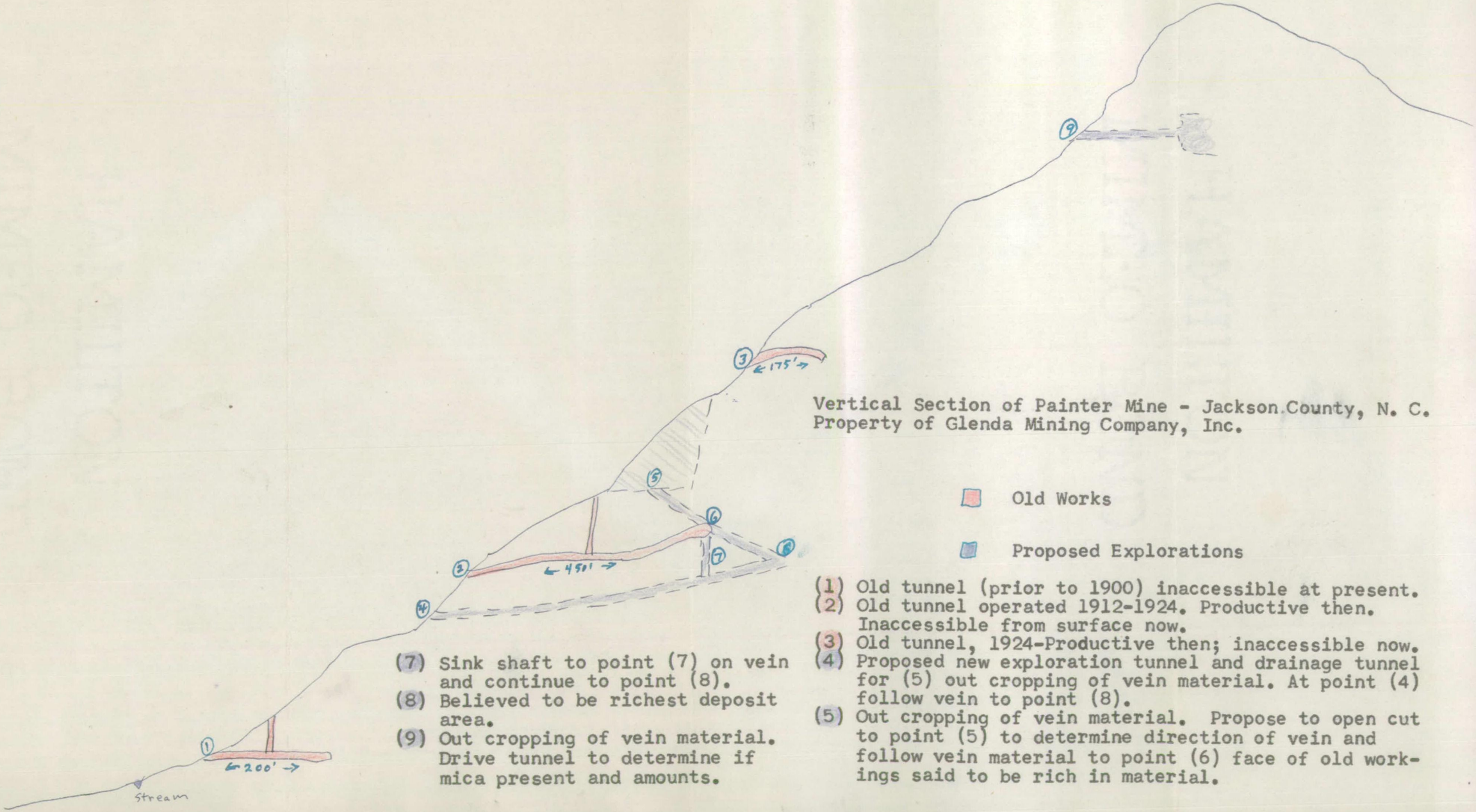
Plan View of Painter Mine
Jackson County, N. C.
Property of Glenda Mining Company, Inc.

Indicated pegmatite vein body

Old Workings

Proposed Explorations

Amer - 28 34



Vertical Section of Painter Mine - Jackson County, N. C.
Property of Glenda Mining Company, Inc.

Old Works

Proposed Explorations

(1) Old tunnel (prior to 1900) inaccessible at present.
(2) Old tunnel operated 1912-1924. Productive then. Inaccessible from surface now.
(3) Old tunnel, 1924-Productive then; inaccessible now.
(4) Proposed new exploration tunnel and drainage tunnel for (5) out cropping of vein material. At point (4) follow vein to point (8).
(5) Out cropping of vein material. Propose to open cut to point (5) to determine direction of vein and follow vein material to point (6) face of old workings said to be rich in material.
(7) Sink shaft to point (7) on vein and continue to point (8).
(8) Believed to be richest deposit area.
(9) Out cropping of vein material. Drive tunnel to determine if mica present and amounts.

Vertical Section of Painter Vein - Jackson County, N. C.
Property of Cienda Mining Company, Inc.

Old Works

Proposed Explorations

(1) Old tunnel (prior to 1900) inaccessible at present.
(2) Old tunnel operated 1912-1924. Productive then.
Inaccessible from surface now.
(3) Old tunnel. 1924-Productive then; inaccessible now.
(4) Proposed new exploration tunnel and drainage tunnel for (5) out cropping of vein material. At point (4) follow vein to point (8).
(5) Out cropping of vein material. Propose to open cut to point (5) to determine direction or vein and follow vein material to point (6) face of old workings said to be rich in material.
(6) Sink shaft to point (7) on vein and continue to point (8).
(7) Believed to be richest deposit area.
(8) Out cropping of vein material. Drive tunnel to determine if mica present and amounts.

54

FROM:
Glenda Mining Co., Inc.
1417 Battleground Ave.
Greensboro, N.C.

WASHINGTON
JAN 2
5 PM
1953

4

UNITED STATES POSTAGE
50 CENTS 50

UNITED STATES POSTAGE
4 CENTS 4

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

First Class

1 cy. each 2 maps enclosed

1/6/53

Photostat – { 1 cy Purchase Agreement mineral rights
1 cy Deed of Trust