DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3035

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.

COPIES TO USBM, USGS AND RETAINED IN REG. VII.

Routing Slip

To:	Code 600, Rm. 4637	Date	5/13/53
To:	~~[illegible]~~	Date	~~[illegible]~~
To:	Feitler	Date	5/18/53
To:	[illegible]	Date	[illegible] 16 [illegible]
To:	Code 600	Date	9/17/53
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DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:

Anderson
Houk
Larrabee
Hedges
Lefkowitz
Jefferson

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

NOV 10 1953

G. W. Hanna and Associates
P. O. Box 7[illegible]
Clanton, Alabama

Re: Docket No. [illegible]-3035 - [illegible]
Fitzpatrick Property
Chilton County, Alabama

Gentlemen:

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

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

Careful study of all our information, although noting a small amount of [illegible] on your property, 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

WCAnderson:gd 11/6/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Operating Committee
Mr. Houk

RCB. 11-10-53

FILE COPY
SURNAME:

Anderson
Houk

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

November 6, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and closing review.
Docket No. DMEA-3035 - Mica
Property: Fitzpatrick Property,
Chilton County, Alabama
Located in the N.W.¼, N.W.¼, Sec.20,
T.22 N., R.16 E., about 15 miles
North of Clanton, Alabama.
Applicant: G. W. Hanna and Associates.
Amount requested: $23,944.75
No contract: Application denied.

Denial letter: Copy of denial letter is attached.

Docket Summary:

5/13/53 Received application, Form MF-103.
5/13/53 Receipt of application acknowledged.
5/29/53 Received memo from D. M. Larrabee, USGS, recommending referral to Field Team after additional information has been received from applicant.
6/15/53 Received memo from W. F. Dietrich, USBM, recommending field examination.
9/17/53 Referral letter to field.
10/16/53 Received Report of Examination by Field Team, Region VII. Authors: K. H. Teague, J. F. O'Neill and H. D. Pallister. The field team is in agreement on denial of application.
10/21/53 Received memo from D. M. Larrabee, USGS, concurring with field team's recommendation.
10/30/53 Received memo from D. A. Irving, USBM, concurring with field team's recommendation.

Resume:

There are two pegmatites at this place that have been rather thoroughly explored. The Field Team's report reveals that both pegmatites are lean in mica, and nearly all of the mica is

R. Ch.
11-10-53

of scrap size. The mica is hard, clear, and ruby colored. All is "A" mica and a large amount is "wedge-A". The following is a summary quotation from the Field Team's report:

> "The ambitious exploration program requested by the applicant is not justified. The only possibility for this property is to work it for scrap, and then only by a small operation. No exploration assistance is justified."

<u>Comments and recommendation:</u>

The report by the Field Team clearly indicates there is no justification for an exploration contract at this property. The Nonmetallic Minerals Division recommends that the application for exploration assistance should be denied.

Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 11/6/53

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

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

November 6, 1953

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Resume:

There are two pegmatites at this place that have been rather thoroughly explored. The Field Team's report reveals that both pegmatites are lean in mica, and nearly all of the mica is

of scrap size. The mica is hard, clear, and ruby colored. All is "A" mica and a large amount is "wedge-A". The following is a summary quotation from the Field Team's report:

> "The ambitious exploration program requested by the applicant is not justified. The only possibility for this property is to work it for scrap, and then only by a small operation. No exploration assistance is justified."

Comments and recommendation:

The report by the Field Team clearly indicates there is no justification for an exploration contract at this property. The Nonmetallic Minerals Division recommends that the application for exploration assistance should be denied.

Walter C. Anderson
Nonmetallic Minerals Division

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

RECEIVED
OCT 30 1953

October 29, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3035, Mica

Applicant: Alco Mica Company
Property: Fitzpatrick, Chilton County, Alabama
Date of Field Team Report: October 12, 1953
Field Team's Recommendation:

1. Denial of application.

Comments:

1. To date, about 90 percent of the mica recorded has been scrap mica.
2. All the mica is "A" mica or "wedge-A"

Recommendation:

"Denial" of the application on the basis that the mica is of poor quality and mostly scrap.

Donald R. Irving

Donald R. Irving

Mr. Anderson

IN REPLY REFER TO:
G-MD-CNM

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Adm.
RECEIVED
OCT 21 1953

October 20, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3035 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: G. W. Hanna and Associates, P. O. Box 720, Clanton, Alabama.
Date of field team report: October 12, 1953
Authorship of field team report: K. H. Teague, J. F. O'Neill, and H. D. Pallister.
Field team's recommendation: It is recommended that the application be denied. The mica is primarily of scrap quality and size.
Comments: Denial of application.
ACTION SUGGESTED: Follow field team's recommendation.

D. M. Larrabee

D. M. Larrabee

Mr. Anderson

C O P Y

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

DMEA Region VII
Knoxville, Tenn.

October 14, 1953

Memorandum

To: Chairman, Operating Committee - D M E A - Washington

From: D. M. E. A. Field Team, Region 7

Subject: Field Team Examination Reports.

Transmitted herewith are four copies each of the following:

DMEA-3035, Fritzpatrick Property (mica)

DMEA-3088, Holt No. 2 Mine (mica)

DMEA-2832, Bear Pen No. 2 Mine (mica)

The Field Team concurs in the denial of the above applications.

/s/ Robert A. Laurence
Executive Officer, DMEA
Region 7

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

Reviewed by
DMEA OPERATING COMMITTEE

10-21-53
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

GCF
11/9/53

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

ON

DMEA-3035, FRITZPATRICK PROPERTY (mica)
Chilton County, Alabama

By

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

J. F. O'Neill, Mining Engineer
U. S. Bureau of Mines

Hugh D. Pallister, Mining Engineer
U. S. Bureau of Mines

October 12, 1953

Reviewed by
DMEA OPERATING COMMITTEE
10-21-53
(date)

DEFENSE MINERALS EXPLORATION
ADMINISTRATION

Field Examination report on
DMEA-3035, (mica)
Fitzpatrick Property

Applicant: G. W. Hanna and Associates, P.O. Box 720, Clanton, Alabama

There is no evidence available on subject property to indicate the presence of a worthwhile deposit of strategic mica, therefore, the application should be denied.

T he deposit was examined on October 1, 1953. Mr. Inloe, representing the applicant accompanied the examiners on the inspection which required two hours.

The Fritzpatrick Property is in the NW¼ NW¼ Sec. 20,T.22N.R. 16E., Chilton County, Alabama. It is about 15 miles north of Clanton and is readily accessible during periods of dry weather.

As only one member of the organization (he is not mentioned in the application) was present at the examination, appraisal of the applicant's ability is impossible. Mr. Inloe did not create a favorable impression.

Two pegmatites have been rather thoroughly explored at this place. One occurs along the southwest side of a low ridge. Both appear to be in the same zone and trend about N 40° E, dipping steeply southeast in graphitic schist.

The southwest pegmatite has been worked by an open cut 50' x 25' x 20' for scrap mica. It is a weathered homogenious mass, lean in mica. All of the mica is of scrap size.

The pegmatite that crosses the ridge crest is about 150 feet long and up to 20 feet thick. It has been worked for scrap by three cuts south and one cut north of the crest. More than 99 percent of the mica present here is of scrap quality only.

The examiners understand that one small sale of strategic mica has been made from this property, representing the total production of pattern mica over a period of four months.

The mica is hard, clear, and ruby colored. All is "A" and a large amount is "wedge-A".

The ambitious exploration program requested by the applicant is not justified. The only possibility for this property is to work it for scrap, and then only by a small operation. No exploration assistance is justified.

October 12, 1953

K. H. Teague, USGS

J. F. O'Neill, USBM

Hugh D. Pallister, USBM

zm

FILE COPY
SURNAME:

Anderson
Houk
Hedges
Kirkpatrick
Jeffridge

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

Letter returned for address: resent c/o Alco Mica Co., Inc.

SEP 17 1953

C. W. Hanna and Associates
P. O. Box 720
Clanton, Alabama

Re: Docket No. DMEA-3035 - Mica
C. W. Hanna and Associates
Chilton County, Alabama

Gentlemen:

Your application for assistance in exploring the subject property 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 a field examination, if considered necessary.

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.

Sincerely yours,

Frank E. Johnson (fw)

ACTING Administrator

WCAnderson:gad 9/11/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk
Field Team, Region VII

R.C.J.
9-17-53

FILE COPY
SURNAME:

Anderson
Houk
Selfridge
Johnson

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

600

SEP 17 1953

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

Subject: Docket No. DMSA-3035 - Mica
G. L. Hanna and Associates
Chilton County, Alabama

Dear Mr. Laurence:

Reference is made to the application for exploration assistance on the subject property.

Please arrange for a field examination of the subject property, if considered necessary.

Copies of memoranda from the Geological Survey and the Bureau of Mines are enclosed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (WB)

Approved:

J. H. Hedges (WB)
Member, Bureau of Mines

A. R. Kinkel, Jr. (WB)
Member, Geological Survey

Enclosures 4

WCAnderson:gad 9/11/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C. by 9-17-53

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

June 15, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3035, Mica, G. W. Hanna Prospect
Clinton County, Alabama

No data are available in this office on subject property. It is suggested that the field team visit this property when a member of the field team is in that vicinity to ascertain if an exploration program is justified.

W. F. Dietrich

W. F. Dietrich

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

WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 10 1953

June 1953

Mr. H. T. Fitzpatrick
1019-1021 Bell Bldg.
Montgomery, Alabama

Re: DMEA-3035 (mica)
G. W. Hanna & Associates

Dear Mr. Fitzpatrick:

This is in response to your letter of June 5, concerning the application for assistance in exploration for mica on your land in Chilton County, Alabama.

I have no idea what memoranda Mr. Hanna has made on his copy of your lease, nor what changes he thought should be made. He has never visited this office and therefore, was not presenting any changes that were requested by us. Not knowing what these proposed changes are, it is difficult for me to answer your questions.

Mr. Hanna's application was received here on May 11, and forwarded to our Washington office for processing. On that date, I wrote Mr. Hanna, asking that he provide more information which would be required before a contract could be drawn. (A copy of which is enclosed). On May 18, we received a reply to that letter explaining that Alco Mining Company is operating on this land by verbal consent of G. W. Hanna, and enclosing a map showing extent of the property conveyed to M. D. Foshee, W. M. Wyatt and J. E. Crumpton. He further stated that he was having the lease changed from one year to three years, but mentioned no other changes. Therefore, I am at a loss to know just what changes are referred to in your letter.

Mr. Hanna wants to except from the exploration contract a circular area with 50-foot radius around the "sheet mica strike". I stated in my letter of May 11 that this appeared to me to be impractical, but no change in the lease is involved.

We did not request the Owner's Consent to Lien, because you and Mrs. Fitzpatrick are partners in the application firm as well as owners of the land, and by signing the exploration contract, you would thereby accept the 10-year lien on possible production from the property. However, as requested in your letter, I enclose a copy of form MF-203 for

your information.

If you will send me a list of the proposed changes in the lease, I will look them over and let you know if any of them appear to be necessary.

Yours very truly,

Robert A. Laurence, Executive Officer
DMEA Field Team, Region 7

RAL/mm
cc:
Beck
Lynch
Opr. Com.
Files

IN REPLY REFER TO:

G-MD-CNM

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

JUN 1 1953

May 29, 1953

Memorandum

REVIEW OF APPLICATION DMEA-3035 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: G. W. Hanna and Associates, P. O. Box 720, Clanton, Alabama.
Name of property: None.
Location of property: NW¼NW¼ sec. 20, T. 22 N., R. 16 E., Chilton County, Alabama.
Summary of applicant's proposal:

1. Strip the area.
2. 9'x9'x30'-50' shaft (letter received DMEA May 20, 1953).

Sources of information on applicant's property: None.
Comments:

1. The unwritten agreement-deal, including the group of which the applicant is a member, seems like some haywire arrangement calling for clarification.
2. "Plan" for exploration needs clarification.
3. Applicant need not count upon mica shoots being closer to the surface here, as a rule, than elsewhere!
4. Comments 1, 2, 3, 4, and 5 of my memo. May 15, 1953 <u>are still unanswered</u>. — only 4 & 5
5. Estimated costs are still too high--it is believed this entire picture (?) is quite unrealistic.

<u>RECOMMENDATION</u>:

Refer to field team <u>only after</u> replies to above have been received.

D. M. Larrabee

D. M. Larrabee

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

May 18, 1953

Department of the Interior
Defense Minerals Exploration Administration
MAY 20 1953

To: Operating Committee D M E A- Washington

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

Subject: DMEA-3035 (mica) G. W. Hanna and Associates, Clanton, Alabama

Transmitted herewith are three copies of a letter from the subject applicant in answer to our letter of May 11, also, original and two copies of a list of equipment owned by them and a map showing property conveyed to M. D. Foshee, W. M. Wyatt and J. P. Crumpton of about 17 acres.

Wm. A. Beck

3035

COPY

Mr. Robert A. Laurence, Executive Officer, DMEA
Region 7
Room 13, Post Office Building
Knoxville 2, Tennessee

Dear Mr. Laurence:

In answer to your letter of May 11, regarding application for exploration assistance for Strategic Mica.

(Answer to Question # 3a 2nd Paragraph)
Alco Mica Co. Has no Lease. Lease executed to G. W. Hanna by Mildred C. Fitzpatrick and husband H. T. Fitzpatrick.

Alco Mica Co. consisting of G. W. Hanna, Agnes Hanna, R. E. Smith, Elizabeth G. Smith are operating the processing of sheet mica by consent of G. W. Hanna without written agreement, and desire to continue said operation if possible by excluding area of sheet mica strike, From this proposed exploration project.

I would appreciate your idea for doing this in lieu of 50' radius exclusion.

Present lease is for oneyear, renewable yearly, but I am having it changed to 3 years with privilodge of yearly renewal thereafter, to comply with Government requirements.

Mildred C. Fitzpatrick and husband H. T.Fitzpatrick being a participant in this exploration project, I presume a lease with myself to mine and process mica or minerals on this property would be in order. If not kindly suggest procedure.

Answer to Questions 3rd paragraph.

Use of a power shovel and end loader Question.
You will note in application request that contract run 24 months.
There will be days and sometimes periods that the weather will hold up operations of power shovel and end loader.

We would desire to use a power shovel and end loader in conjunction with air compressor and dynamite, to do the greatest part of exploration by working on a planned program on the approximate areas marked by a (X) on the map submitted.

Our experience with various methods have convinced us that this is the fastest and most economical method to make sheet mica discovery, then when it appears we have a discovery we propose to sink a shaft of about 9' x 9' to say a depth of between 30' and 50' and to timber same for safety. We believe that if the mica formation is ture this work would establish a discovery and that further work would then constitute mining, but we would want the Government Inspectors to determine that by their opinion, and if they think deeper shafts or drifts are necessary we will work along that line as the Government may desire.

The areas marked X show indications of sheet mica and shovel and end loader will rapidly prove or disprove economically whether further exploration would possibly be worth while, becuase we find in this area that shee mica formation lay closer to the surface than areas in North Carolina, So Carolina Georgia and Eastern Alabama. The applicant having visited Mica mines in these other areas noted that it was found much deeper than in this locality.

In revised equipment list I include hoists power units, electric motors etc. of which we have plenty.

Regarding drifts and cross cuts, we plan them of course but we hope discoverys can be accomplished without putting the Government to this expense and I hope that such work would constitute a mining operation.

We wish to do this exploration in the most economical way possible to avoid waste of any kind whether time, money or material.

Regarding provisions for miners I believe the three laborers will be sufficient as two of them will be min rs and the powder man will be used as a miner when not working powder and the third laboror will be used as drill and powder man helper.

Your advise, assistance and recommendations of methods of operation, or otherwise are very much desired as we wish to cooperate fully with you.

Map showing property conveyed to M. B. Foshee, W. M. Wyatt and J. B. Crumption of about 17 acres is enclosed.

Sincerely yours,

s/

G. W. Hanna
P.O. Box 720
Clanton, Alabama

copied (sic)
cc:
Washington -3
Beck

G.W.Hanna

3035

Approx. 1946 Model Gasoline powered Cletrac crawler #35062 with Ware front end loader hydralic lift and ½ yard bucket. in good condition.	est. Value	1750.00
Approx. 1945 model Insley 3/8 yard shovel K10 serial # 503 gasoline powered with Buda motor. in good condition.	est. value	7500.00
Approx. 1948 model Yeager gasoline powered air compressor on rubber tires complete with air hammer,100 ft. hose , several drills and about 30 bits. in good condition.	est. value	1500.00
1 cable drum hoist 250 ft. cable, 200 ft. double track and one turntable. 2 dump cars.	est. Value	1250.00
1- 32 H.P. International Power Unit U.B. H.M. 111-P2-z26 about 1950. complete with starter 5 groove pulley and battery.	est. Value	650.00
1- 1-½ H.P. Electric SP. Jacuzzia water pump(New)		300.00
1- 3 H.P. electric SP. Jacuzzia water pump (New)		600.00
300 ft. 1 ½ " black used pipe and fittings		100.00
1- A.C. Electric Welder approx. 1948 Model complete with mask cable etc.	est. Value	200.00
1- Acetylene welding and cutting outfit (Airco) with cart etc.	est. value	65.00
1- 1948 Ford pickup truck in good condition	est. Value	650.00
1- 5 H.P SP Westinghouse Electric Motor(used)	est. Value	150.00
1- 12 x 12 Fan and approx. 60 ft. galv. duct for ventilation .		125.00
1- 1 ½ H.P. Sp Electric motor	est. Value	75.00
1- 115 Ft. Drag and bucket conveyor complete with foot and head speed reducer(shop built)	est. Value	1200.00
1- 5 H.P. Electric motor good condition	est. Value	150.00
Equipment we have available for this project	Total est. Value	$16,265.00

IN REPLY REFER TO:

G-MD-CNM

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 15 1953

May 15, 1953

Memorandum

REVIEW OF APPLICATION DMEA-3035 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: G. W. Hanna and Associates, P. O. Box 720, Clanton, Alabama.
Name of property: None.
Location of property: NW $\frac{1}{4}$, NW $\frac{1}{4}$, S. 20, T. 22, R. 16 E., Chilton County, Alabama.
Summary of applicant's proposal:

1. 3 or more 50' pits (shafts?)
2. Strip mine the deposit.

Sources of information on applicant's property: None.
Comments:

1. No map with proposed job layout, and past work.
2. Sounds like strictly a mining operation.
3. No positive plan of action.
4. On how many days was 500 pounds of "sheet" mica recovered, and from how many cubic feet of rock mined?
5. How much full-trimmed sheet was recovered from the total mica mined?

RECOMMENDATION:
Applicant be requested to submit additional data.

D M Larrabee

D. M. Larrabee

May 13, 1953

Mr. G. W. Hanna
G. W. Hanna and Associates
P. O. Box 720
Clanton, Alabama

Subject: DMEA-3035
Re: Exploration Assistance

My dear Mr. Hanna:

The receipt of your application dated May 9, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3035 and referred to the Nonmetallic Minerals Division.

Kindly refer to DMEA-3035 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS
Robert E. Adams
Chief, Operations Control
and Statistics Division

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

May 13, 1953

Memorandum

To: Executive Officer, DMEA Field Team, Region VII

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region VII.

DMEA - 3035 - G. W. Hanna and Associates

ROBERT E. ADAMS

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

38226

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

May 11, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 13 1953

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, Region 7

Subject: Application from G. W. Hanna and Associates, Clanton (Chilton County) Alabama (mica)

Enclosed herewith are 3 copies of the subject application and one copy each of 4 photographs and 2 maps submitted by the applicant. Samples of mica submitted by the applicant, which are obviously of strategic quality, are also enclosed.

As the landowners are also partners in G. W. Hanna and Associates, we are not writing for a subordination agreement. However, the status of the lease to the Alco Mica Co., and the relation of Alco Mica Co., to the applicant partnership should be clarified. The proposed exception of land within a 50-foot radius of the present "strike" seems undesirable, and the land conveyed to Foshee, Wyatt, and Crumpton, also to be excepted, is not described or located.

It appears that what the applicant is proposing is strip mining rather than exploration (see answer to 5-B). Otherwise, continued use of both power shovel and end loader for 52 weeks is difficult to explain.

It is also worth noting that this is the same G. W. Hanna who applied for $35 million to develop tin deposits in adjacent Coosa County. This was Docket DMA-505.

It seems unlikely that, even if examination should show favorable results, a satisfactory contract could be prepared by June 30, therefore, we are giving this a low priority on our examination schedule.

Wm. A. Beck

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

Robert A. Laurence

Robert A. Laurence, Executive Officer
DMEA-Region 7

May 11, 1953

Mr. G. W. Hanna
P.O. Box 720
Clanton, Alabama

Dear Mr. Hanna:

Your application for assistance in exploration for mica in Section 20, T 22 N, R 16 E, has been received, and forwarded to our Washington office for processing in accordance with established procedure.

The description of the land (question 3 a) is inadequate. What is the location and extent of the land conveyed to M. D. Foshee, W. M. Wyatt, and J. B. Crumpton? Your maps do not show it. What is the status of the lease from Mildred C. Fitzpatrick and husband H. T. Fitzpatrick to the Alco Mica Co., apparently on this same land? It does not appear to me that the exception of a 50-foot radius circular area is practical or desirable.

Your cost estimates indicate that you porpose continuous use of a power shovel and an end loader for a year. This seems to be more than exploration would justify. Also, although you indicate cost of timber for shafts, I see no provisions for miners, hoist, and other items usually need for shaft-sinking. Where are the shafts to be and how deep? Do you plan any dirfts or crosscuts from these shafts?

As your plan contemplates use of your own equipment, you should give the make, model, and present value of these items, so that a fair rate of depreciation can be determined. The usual rate is 1/60 of the value per month.

As you submitted one more copy of the application than is necessary, I am returning it, so that you may have it for your files.

Very truly yours,

Robert A. Laurence
Executive Officer, DMEA
Region 7

RAL/zm
cc:
Beck
Opr.Gen.-3
Files

G.W.Hanna

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Form Approved
Budget Bureau No. 42-R1035.2.
RECEIVED
MAY 13 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-3035
Metal or Mineral
Date Received 5/13/53
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: G.W.Hanna and Associates P.O.Box 720 Clanton Alabama a partnership R.E.Smith 608 N.20 th St. Birmingham Alabama G.W.Hanna 2201 Cahaba Rd. Birmingham 9 Alabama (Montgomery Ala.) Mildred C.Fitzpatrick and Husband H.T.Fitzpatrick 12 Woodley Terrace/

(*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.

(*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 The west half of the N.W. quarter and all land lying North and West of the present road in the N.W. quarter of the S.W. quarter of section 20, Township 22, Range 16 E. exceptthat land conveyed to M.D.Foshee,W.M.Wyatt,and J.B.Crumpton. except 50' radius of present stake in N.W. 1/4 of N.W. 1/4 of Section 20 T 22 R 16 E. Chilton County Alabama

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner Mildred C.Fitzpatrick

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it none

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

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.

(*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.

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

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you will explore Strategic 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 24 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.

(*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.

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?

[X] Money [X] 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 May 9, 1953

G. W. HANNA & ASSOCIATES
(Applicant)

By G. W. Hanna

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

G.W.Hanna

4. Physical description.

A Four cuts have been opened up by strip mining in the N.W.¼ of the N.W.¼ of section 20 township 22 range 16 E. Chilton County Alabama.

B A sheet mica strike was made several weeks ago in above described area as evidenced by inclosed photo inclosed, and trimed sheet mica inclosed.
The Alco Mica Company composed of R.E.Smith Sr. and G.W.Hanna are at present mining sheet mica and triming same for shipment to the Government at Spruce Pine N.C. under lease with Mildred C. Fitzpatrick and husband H.T.Fitzpatrick owners who now join in as partners in this application.

a These mine workings are accessable, being strip mining operations.
We are at present sinking a shaft on the foot wall side of the sheet mica strike in an effort to recover the sheet mica without fracturing the mica.

B We have been able to recover about five hundred pounds of sheet mica per day on workable days.
We do not know the extent of area this strike covers as only mining operations will determine that.

C The country rock is a schist, small stringers of pegmatiteand large veins of kaolin associated with white quartz constitute the agregate.
Both sheet and flake mica occur in the quartz and kaolin formations.
The strike of the quartz dikes in association with the koalin run at about 35° east, cutting across the country rock or schist.
The dip appears to be to the S.E. and may be as much as 55° from the horizontal. The schist formations appear to run about 35° N.E.S.W.
Traces of byrle, garnet, and titainium occur frequently.
No reconizable cassiterite has been found but the pegmatite formations are similar to those where cassiterite has been found. No magnetic's have been found except a small amount of illimnite has been found.

d Maps are inclosed showing distances to water, paved highways and to Clanton Alabama, also showing location of sheet mica strike.

C We wish to explore this property because we believe that we can discover a vast supply of sheet mica on this property that will in turn open up a vast field of both sheet and flake in this area, that will be we believe be comparable to Spruce Pine area in N.C.

E There is plenty of manpower, materials, supplies, equipment, water on the property, power available.

5 The exploration project.

B We propose to open up three or more pits to a depth of possibly fifty feet or more on the foot wall side of any dykes where we discover sheet mica indications.
We propose to excavate by strip mining with power shovel and front end loader and drilling and blasting areas indicating sheet mica.
Inclosed maps give locations of areas showing signs of sheet mica.
We will be on the look out for other minerals such as Byrle, tin, titainium etc. and will report any of same if located.

D The applicant has had experience during the past several years exploring for cassiterite and has found some and in so doing has came into contact with mica and its formations having been connected with the Alabama Coosa Cassiterite Corporation.
We also have working with us Mr Ellis Inlow who has had several years experience in this field.

G.W.Hanna

6	Estimate of Costs	
A	Independent contracts none	
B	Labor, supervision, Consultants	
	Laborors 3 @.75 cents per hour 40 hr. week 52 wks	4680.00
	Shovel operator @ 1.25 " " " " " " "	2600.00
	End Loader Operator @ 1.00 per hr." " " " "	2080.00
	Powder man @ .80 cents " " " " " " "	1664.00
	Supervisor @ 1.60 " " " " " " "	3328.00
	Consultants Engineering assistants	
	Bureau of Mines no cost.	
	State Geoligist " " .	
C	Dynamite and caps project est.	975.00
	Gas, oil, grease for Compressor, Shovel. Loader	900.00
	Timber for shafts	850.00
D	Use of Compressor for period	750.00
	Use of power shovel " "	1800.00
	Use front End Loader " "	600.00
	Drill bits and sharpening	120.00
	Shovels, saws, gas containers, picks, wrenches, pumps, electric welder, jacks, blasting magneto, and misc. tools less than $ 50.00	
E	no cost.	
F	none	
G	Estimate repairs	
	Power Shovel for period	850.00
	Compressor " "	150.00
	Front end loader " "	350.00
	Accounting " "	350.00
	Workmans Compensation for period	210.00
	Employees Liability " "	200.00
	Payroll taxes " "	290.00
H	Contingencies estimate about 5%	1122.75
	Sales Taxes	75.00
	total estimate	$23,944.75

Alco Mica Co., Inc.
P. O. Box 720
Clanton, Alabama

SAMPLES

TRIMED RUBY SHEET MICA

FROM
SHEET MICA STRIKE SHOWN IN PHOTO.

To accompany application by GW Hanna & Associates.

DMEA-3035

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

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, $300
(PMGC)

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Dept. of the Interior
Washington 25, D. C.

DMEA-3035

PIT OPENED BY STRIP MINING WITH CONVEYOR INSTALLED

ALCO MICA CO. CLANTON ALABAMA DMEA-3035

LOCATION SHEET MICA STRIKE

G.W. HANNA P.O. BOX 720 CLANTON ALA. DMEA-3035

DMEA-3035

G.W. HANNA 3/8 YD INSLEY SHOVEL CLANTON ALA.

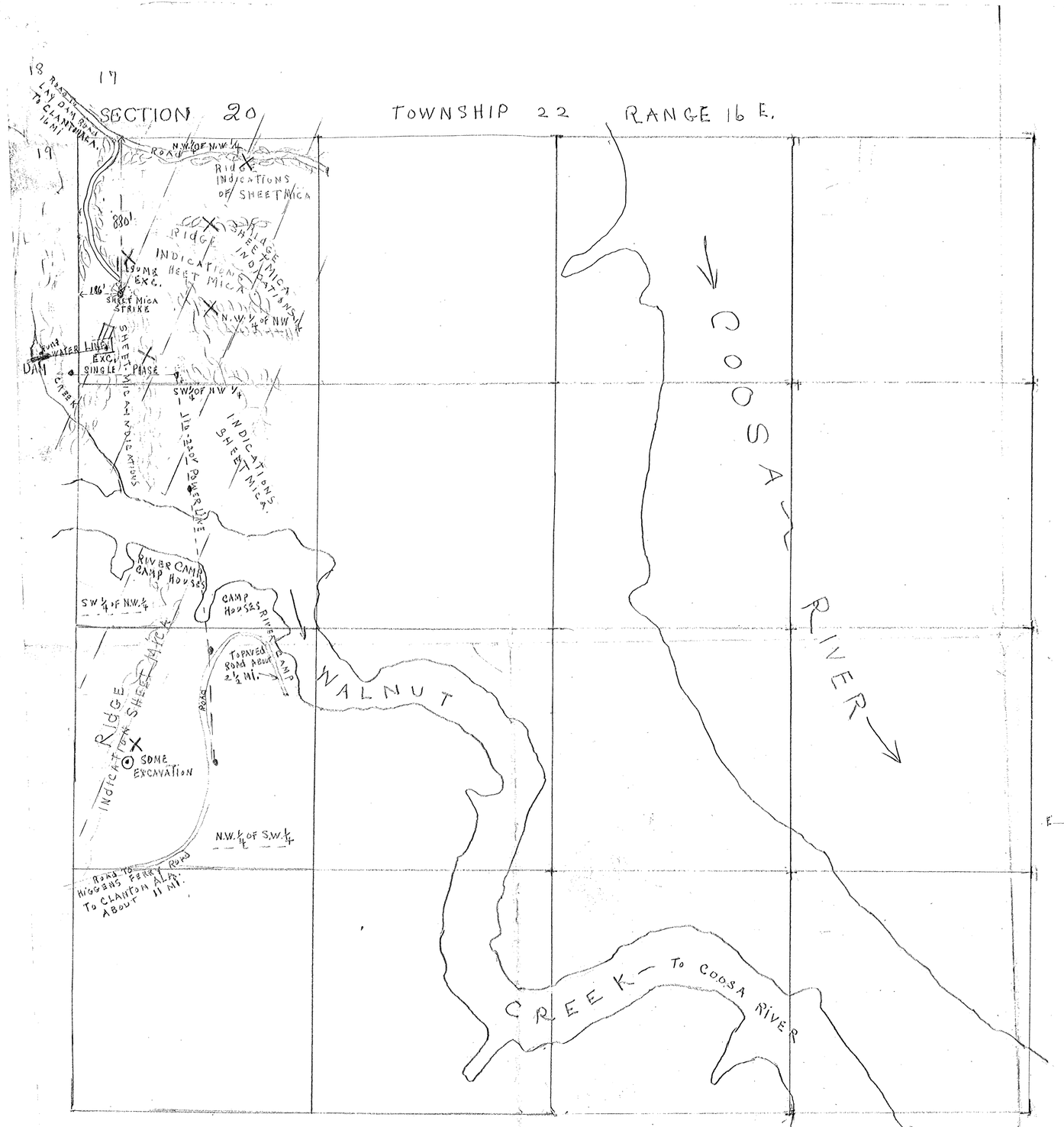
DMEA-3035

SMALL END LOADER G.W. HANNA CLANTON ALA.

G.W. HANNA P.O. BOX 720 CLANTON ALA.

DMEA-3035

SHEET MICA STRIKE ALCO MICA CO. CLANTON ALABAMA RUBY MICA



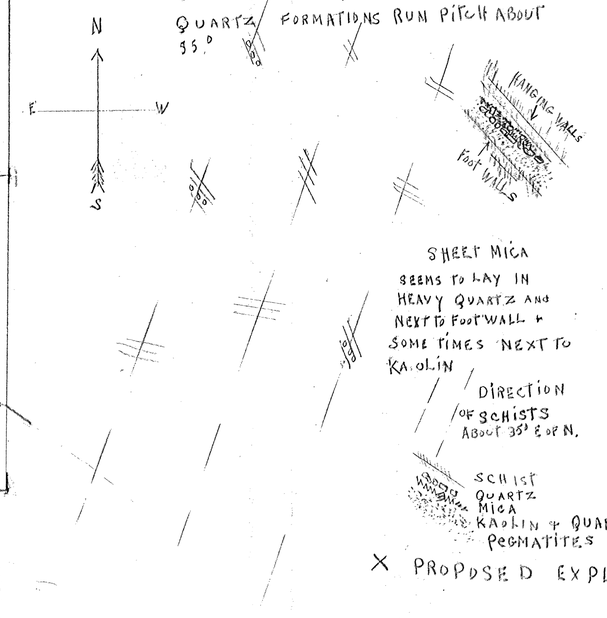
COUNTY — CHILTON - ALABAMA

LEGEND.

SCHIST FORMATIONS RUN ABOUT 35° N.E. S.W.

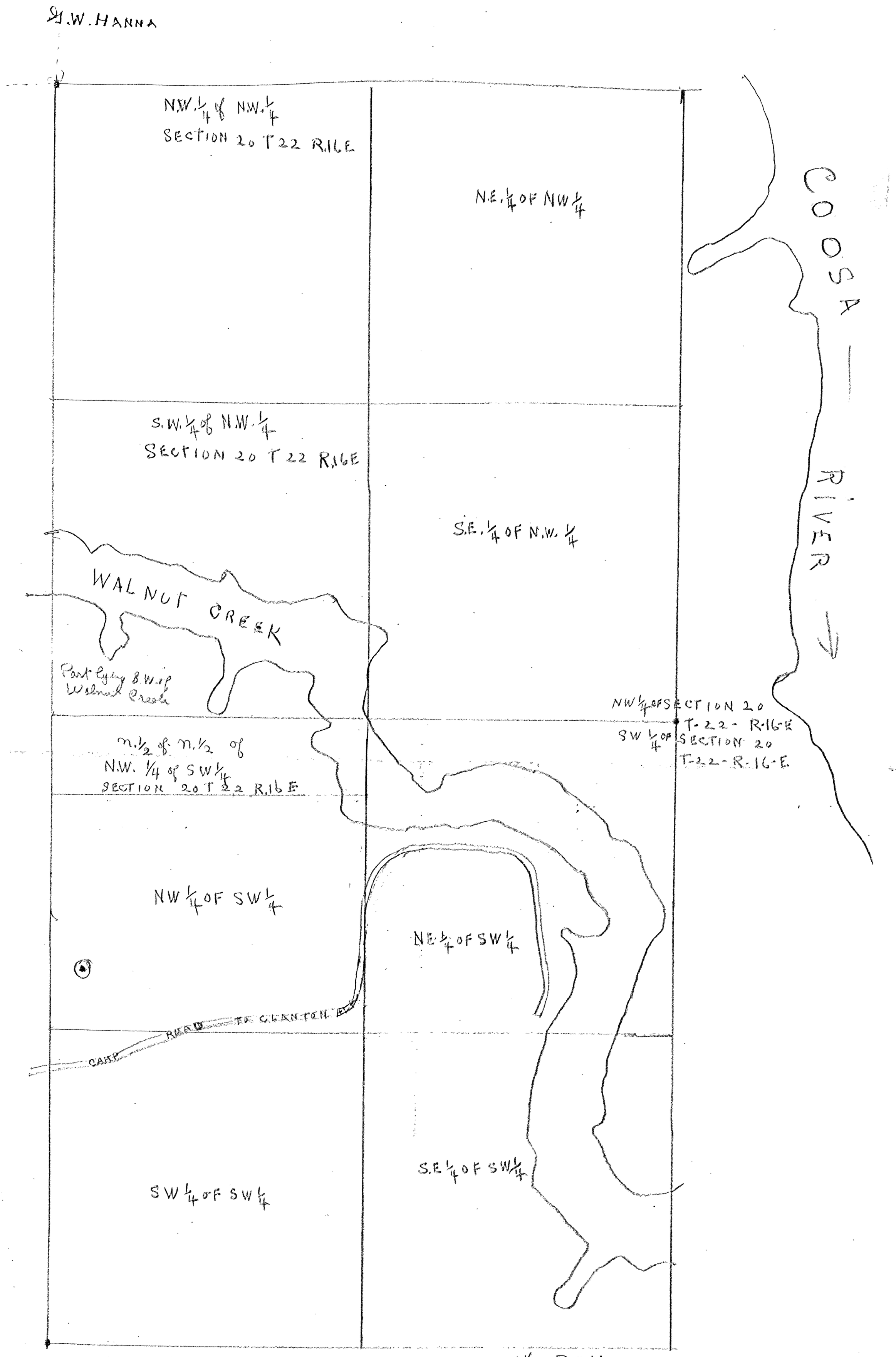
MICA - QUARTZ FORMATIONS RUN ABOUT 35° OFF EAST BY NORTH.

QUARTZ FORMATIONS RUN PITCH ABOUT 35°



X PROPOSED EXPLORATION.

DMEA - 3035

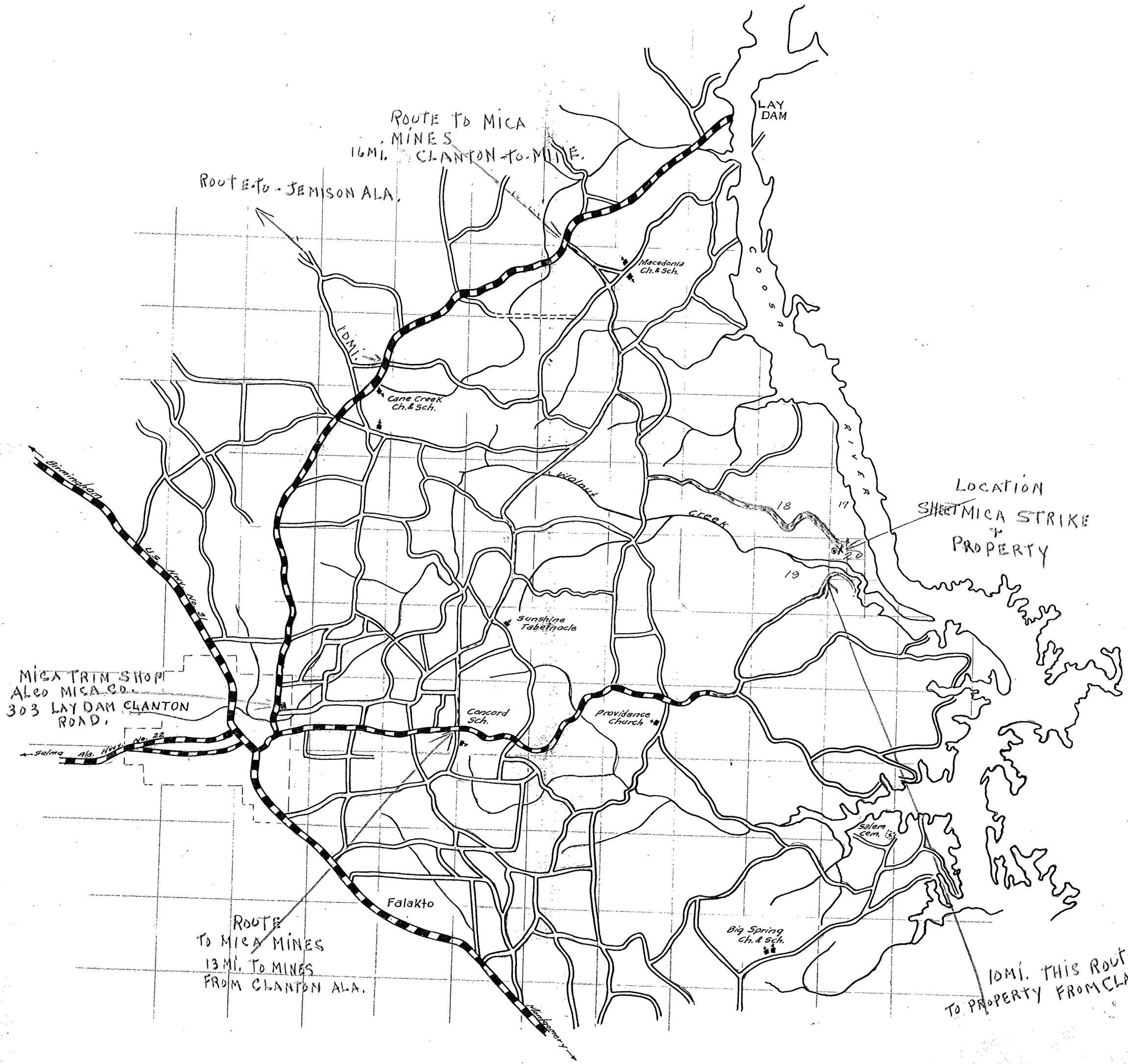


LAND CONVEYED TO
M.D. FOSHEE, W.M. WYATT AND
J.B. CRUMPTON
ALL OF S.W. 1/4 OF N.W. 1/4 LYING S.W. OF WALNUT CREEK
SECTION 20 TOWNSHIP 22 RANGE 16 E, AND
N 1/2 OF N 1/2 OF N.W. 1/4 OF S.W. 1/4 SECTION 20 TOWNSHIP 22 RANGE 16 E,
BEING ABOUT 17 ACRES

Huntsville B & M

(QUESTION 3 A DESCRIPTION)

MAP OF CLANTON ALA.
AREA + MICA MINES.



DMEA-3035