DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2753

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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
COPIES TO USGS, USBM

To:	CODE 600, Rm. 4637	Date	10-30-52
To:	Feither	Date	10/31/52
To:	Open Comm.	Date	11-28-52
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CONTROLLED DOCUMENT

INT.-DUP. SEC., WASH., D.C. 98868

FILE COPY
SURNAME:

Feitler
Houk

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

FEB 10 1953 BW.

Mr. George W. Darling
Hollins, Alabama

Subject: Docket No. DMEA-2753 - Mica
Old Hernfeld Mine
Coosa County, Alabama

Dear Mr. Darling:

Reference is made to the subject application for exploration assistance.

Mr. Robert W. Lawrence, Executive Officer, DMEA Field Team, Region VII, has forwarded your letter dated January 28,1953, in which you request the withdrawal of the subject application for exploration assistance.

In accordance with your request, the application has been withdrawn and the docket is now closed.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

J.H.
2-10-53

AFeitler:gad 2/10/53

Copy to: Admr. R. File
Docket File
Operating Committee (2)
Field Team, Region VII (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

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

February 10, 1953

Memorandum

To: Mr. C. O. Mittendorf

From: Nonmetallic Minerals Division

Subject: Final Review of Docket No. DMEA-2753 - Mica
George W. Darling
Old Herzfeld Mine
Coosa County, Alabama

Action recommended: Approval of letter confirming withdrawal by applicant.

Conclusion: Applicant's letter of January 28, 1953, to Region VII states that a new lease has now been received from the Owner but meanwhile the "main vein of mica" has been exposed and exploration assistance will not be required. Government assistance is no longer sought.

Chronology:

10/28/52 Received application requesting a $500.00 contract to make an open cut in the pegmatite.
10/30/52 Region VII acknowledges receipt of letter from GSA advising that mica from this mine is classed as ruby.
11/12/52 USGS memo - Refer to field team.
11/12/52 Letter from applicant about progress of his application.
11/17/52 USBM memo - Refer to field team.
11/28/52 Referred to Region VII with a request for a copy of the lease and a new Owner's Consent to Lien, if exploration is to be recommended.
12/12/52 Letter from Region VII. Examination has been made but report is being held until applicant submits lease and new Owner's Consent to Lien.
1/20/53 Field Report received without new lease and, MF-203. Recommends trenching, 50 ft. shaft, and 50 ft. of drift from bottom of shaft at an estimated cost of $4,648.00.
2/4/53 From Region VII received copy of Applicant's letter of January 28, 1953, explaining his withdrawal of the application.

Stanley A. Feitler
Stanley A. Feitler
Nonmetallic Minerals Division

FILE COPY
SURNAME:

Feitler/
Houk

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

February 10, 1953

Memorandum

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From: Nonmetallic Minerals Division

Subject: Final Review of Docket No. DMEA-2753 - Mica
George W. Darling
Old Herzfeld Mine
Coosa County, Alabama

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SAFeitler:gad 2/10/53
Copy to: Admr. R. File
Docket File
Mr. Houk

SAF

Stanley A. Feitler
Nonmetallic Minerals Division

Mr. Zeitler

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

February 2, 1953

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 4 1953

To: Operating Committee, DMEA - Washington

From: Field Team, Region VII - Knoxville, Tennessee

Subject: Hertzfeld Mine, DMEA-2753 (mica) George W. Darling, Coosa County, Alabama

The field examiners report on this mine was transmitted on January 20, 1953. On January 29, 1953 a letter from the applicant was received, a copy of which is attached.

The idea expressed in the letter is that the applicant is unable to secure the necessary forms MF-203's, and a satisfactory lease, therefore, he is withdrawing the application.

In light of this development the Field Team is of the opinion that no further consideration should be given this application.

Robert A. Laurence

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

Wm A. Beck

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

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Hollins, Ala. Jan. 28th 1953

DMEA-2753

Mr. Kefton Teague

Knoxville, Tenn.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 4 1953

Dear Sir;

Deley in answering Your letter of 13th. Was caused by Me not getting any further action from Mrs. Bentley. I was waiting for another lease, but have not gotte one until now. I guess I will have to go it alone on this project and that is about waht I expected to have to do in the first place. I am on the main vein of mica now. It is in the bank southwest of the large shaft and pitches back into the mountain very steeply, and is in hard flint quartz, and could not possibly be mined with a bulldozer, as the rock is too heavy, and I did not argue with You when, You were here but I knew that it would have to be mined with pick and shovel and dynamite. It is the richest in mica compared to the amt of rock I have ever seen. Large books some weighing about ten pounds and larger, very thick embedded very closely together in the large pegmatite. Had the loan went through back in October, as I wanted it. With the five hundred dollar loan, I would have long ago been selling mica from this mine. I expect to mine this mica from A cut and tunnel back south west from old diggins. the large old shaft that was dug almost west of the others that did not show any mica, seems to have been about fifty ft north of the vein,.

Truly Yours,

s/ Geo. W. Darling

Copied (sic) zm.

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Hollins, Ala. Jan. 28th 1953

IMEA-2753

Mr. Kefton Teague

Knoxville, Tenn.

Dear Sir;

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s/ Geo. W. Darling

Copied (sic) zm.

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Hollins, Ala. Jan. 28th 1953

IMEA-2753

Mr. Kefton Teague

Knoxville, Tenn.

Dear Sir;

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s/ Geo. W. Darling

Copied (sic) xm.

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Hollins, Ala. Jan. 28th 1953

IMPA-2753

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Truly Yours,

s/ Geo. W. Darling

Copied (sic) xm.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 22 1953

January 20, 1953

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, Region 7

Subject: Field Examination Report on DMEA-2753 (mica). George W. Darling, applicant. Hertzfield Mine, Coosa County, Alabama.

Transmitted herewith are 4 copies of the field examination on the above subject mine. The Field Team concurs in the recommendations.

This deposit was examined on December 8, 1953, at which time the need for a copy of the applicant's lease and new "Owner's Consent to Lien" was discussed with the applicant. To date this additional information has not been received at the Knoxville office. As soon as this information is received, it will be sent to your office.

Enclosed are 6 extra copies of a sketch map of the mine for your use.

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

Wm A Beck

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

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GENERAL SERVICES ADMINISTRATION

Spruce Pine Mica Depot
October 28, 1952

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

Re: Mica Samples - Hertzfeld Mine

Dear Mr. Laurence:

Replying to your inquiry regarding the acceptability of samples coming from the Hertzfeld Mine in Coosa County, Alabama. We find this mica to be ruby mica, but the samples are not large enough to make mica that will be acceptable to the Government. This seems to be mica recovered from an old dump, or probably from on top of the ground. From the samples submitted we are not able to determine whether the mine would produce mica that would be acceptable.

If it is possible to get a more representative sample from this mine and forward it to us, we would be glad to give you our opinion as to whether the mica from this mine is acceptable.

Yours very truly,

s/
W. S. Flynt
Superintendent.

Copied by zm.
1-20-53
cc:
Washington-4
Beck-1
Lynch-1
Laurence-1

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

(Mica)

DMEA-2753, HERTZFIELD MINE

Hollins, Coosa County, Ala.

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

January 15, 1953

Field Examination Report
on

HERTZFIELD MINE

DMEA - 2753, (Mica)
Applicant: George W. Darling, Hollins, Alabama

The Hertzfield Mica mine is located in W½, Sec. 17, T.24 N.R. 19E, in northeastern Coosa County, Alabama.

This deposit was worked to a limited extent about 30 years ago and again about 10 years ago. This work exposed a pegmatite more than 6 feet thick, containing mica of strategic grade. The field examiners believe that the deposit justifies Government Assistance in exploration. It is recommended that a trench be cut 150 feet long, 15 feet wide, and 15 feet deep along the pegmatite and if results justify, a 50-foot shaft sunk and 50 feet of drift driven from the shaft.

Examination of this deposit was on December 8, 1952 by the writers. George W. Darling accompanied the examiners and three hours were required for the examination.

The property is accessible with difficulty during wet weather by a poor woods road of one mile length. It is near the west line of the section.

The applicant has mica mining experience and appears competent to conduct the project. The applicant's property rights are covered in the transmittal letter.

There are no buildings or surface facilities on the property. Development consist of caved trenches and a caved 20-foot deep pit. The attached sketch shows the general relation of the various openings and the location and extent of the proposed exploration program.

The pegmatite is only poorly exposed. The caved workings indicate a northeast strike and a farily steep dip to the southeast. It is composed of a quartz central zone, flanked on both sides by feldspathic pegmatite which contains mica. Its thickness cannot now be determined , but it is more than six feet thick. Blocks of hard, clear, ruby colored, flat "A" mica can be found in the dump in sizes up to 6 inches across.

Past history and production from this deposit is unknown.

Labor and mining supplies can be obtained locally.

The field examiners are of the opinion that this deposit justifies Government aid in exploration. It is recommended that a trench be cut 150' x 15' x 15' along the pegmatite and a 50-foot shaft sunk on the pegmatite at the most promising point. About 50 feet of drifts should be driven on the pegmatite from the shaft.

Estimated Costs:

Stage I :	
Bulldozing, 50 hrs. @ $12.00/hr	$ 600.00
1 Laborer, 6 days @ $1.00/day	48.00
Stage II	
50-foot 5' x 7' shaft @ $45.00/ft.	$2,250.00
50-foot drift @ $35.00/ft	1,750.00
Estimated total cost....	$4,648.00

Estimated time required..70 shifts

January 16, 1953

Kefton H. Teague, USGS

J. F. O'Neill, USBM

Hugh D. Pallister, USBM

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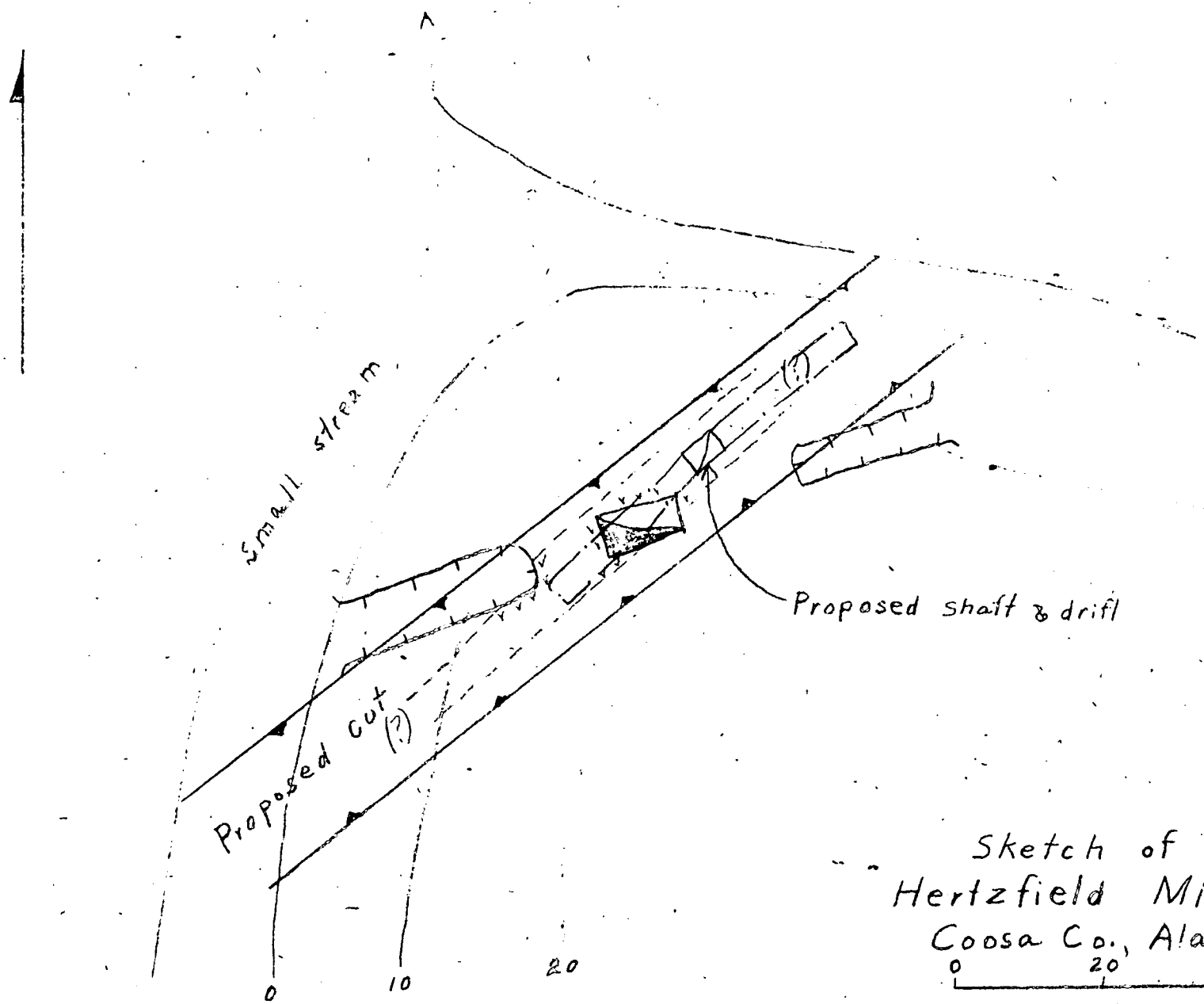
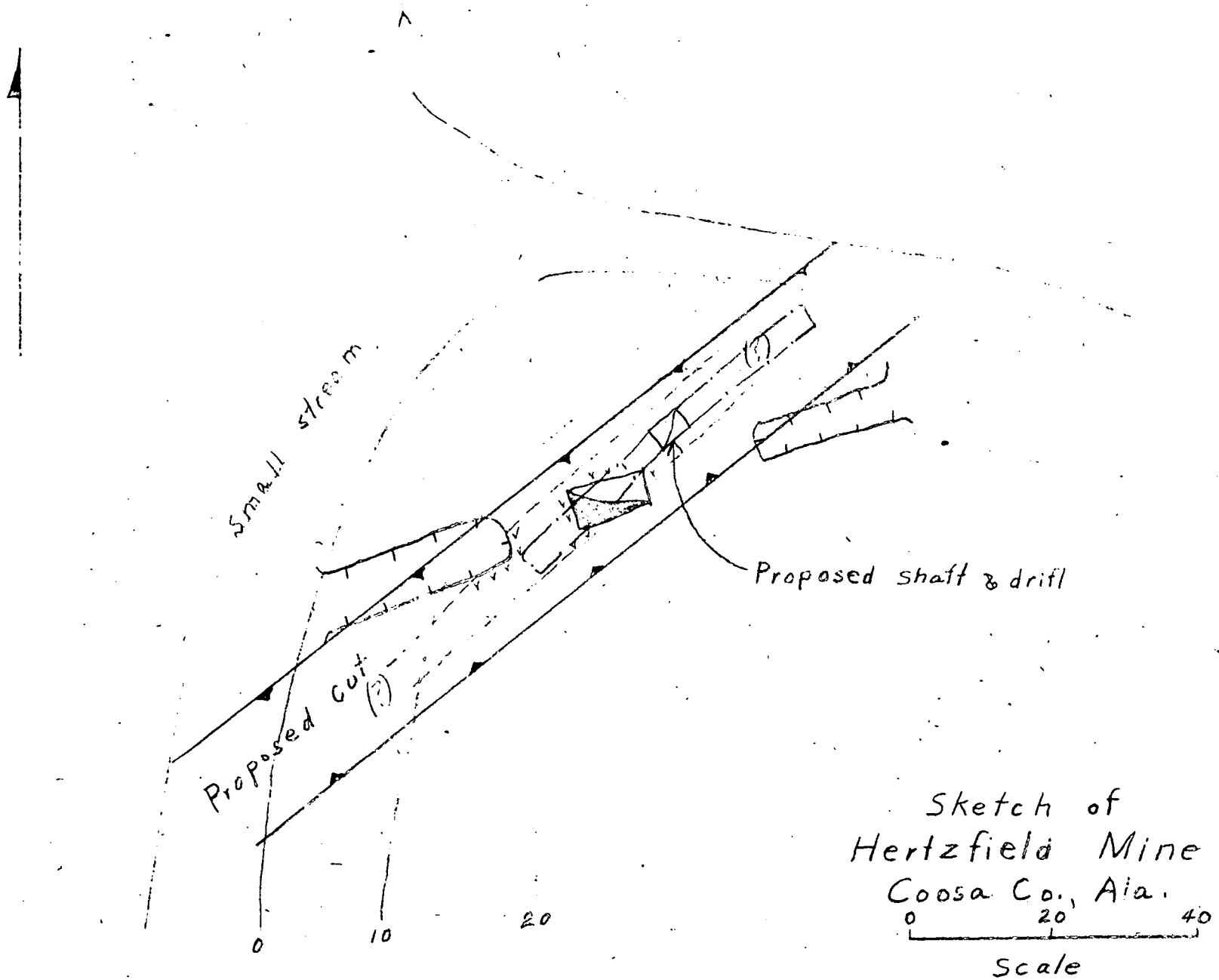


Sketch of
Hertzfield Mine
Coosa Co., Ala.

0 20 40
Scale

DMEA-2753 (Mica)



Sketch of
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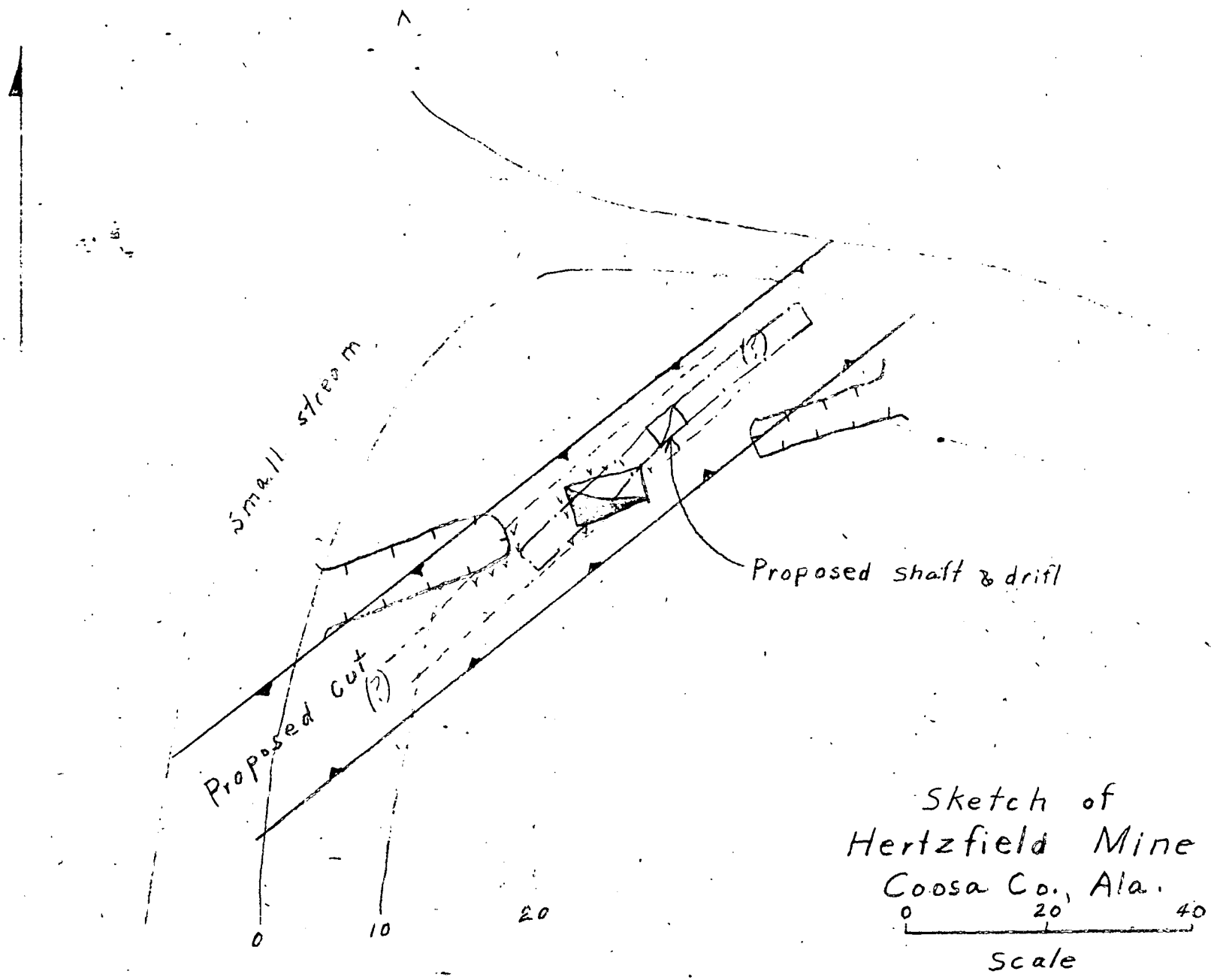
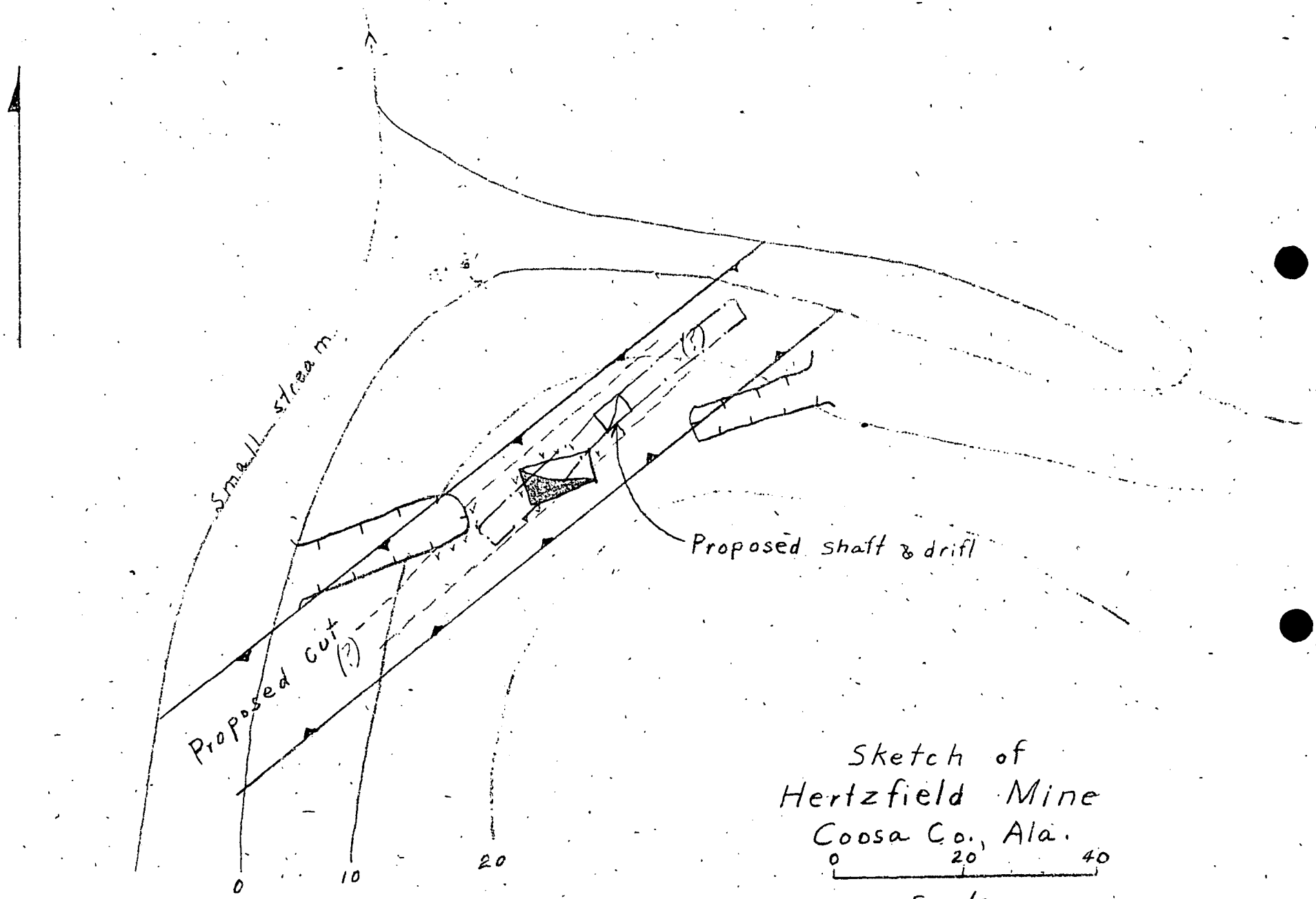
Coosa Co., Ala.

DMEA-2753 (Mice)



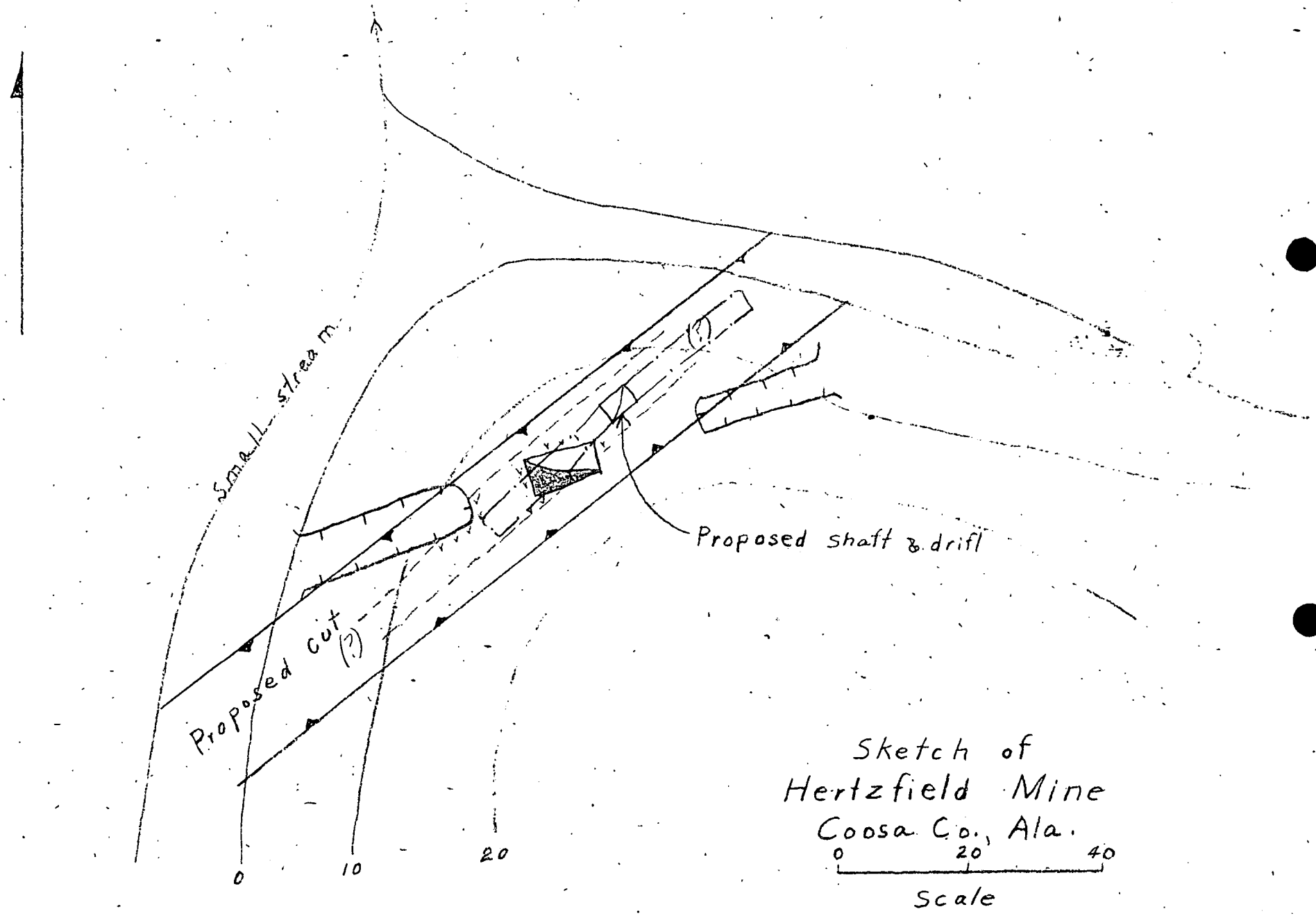
Sketch of
Hertzfield Mine
Coosa Co., Ala.

DMEA-2753 (Mica)



Sketch of
Hertzfield Mine
Coosa Co., Ala.

DMEA-2753 (Mica)



Sketch of
Hertzfield Mine
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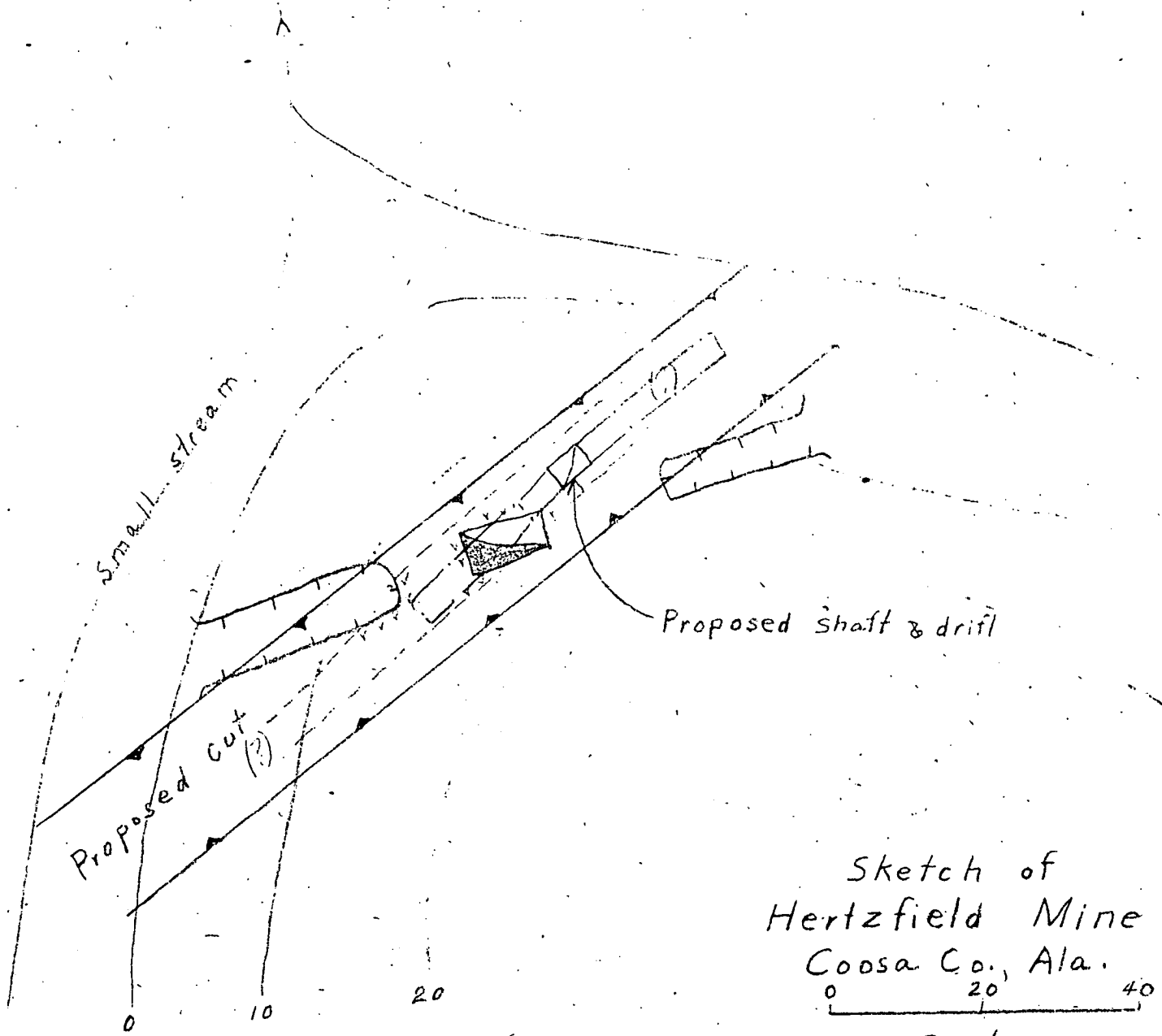
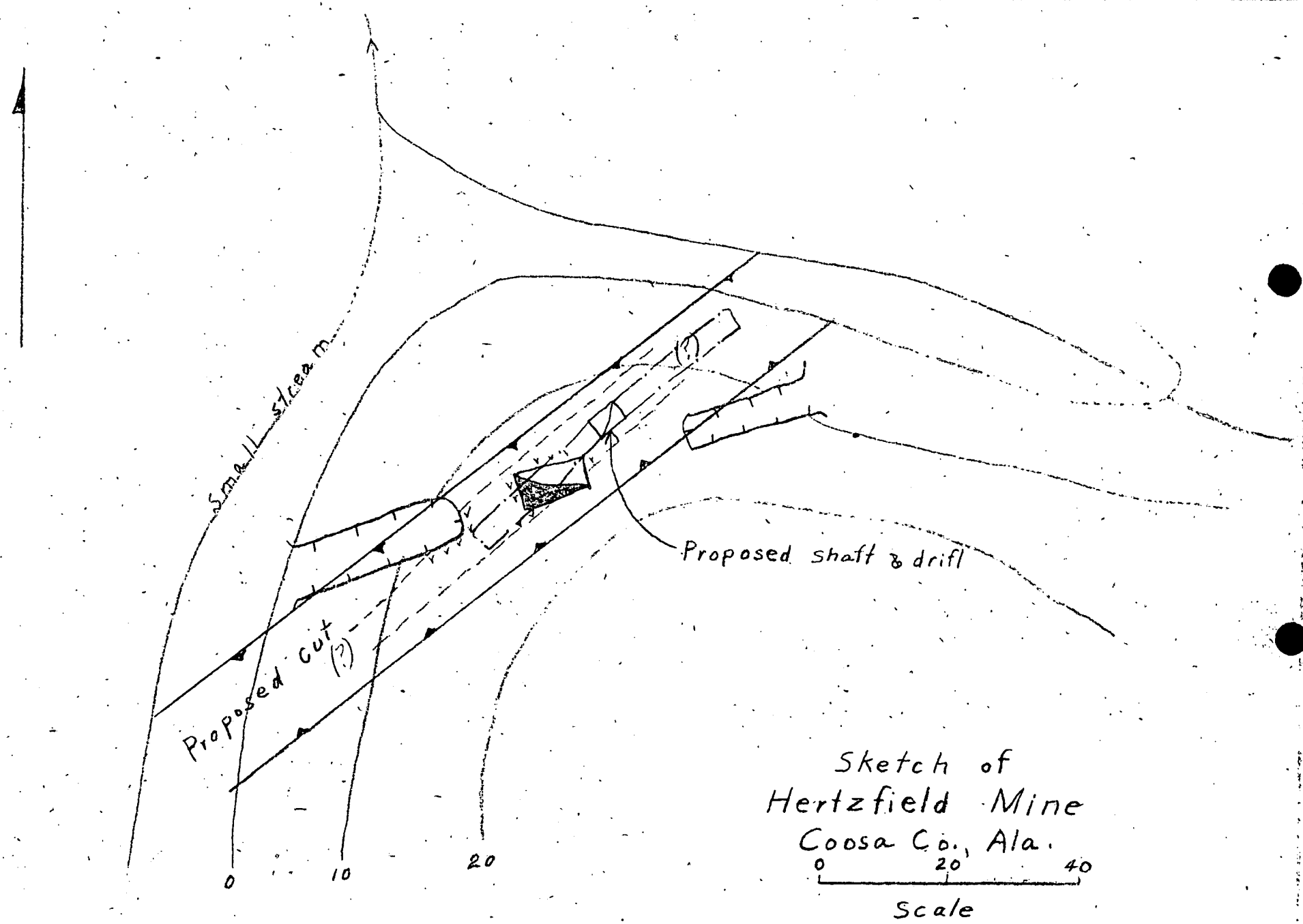
DMEA-2753 (Mica)



Sketch of
Hertzfield Mine
Coosa Co., Ala.

0 20 40
Scale

DMEA-2753 (Mica)



DMEA-2753 (Mica)

Room 13 Post Office Bldg.
Knoxville 2, Tenn.

COPY

January 20, 1953

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, Region 7

Subject: Field Examination Report on DMEA-2753 (mica). George W. Darling, applicant. Hertzfield Mine, Coosa County, Alabama.

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Enclosed are 6 extra copies of a sketch map of the mine for your use.

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

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

Reviewed by
DMEA OPERATING COMMITTEE

1-26-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

(Mica)

DMEA-2753, HERTZFIELD MINE

Hollins, Coosa County, Ala.

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

January 15, 1953

Reviewed by
DMEA OPERATING COMMITTEE

1-26-53
(date)

Field Examination Report
on

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DMEA - 2753, (Mica)
Applicant: George W. Darling, Hollins, Alabama

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The property is accessible with difficulty during wet weather by a poor woods road of one mile length. It is near the west line of the section.

The applicant has mica mining experience and appears competent to conduct the project. The applicant's property rights are covered in the transmittal letter.

There are no buildings or surface facilities on the property. Development consist of caved trenches and a caved 20-foot deep pit. The attached sketch shows the general relation of the various openings and the location and extent of the proposed exploration program.

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January 16, 1953

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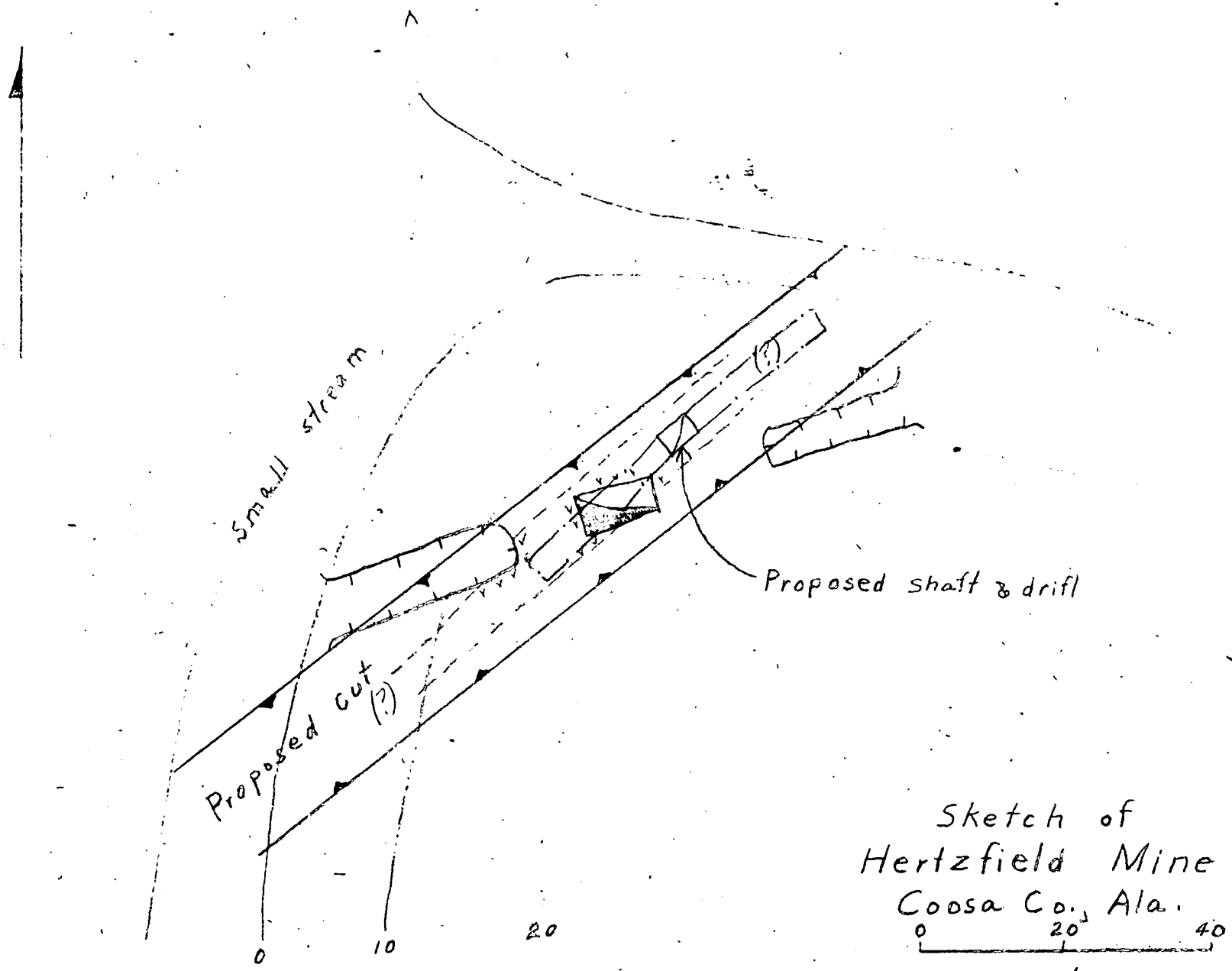

Sketch of
Hertzfield Mine
Coosa Co., Ala.

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Scale

DMEA-2753 (Mica)

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GENERAL SERVICES ADMINISTRATION

Spruce Pine Mica Depot
October 28, 1952

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

Re: Mica Samples - Hertzfeld Mine

Dear Mr. Laurence:

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Yours very truly,

s/
W. S. Flynt
Superintendent.

Copied by zm.
1-20-53
cc:
Washington-4
Beck-1
Lynch-1
Laurence-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25XDXCX

Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 15 1952

December 12, 1952

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, Region 7

Subject: Docket No. DMEA-2753 (mica) Old Herzfeld Mine, Coosa County, Alabama.
Applicant: Geo. W. Darling
Hollins, Alabama

This property was examined on December 8, 1952. The deposit appears to warrant exploration, but before a field examination report is prepared the Field Team requested the Applicant to submit to this office a copy of his lease (his rights are now covered by a certificate from the owner and is not a lease). Also, as the program of exploration which the field examiners believe is necessary will cost more than the original application requested, new copies of Owner's Consent to Lien were requested.

As soon as this information is received, the field examination report will be forwarded to your office.

Wm A Beck

Wm. A. Beck, Acting Executive Officer
D M E A - Region 7

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 8 1952

December 12, 1952

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, Region 7

Subject: Docket No. DMEA-2753 (mica) Old Herzfeld Mine, Coosa County, Alabama.
Applicant: Geo. W. Darling
Hollins, Alabama

This property was examined on December 8, 1952. The deposit appears to warrant exploration, but before a field examination report is prepared the Field Team reqiested tje Applicant to submit to this office a copy of his lease (his rights are now covered by a certificate from the owner and is not a lease). Also, as the program of exploration which the field examiners believe is necessary will cost more than the original application requested, new copies of Owner's Consent to Lien were requested.

As soon as this information is received, the field examination report will be forwarded to your office.

Wm. A. Beck, Acting Executive Officer
D M E A - Region 7

KHT/zm
cc:
O'Neill
Beck
Laurence
Lynch

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 15 1952

Room 13, Post Office Building
Knoxville, Tennessee

December 12, 1952

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, Region 7

Subject: Docket No. DMEA-2753 (mica) Old Hersfeld Mine, Coosa County, Alabama.
Applicant: Geo. W. Darling
Hollins, Alabama

This property was examined on December 8, 1952. The deposit appears to warrant exploration, but before a field examination report is prepared the Field Team reqiested tje Applicant to submit to this office a copy of his lease (his rights are now covered by a certificate from the owner and is not a lease). Also, as the program of exploration which the field examiners believe is necessary will cost more than the original application requested, new copies of Owner's Consent to Lien were requested.

As soon as this information is received, the field examination report will be forwarded to your office.

Wm. A. Beck, Acting Executive Officer
D M E A - Region 7

MMT/mm
cc:
O'Neilll
Beck
Laurence
Lynch

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
XXXXXXXXXXXXXXXX
WASHINGTON 25, D. C.

Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 15 1952

December 12, 1952

Memorandum

To: Operating Committee, D M D A - Washington

From: Field Team, Region 7

Subject: Docket No. DMEA-2753 (mica) Old Hearsfeld Mine, Coosa County, Alabama.
Applicant: Geo. W. Darling
Rollins, Alabama

This property was examined on December 8, 1952. The deposit appears to warrant exploration, but before a field examination report is prepared the Field Team requested the Applicant to submit to this office a copy of his lease (his rights are now covered by a certificate from the owner and is not a lease). Also, as the program of exploration which the field examiners believe is necessary will cost more than the original application requested, new copies of Owner's Consent to Lien were requested.

As soon as this information is received, the field examination report will be forwarded to your office.

Wm. A. Beck, Acting Executive Officer
D M D A - Region 7

KHT/sm
cc:
O'Neilll
Beck
Laurence
Lynch

FILE COPY
SURNAME:

Feitler
Robertson

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

NOV 28 1952

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

Subject: Docket No. DMEA-2753 - Mica
George T. Darling
Mollins, Alabama
Old Herzfeld Mica Mine
Coosa County, Alabama

Dear Mr. Laurence:

Reference is made to the subject application for exploration assistance at the old Herzfeld Mine, (also known as the Bently-Herzfeld-Rawls Prospect) in Coosa County, Alabama.

A field examination and report are requested. If exploration is recommended, pertinent information omitted from the application should be gathered and included in the report.

The owner's statement reciting the terms of the lease is not adequate. The applicant must submit a true copy of his lease. The Owner's Consent to Lien limits the Government contribution to $450.00. This amount may be inadequate. The lease and lien copies need to be obtained only if exploration is to be recommended.

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

Sincerely yours,

(signed) FRANK E. JOHNSON
(NB)
Chairman, Operating Committee

SH. 11-28-52

Approved:

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

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

SAFeitler:gad 11/28/52

Copy to: Admr. R. File
Docket File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

Enclosures 2

FILE COPY
SURNAME:

Feitler
Roberson
F.E. Johnson

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

NOV 28 1952

Mr. [illegible] Darling

[illegible], Alabama

Dear Mr. Darling:

Subject: [illegible]-1753 — Mica
[illegible] Darling
[illegible], Alabama
Old Herzfeld Mica Mine
[illegible] County, Alabama

Reference is made to the subject application for exploration assistance at the Herzfeld Mica Mine in Coosa County, Alabama, and your letter of November [illegible], 1952, inquiring as to the status of this application.

Your application is being referred to Mr. Robert [illegible] Laurence, Executive Officer, Mine Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for further information.

Incerely yours,

C. O. Mittendorf (fw)

Administrator

F.H. 11-28-52

GAFeitler:gad 11/23/52

Copy to: Admr. R. File
Docket File
Operating Committee (2)
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

FILE COPY
SURNAME:

DOCKET COPY

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

Room 13, Post Office Building
Knoxville 2, Tennessee

November 20, 1952

Mr. W. E. Flynt, Supt.
General Services Depot
Mica Buying Station
Box 646
Spruce Pine, N. C.

Department of the Interior
Defense Minerals Administration
Received
NOV 24 1952

Dear Mr. Flynt:

Thank you for your letter of November 18 regarding the character of six mica samples from the Mr. L. E. Wehunt property, Cherryville, North Carolina.

The enclosed samples of mica were sent to this office by Mr. George W. Darling (DMEA-2753) Hollins, Alabama. These samples are from the Herzfeld mine in Coosa County, Alabama. Mr. Darling has submitted an application for DMEA assistance, and we would like to have your opinion of the acceptability of this mica for the present Government Purchasing Program.

Sincerely yours,

Wm. A. Beck, Acting
Executive Officer, DMEA
Region VII

WAWm
cc:
Beck
Lynch
Lawrence
D. File
Opp. Com.
Encl.1

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 17 1952

November 17, 1952
Mr. Fitter

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Ceramic and Fertilizer Materials Branch.

Subject: DMEA-2753, Mica, Old Herzfeld Mica Mine,
Coosa County, Alabama

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

Brooke L. Gunsallus

Brooke L. Gunsallus

Hollins Ala. Nov 12th. 1952.

Mr Pattee

Defense Minerals Exploration Administration.

Washington D.C.

Dear Sir:

Please advise me what disposition has been made on ~~xx~~ my application for exploration assistance on DMTA-2733. Old herzfeld Mica mine.

~~Axxx~~ As Your letter dated Oct. 30th. was the last I have heard f from you. Kindly advise on it and, if You want any further information on it.

I have had a letter from Robert A. Laurence of Knoxville Tenn. about if I had registered with General Services Administration. Atlanta Ga. Yes I have A certificate of authorization from them.

Please advise me soon.

Geo W Darling

Truly Yours.

Geo. W. Darling.

[illegible]

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 13 1952

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
NOV 13 1952

November 12, 1952

Memorandum

REVIEW OF APPLICATION DMEA-2753 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: R. E. Van Alstine, U. S. Geological Survey
Applicant: George W. Darling, Hollins, Alabama.
Name of property: Old Herzfeld mica mine (also known as Bentley-Herzfeld-Rawls prospect).
Location of property: W. ½ Sec. 17, T. 24 N., R. 19 E., Coosa County, Alabama.
Estimated cost of project: $500.
Summary of applicant's proposal:

The applicant proposes an open cut for about 75', across a ridge, in order to intersect an old pit from which mica has been removed. He plans to be working in the center of the pegmatite.

Sources of information on applicant's property:

Mica and beryl examination and exploration in Cleburne, Randolph, Clay, Coosa, Chilton, Tallapoosa, and Lee Counties, Alabama: Report of Investigations 3905, U. S. Bur. Mines, p. 71, August 1946.

Comments:

1. According to the above report, the pegmatite was mined here about 26 years ago. An open cut and a 20-foot shaft are now caved. The report states that "blocks of flat "A" clear ruby mica sheeting up to 4 by 4 inches" were present in the pegmatite.

2. Applicant mentions three old pits, one of which yielded good mica. He states: "See geologist report." It is not clear what report he is referring to; has he made a geologic report available to us?

RECOMMENDATION:

Refer to field team.

R. E. Van Alstine

R. E. Van Alstine

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

Room 13, Post Office Building
Knoxville, Tennessee

October 30, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 3 1952

Mr. W. S. Flynt, Supt.
General Services Depot
Mica Buying Station
Box 846
Spruce Pine, N. C.

Re: Herzfeld Mine, Mica Samples
Coosa County, Alabama

Dear Mr. Flynt:

Thanks for your letter of October 28, commenting on the mica samples from the Herzfeld mine. The samples were submitted to us by the applicant in support of his application for DMEA aid, and are evidently the best obtainable at the present time.

Your information that the samples are ruby mica is sufficient for our purpose at this time. If the applicant has done enough work to permit collection of better samples at the time a field examination is made, we may submit additional samples at that time.

Sincerely yours,

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

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

October 30, 1952

Mr. George W. Darling
Hollins, Alabama

Subject: DMEA-2753
Re: Exploration Assistance
Old Herzfeld Mica Mine

My dear Mr. Darling:

The receipt of your application dated October 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-2753 and referred to the Nonmetallic Minerals Division.

Kindly refer to DMEA-2753 in any future correspondence relating to your application.

Sincerely yours,

R. E. ADAMS

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

25451

October 30, 1952

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-2753 - George W. Darling

R. E. ADAMS

Robert E. Adams
Chief, Operations Control
and Statistics Division

Dmea - 2753

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

Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 29 1952

October 27, 1952

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region 7

Subject: Application of George W. Darling, Hollins, Ala. (Mica)

Attached are three copies of the above application. One copy has been retained by this office according to established procedures.

Robert A. Laurence
Robert A. Laurence

IF-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
OCT 29 1952

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-2753
Metal or Mineral
Date Received 10-29-52
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:

George W. Darling. Hollins Ala.

(*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

West one half of section seventeen, township twenty four range 19R
Coosa Co Ala.

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Old Herzfeld mica mine lessee

(*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

(*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. road to mine. about three and half miles to R.R. Station
have labor available

16—66551-1

5. *The exploration project.*—(*a*) S[illegible] the mineral or minerals for which you wish [illegible] explore .....

(*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. Critical Mica

(*c*) The work will start within ..... days and be completed within ..... 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 operation. see paper attached

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. None

(*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. see separate sheet

(*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. see separate sheet

(*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)?

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

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on accompanying 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 Oct 24, 1952

George W Darling
(Applicant)

Witness By Mrs. James Reynolds

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

Extra sheet

5. The exploration project.

Critical mica.

(B) there three old pits ,and the one in center is one that the good mica was removed from. see geologist report. I purpose to begin on bottom of steep ridge with an open cut and intersect this pit as the ridge shows plenty of mica near the serface for about seventy five feet across .and I will be working about center of vein.

(D) I have worked at this and other mines and will supervise this work and work myself also.

6 , Estimated cost. about five hundred dollars .I do not expect to contract any of this work.

(B) None

(C) Expect to have to buy small pump and pipes

(D) none

(E) None

(F) Expect to build a small shed costing about fifty dollars

(G) none

(H) Will probably have to buy some explosives such as dynamite if rock gets solid.

(A)(B)

(7) I will furnish my part of Money by depositing it in the Alexander Cith Bank of Alexander City Ala.

(

MF-203
(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
OCT 29 1952

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-2753
Metal or Mineral
Date Received 10-29-52
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: George W.Darling, Hollins Ala.

(*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 West one half of section seventeen tomsnip twenty four range 19 E.Coosa Ala.

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Lessee

(*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

(*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. three old shafts 2cuts

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

(*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. road to mine about three and half miles to r.r.station

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. have labor available will use pick and shovel mostly.

16—66551-1

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

(*c*) The work will start within 30 days and be completed within 12 months from the date of an exploration project contract. see paper attached

(*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. see separate sheet

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.). none

(*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 [ ] 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 Oct 24, 1952

George W Darling
(Applicant)

Witness By Mrs James Reynolds

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

Extra sheet

5. The exploration project.

(E) Critical mica.

There are three old pits ,and the one in center is one that the good mica was removed from see geologist report. I purpose to begin on bottom of steep ridge with an open cut and intersect this pit as the ridge shows plenty of mica near the serface for about seventy five feet across .and I will be working about center of vein.

(D) I have worked at this and other mines and will supervise this work and work myself also.

6 , Estimated cost. about five hundred dollars .I do not expect to contract any of this work.

(E) None

(C) Expect to have to buy small pump and pipes

(D) none

(F) None

(E) Expect to build a small shed costing about fifty dollars

(C) none

(F) Will probably have to buy some explosives such as dynamite if rock gets solid.

(A)(B)

(7) I will furnish my part of Money by depositing it in the Alexander City Bank of Alexander City Ala.

MP-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Alabama, County of Coosa, described as follows:1/ All Mineral rights on West half of section 17 township twenty four range 19 E and also land on page

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and George D. Darling, Rolling Ala.

2/

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$Four hundred and fifty dollars., or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this _____ day of _____, 195 ___.

Blanche H. Bentley [Seal]

_____ [Seal]

_____ [Seal]

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

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(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Alabama, County of Coosa, described as follows:1/ All mineral rights on West Half of Section I7 Township Twenty four range I9 E. and mica mine on same

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2/ George W. Darling.Hollins Ala

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

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Dated this _____ day of _____, 195 ___.

Blanche H. Bentley [Seal]

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(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

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MF-203

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WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Arizona, County of Cochise, described as follows:1/ All mineral rights on

Lot Half of Section 17 Township Twenty four range 20 E. and also Lot 2 on same

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Dated this _____ day of _____, 195 ___.

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(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Alabama, County of Coosa, described as follows:1/

All Mineral rights on
West half of section I7 township twenty four range I9 E
and mica mine on same

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ George W.Darling Hollins Ala.

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ Four hundred and fifty dollars., or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this _____ day of _____, 195 ___.

Blanche H. Bentley [Seal]

_____ [Seal]

_____ [Seal]

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts, plus one-half ($\frac{1}{2}$) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion or termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

CITY OF BIRMINGHAM
ALABAMA

DEPARTMENT OF
GENERAL ADMINISTRATION
FINANCES AND ACCOUNTS
W. COOPER GREEN, MAYOR

FROM THE OFFICE OF
C. E. WIBERG
PURCHASING AGENT

October 23, 1952

Mr. George W. Darling
Hollins, Ala.

Dear Mr. Darling:

I am enclosing the extra copy as well as the lease which Harry sent me today. You said you required two copies so I have kept a third one for my files. I hope this is all properly filled out and signed as I am sure you are anxious to begin. I hope you make us both very rich!!!

If the government requires an abstract on the property you can have Mr. Henry Teal of Rockford prepare one. Of course, you understand, the abstract will be at your expense.

With best wishes for the success of your undertaking,

Sincerely,

Blanche H. Bentley

Mrs. John S. Bentley
1107 South 30 Street
Birmingham, Ala.

SEE VULCAN
IN BIRMINGHAM

October 10, 1952

Mr. George A. Darling
Hollins, Alabama

Dear Mr. Darling:

Your letter of October 9th regarding your application for a loan from the government on the Bentley property, has been received.

As you know, I visited the property several times during World War II.

In R.I. #3905, U.S. Bureau of Mines, I gave the following with regard to your property:

> "Bentley-Herzfeld-Pawls Prospect W½, Sec. 17, T24N R19E, in Coosa County, Alabama.
>
> "This prospect near the west line of the section was reputedly worked about 20 years ago by Judge Brewer and Mr. Miller when the property was owned by Mr. Pawls of Hollins. It is now owned by Mrs. Blanche Bentley of Birmingham. It was worked by an open cut about 30 feet long and a shaft about 20 feet deep, all on the pegmatite. The caved workings indicate a northeast strike and a fairly steep dip. The pegmatite was evidently was evidently made up of quartz and kaolin with blocks of flat "A" clear ruby mica sheeting up to 4 by 4 inches.
>
> "The owner and the project engineer tried unsuccessfully to obtain a lessee for this property."

You should clear up the old workings before the property can be properly examined by B.M.I.A. engineers.

Sincerely yours,

Hugh D. Pallister

Consulting Geologist

The State of Alabama)

Jefferson County)

This is to certify that I have this 23rd day of October, 1952, let and rented unto George W. Darling, residing near Hollins, Alabama, in Coosa County, the MINERAL RIGHTS on West half of Section 17, Township 24, Range 19, in said Coosa County, Alabama, for the purpose of mining and removing therefrom MICA; the said George W. Darling is to have the exclusive right and use of said mineral for a period of two years from this date on theconsideration of his paying me the sum of 15% of the proceeds of said Mica, as same is sold and payment received by him therefor; the remittance for said mica to be deposited to my account in the Alexander City Bank, Alexander City, Alabama, together with a statement or accounting of each shipment of delivery of same when received by said Darling. Failure to comply as to the terms of this lease shall then render same Null and Void, but on 30 days notice prior to expiration of this agreement, same is subject to renewal or extension by mutual consent of the parties hereto. This lease shall not be subject to transfer or assignment without written consent of the grantor hereof and it is mutually understood and agreed that the Grantor only owns said Mineral Rights together with rights to mine and remove such minerals as are recovered.

Witness my hand and seal this Oct. 23, 1953,

Blanche H. Bentley (L.S.)

Witness:

Ola C Scogin

7432 4th ave No.

Bham, Ala.