DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2508

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION PROJECT

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

Routing Slip **Copies to USBM, USGS, and Region VII.**

To:	Code 600, Rm. 4637	Date	5-5-52
To:	[illegible]	Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

600

JUN 1 6 1952

Mr. A. W. Amphlett
153 Holliday Avenue, N. E.
Atlanta, Georgia

Subject: Docket No. DMEA-2508 - Mica
Amphlett Mine
Cherokee County, Georgia

Dear Mr. Amphlett:

This letter refers to the above application for assistance in exploring the Amphlett Mine and your letter of June 5, 1952.

You have not submitted a copy of your lease, but from the paraphrase of the lease in the docket, it appears that you have mining rights until January 6, 1954. To be eligible for assistance from Defense Minerals Exploration Administration "The Operator must have, preserve and maintain, a sufficient interest in the land as owner, lessee, or otherwise, for the purposes of the exploration contract." In accordance with the contract provisions, this is ten years. A shorter period of time may be acceptable if a properly executed "Landlord's Consent to Lien" is submitted.

Inasmuch as your lease has less than two years to run and the landlord will not extend it nor will he execute a Landlord's Consent to Lien, your interest in the land does not satisfy the requirements for Government participation and your application must be denied.

Thank you for your interest in the defense minerals program.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:mp 6/10/52
cc: Docket File
Adm. Reading File
Operating Committee (2)
Field Team, Region VII (2)
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

IN REPLY REFER TO:

G-MD-JJN

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

May 12, 1952

Memorandum

REVIEW OF APPLICATION DMEA-2508 (Mica).

To: L. G. Houk, Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Applicant: A. W. Amphlett, 153 Holliday Ave., N. E., Atlanta, Georgia.
Name of property: Amphlett.
Location: Cherokee County, Georgia.

Comments:

This property is the subject of a rather extensive file under docket number DMEA-2298. A field team examination was made and exploration was recommended in February, 1952. Apparently, however, the application was withdrawn in March, 1952, because the owner did not sign a subordination agreement.

RECOMMENDATION:

Negotiate with applicant for an exploration contract in accordance with the data filed under DMEA-2298.

J. J. Norton

JJNorton:hhp
G-5/12/52
cc: Director's Reading file, 4212
Branch Reading file, 4212
DMEA
JJNorton, G-230, GSA Bldg., USGS
extra

FILE COPY
SURNAME:

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

600

JUN 16 1952

Mr. A. W. Amphlett
153 Holliday Avenue, N. E.
Atlanta, Georgia

Subject: Docket No. DMEA-2508 - Mine
Amphlett Mine
Cherokee County, Georgia

Dear Mr. Amphlett:

This letter refers to the above application for assistance in exploring the Amphlett Mine and your letter of June 5, 1952.

You have not submitted a copy of your lease, but from the paraphrase of the lease in the docket, it appears that you have mining rights until January 6, 1954. To be eligible for assistance from Defense Minerals Exploration Administration "The Operator must have, preserve and maintain, a sufficient interest in the land as owner, lessee, or otherwise, for the purposes of the exploration contract." In accordance with the contract provisions, this is ten years. A shorter period of time may be acceptable if a properly executed "Landlord's Consent to Lien" is submitted.

Inasmuch as your lease has less than two years to run and the landlord will not extend it nor will he execute a Landlord's Consent to Lien, your interest in the land does not satisfy the requirements for Government participation and your application must be denied.

Thank you for your interest in the defense minerals program.

Sincerely yours,

C. O. Mittendorf (for) 6/16

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:mp 6/10/52
cc: Docket File
Adm. Reading File
Operating Committee (2)
Field Team, Region VII (2)
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 1952

153 Holliday Ave, N E,
Atlanta, Georgia.
June 5th, 1952.

L G, Houck,
Chief Nonmetallic Mineral Division,
Defense Mineral Exploration Administration,
Washington, D C.

Mica.
DME&A. 2508.

Dear Mr Houck:-

I regret to report that the lessors of The Amphlett Mica Mine refuse to extend the lease I hold;
I might as well say I am not greatly surprised as they are narrow minded people who dont realize the benefits they would enjoy at no cost to them by the expenditure of the money contemplated;
Nor do they realize that I fully expect ~~the~~ there will be strategic mica ###### mined continuosly if Govt participates in the developement work I contemplate;

I beg to make that clear to you before you may decide against coming in;
All the proposed work will be continuosly in what I call the vein, underneath where I mined by open cut the more than $26000. sold to Colonial Mica Corp for Govt account during the war;
In conclusion it seems to ME that it will be TOO bad if you turn down the ONLY mine or prospect drilled by Bureau of Mines in the State of Georgia that showed strategic Ruby mica in all FIVE of the holes drilled;
You verify the above by searching the bulletin R.L.4239, Georgia Mica Spots by Wm A,Beck. April 1948.
In fact there was not a single mine drilled that showed even one book of mica in the core, NOT ONE. Except the Amphlett mine.
IF New Jersey Zinc Corp buy this whole 6800 acres on or before July 3rd 1954 I am to enjoy 5 years in which to mine mica on the two lots comprising the mica mine;
THEY are only interested in finding out whether the IRON PYRITES on another part will justify a big plant for SULPHUR extraction.
Needless for me to say TIME IS OF THE ESSENCE, therefore I shall hope for an early decision & shall greatly appreciate an early reply which I trust will be a fovourable one.

Yours sincerely

A W Amphlett

A W, Amphlett.

P S.
I would be willing for a much curtailed program if I got SOME assistance as I quite expect the mica produced would result in your getting back money every month.

153 Holliday Ave,

Atlanta, Ga.

May 26th, 2
1952.

DMEA2508

L G, Houck,
Chief Non metallic Minerals Division
Defense Mineral Exploration Administration
Washing ton D C.

DEPARTMENT OF THE INTERIOR
Defense Mineral Administration
RECEIVED
MAY 28 1952

Dear Mr Houck:-

In reply to your recent letter Re MICA, docket DMEA 2508; I have asked my lessors for a 3 year extension & hope for a speedy reply but I have some doubts about getting it, & I asked if they would sign Subordination although I doubt if they will sign it;

I assume that if they will do either thing you will give me the go ahead on The Amphlett Mine?.

Since I got the present lease the owners have given a 3 year option to buy the whole property before July 3rd 1954 to New Jersey Zinc Expl Corp but reserving to me the rights I have; by so doing my lease is extended to July 3rd 1954 & the Zinc Corp then executed a paper saying that if they decide to buy the property I am to have the Mica mine free for 5 years dated frmndate of purchase.

Thought the above would be of interest to you,if not then forget it;

With the great desire for Ruby mica I am confident that if you consider the facts about the Amphlett mine as set forth in R ,I, 4239, April 1948 I shall get help.

Georgia Mica Spots; Reporting findings in all the mines drilled you will see that The Amphlett Mine was the only one drilled that warranted the work done, as they report strategic mice in all 5 of the holes drilled & none whatever in any of the others; Thought this might be of interest.

Shall be glad for a speedy reply
Yours sincerely

A W Amphlett

A W, Amphlett

FILE COPY
SURNAME:

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

MAY 14 1952

S Feitler
Houk
Mendel

Mr. A. W. Amphlett
155 Holliday Avenue, N. E.
Atlanta, Georgia

Subject: Docket No. DMEA-2508 - Mica
Amphlett Mica Mine
Cherokee County, Georgia

Dear Mr. Amphlett:

Reference is made to your above application for assistance in exploring the subject mine. We are using the data in Docket DMEA-2298 submitted by Arthur T. Anderson, December 12, 1951, and withdrawn by letter of March 31, 1952.

When property is held by lease, the applicant should submit a full copy of the lease with his application. In this case, the lease is effective only until January 6, 1954, but there is mention of the "privilege of extension of time".

Without a subordination, the life of the lease is too short to allow Government participation in an exploration project. If you are able to obtain a three or more years extension of your lease, please submit a full and true copy of the lease and the extension so your application may be considered further.

The extension of the lease need only include sufficient acreage to adequately cover the pegmatite under consideration - 6000 acres are more than is necessary.

Sincerely yours,

Signed S.N. 5-14-52

Lawrence G. Houk, Chief
Nonmetallic Minerals Division
Defense Minerals Exploration
Administration

SAFeitler:mp 5/13/52
cc: Docket File
Field Team, Region VII (2)
Adm. Reading File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

IN REPLY REFER TO:

G-MD-JJN

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

May 12, 1952

Memorandum

REVIEW OF APPLICATION DMEA-2508 (Mica).

To: L. G. Houk, Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Applicant: A. W. Amphlett, 153 Holliday Ave., N. E., Atlanta, Georgia.
Name of property: Amphlett.
Location: Cherokee County, Georgia.

Comments:

This property is the subject of a rather extensive file under docket number DMEA-2298. A field team examination was made and exploration was recommended in February, 1952. Apparently, however, the application was withdrawn in March, 1952, because the owner did not sign a subordination agreement.

RECOMMENDATION:

Negotiate with applicant for an exploration contract in accordance with the data filed under DMEA-2298.

J. J. Norton

J. J. Norton

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAY 13 1952

153 HOLLIDAY AVE, N,E
ATLANTA, GA.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 15 1952

DEFENCE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON, D,C.

ATTENTION OF MR ROBERT E, ADAMS.

DEAR MR ADAMS:*

THANKS FOR YOURS OF MAY 5th re application, Docket DMEA-2508 & this is to ask in what way I can help expedite the matter as I am unable to complete preparations for a start until I know definitely you are going to join me in this exploration or developement;

Thanking you for anything you do in the matter giving me the go ahead signal

Sincerely yours

A W, Amphlett.

P S.

I am hoping for speedy approval due to the fact your field crew approved a participation in the name of Arthur Anderson, dockett 2298 which fell through because he had forfeited the sub-lease I had given him.

The work I propose to do is identical with what Anderson was to do.

EXPLORATION

Subject: DMEA-2508
Re: Exploration Loan
Amphlett Mica Mine
May 5, 1952

Mr. A. W. Amphlett
153 Holliday Ave., N. E.
Atlanta, Georgia

My dear Mr. Amphlett:

This will acknowledge receipt of your application dated April 24, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2508 and referred to the Non-Metallics Division.

Kindly refer to DMEA-2508 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS
Robert E. Adams
Administrative Officer

7862

DMEA-2508

153 Holliday Ave, N E.
Atlanta, Ga.
May 1st 1952.

Defense Minerals Exploration Administration,
Washington, D C.

Gentlemen:-

Herewith my application for assistance in exploration work on "The Amphlett Mica Mine" which I trust complies with your requirements; I might say that you may save time in this matter by my saying that an application under the name of Arthur Anderson, Dockett ~~#####~~ D MEA 2298, MICA was made & your field crew approved same but it fell through because Anderson forfeited the sub lease he held from me & I was unwilling to renew it.

What I wish to do is identical with what your field crew approved in the case of Anderson.

Trusting I shall hear from you favourably very soon

Very truly yours

A W, Amphlett.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAY - 2 1952

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA-2508
Metal or Mineral
Date Received 5-2-52
Amount $
Participation (Government %)

Name and address of applicant

A. V. ARMIGENT
156 [illegible] AVE., N.E.
ATLANTA, GEORGIA.

Date 24 April 1952

If you have already filed MF-100, give date filed Apr 24th 1952, type of assistance requested ,

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY - 2 1952

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

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

CERTIFICATION

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

(Name of company)	By (Signature of authorized official)
(Date)	Lessee (Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

APPLICATION FOR AID ANSWER SHEET
(Form MP-103)

1. a. The Amphlett Mine is fully described in Bureau of Mines Bulletin RI-4239, April, 1948, by Beck. It was operated by A. W. Amphlett from 1943 until 1945, resulting in production of over $26,000 of strategic ruby mica and sold to Colonial Mica Corp., acting as agent for U. S. Metal Reserve. The mine was shut down when the government stopped buying mica at $8.00 a pound.

   b. Property leased. Copy herewith.

   c. Lot 46, Cenna Creek District, Cherokee County.

   Note 2: As owners of this property are reluctant to sign subordination, please send me such papers as are required as an alternative and I will furnish the needed guarantee.

2. a. Mica

   b. from RI-4239: "The country rock is biotite gneiss which has been intruded by numerous sill-like bodies of pegmatite. The bodies, which are conformable with the foliation of the gneiss, strike northeast and dip on the average 45°SE. The main pegmatite body and the gneiss have been transected by a diabase dike that strikes northwest and dips steeply to moderately southwest. The pegmatites are thin but very persistent bodies that pinch and swell, both along the strike and along the dip. The pegmatite body mined in the main working is at least 500 feet long." Reasons for expecting to find deposit: see sections A-A' and B-B' on enclosed photostatic copy of map of Amphlett mica mine, which shows strategic mica having been encountered in all of the drill holes.

   Please return these copies of map when convenient.

3. a. Describe fully the proposed work and give the total cost of the project:

   I plan to sink the present shaft, which is 50 feet deep, to 100 feet deep, then drift in both directions from the bottom in the pegmatite vein to points shown in red on enclosed photostatic copy of map.

   Total cost of project should not exceed $8,000

   b. It will take from 4 to six months to start and complete project.

4. see sketch, photostatic copy.

5. Two buildings - repairs, if any, not to exceed $100.00.

6. One building - cost not to exceed $150.00

APPLICATION FOR AID ANSWER SHEET (cont.)
(Form MF-103)

7. a. One #105 air compressor rental $175.00 per month
One hoist " 75.00 " "
One air pump with hose " 40.00 " "
b. Air compressor, hoist and pump may be purchased if saving can be effected by so doing.
c. Two air drills furnished by me.

* 8. Labor to be contracted if possible. If not:

2 miners at	$12.00 per day	$24.00
2 laborers at	8.00 " "	16.00
1 working foreman at	12.00 " "	12.00
		$52.00 per day

9. Gas, oil and grease est. $100.00 per month
Drill steel " 100.00 total
100 ft. galv. pipe " 30.00 "
200 ft. cable for hoist " 50.00 "
misc. hand tools " 50.00 "

10. a. I propose to invest $1,000 in this project.
b. This amount is sufficient to cover my part of the project.

11. It is my opinion that the owners of the property will not be willing to sign the subordination papers. Therefor, I, myself, can furnish any personal guarantees you may require and shall stand ready to do so.

A. W. Amphlett
153 Holliday Ave., N.E.
Atlanta, Georgia

*About $150.00 per month for Social Security, Workmen's Compensation, insurance, etc. A pickup truck will have to be hired or bought, and will be furnished by me if not an allowable charge against the project.

One managing director will be necessary at the rate of approx. $250.00 per month.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA - 2508

Date received 5-2-52

A W. AMPHLETT
153 HOLLIDAY AVE.
ATLANTA, GEORGIA.

Name and address of applicant

Date 24 April 1952

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY - 2 1952

4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☒ Contractor.
5. Number of years in production ~~3 years, 1942-1945~~
   If not in production or operation, estimated date when production will begin ~~immediately following successful completion of negotiations with government.~~
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves. Please see U.S.D.I. Report of Investigations #4239 dated April 1948 entitled "Georgia Mica Spots."

GENERAL TECHNICAL DATA ANSWER SHEET
(to accompany Form MF-100)

1. Materials produced:
   a. Strategic Ruby Mica
   b. Some punch & the scrap from mica trimming

2. *Amphlett Mica Mine. Mine flooded only superficially. Small accumulation overnite.
   a. 50 feet of shafts
   b. No drifts and crosscuts
   c. No tunnels or adits
   d. 400 feet of open cut
   *see enclosed photostatic copy of blueprint of mine and proposed workings.

3. a. 7 miles southeast of Ballground, Cherokee County, Georgia. (nearest town and shipping point.
   b. Conns Creek mining district
   c. 4th
   d. Cherokee County, Georgia

4. a. Not in operation at present
   b. As lessee

5. 3 years, 1942-1945. Operations will begin immediately following successful completion of negotiations with government.

6. a. Applicant has had 55 years of mining and business experience.
   b. Manager of project (Harry J. Amphlett, brother) has had a similar record of experience.
   The Amphlett brothers operated this mine during the war and sold to Colonial Mica Corp. over $26,000 worth of strategic ruby mica.

7. a. For extent of exploration etc, see attached photostat of blueprint of mine operations. These operations were suspended because the price of mica dropped when gov't ceased buying 31 March 1945.
   b. none
   c. none

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

(Name of company)

By _____
(Signature of authorized official)

Apr 24 1952
(Date)

Lessee
(Title)

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

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

Copy of mining lease on Standard Pyrites Co
to A W, Amphlett.

The Trustees of Standard Pyrites Co, owning mineral rights in 6800 acres more or less in Cherokee & Forsyth Counties, Georgia, hereby grant to A W Amphlett of Atlanta Georgia, his heirs or assigns, a lease on all their rights in all the above property for the purpose of mining & marketing any or all minerals of any sort or description.

Amphlett, his heirs or assigns agree to pay the Trustees a royalty of TEN PER CENT OF the proceeds whenever received;

Lessee agrees to keep acurate books & records of his receipts, disbursements & operations & allow the Trustees access to same at their option.

In granting this lease the Trustees agree to forward the interests of Amphlett during the tenure of the properties without recourse or liability on or by said Trustees for damages of any kind;

It is further agreed that the Trustees will not undertake Or support any litigation or counter-litigation in regard to said rights & titles.

This lease shall run for a period of THREE YEARS with priviledge of extension of time as may be agreed upon if Amphlett operations are satisfactory to both parties.

In witness thereof we sign this 6th day of January, 1951.

F Miller Wright, Trustee.

Polly W, Southwell Trustee.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA-2508
Metal or Mineral
Date Received 5-2-52
Amount $
Participation (Government %)

A W, AMPHLETT
153 HOLLIDAY AVE, N,E.
ATLANTA, GEORGIA.

Name and address of applicant

Date 24 April 1952

If you have already filed MF-100, give date filed Apr 24th 1952, type of assistance requested ,

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY - 2 1952

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

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

CERTIFICATION

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

(Name of company)	By (Signature of authorized official)
(Date)	Lessee (Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

APPLICATION FOR AID ANSWER SHEET
(Form MF-103)

1. a. The Amphlett Mine is fully described in Bureau of Mines Bulletin RI-4239, April, 1948, by Beck. It was operated by A. W. Amphlett from 1943 until 1945, resulting in production of over $26,000 of strategic ruby mica and sold to Colonial Mica Corp., acting as agent for U. S. Metal Reserve. The mine was shut down when the government stopped buying mica at $8.00 a pound.

   b. Property leased. Copy herewith.

   c. Lot 46, Conns Creek District, Cherokee County.

   Note 2: As owners of this property are reluctant to sign subordination, please send me such papers as are required as an alternative and I will furnish the needed guarantee.

2. a. Mica

   b. from RI-4239: "The country rock is biotite gneiss which has been intruded by numerous sill-like bodies of pegmatite. The bodies, which are conformable with the foliation of the gneiss, strike northeast and dip on the average 45°SE. The main pegmatite body and the gneiss have been transected by a diabase dike that strikes northwest and dips steeply to moderately southwest. The pegmatites are thin but very persistent bodies that pinch and swell, both along the strike and along the dip. The pegmatite body mined in the main working is at least 500 feet long." Reasons for expecting to find deposit: see sections A-A' and B-B' on enclosed photostatic copy of map of Amphlett mica mine, which shows strategic mica having been encountered in all of the drill holes.

   Please return these copies of map when convenient.

3. a. Describe fully the proposed work and give the total cost of the project:

   I plan to sink the present shaft, which is 50 feet deep, to 100 feet deep, then drift in both directions from the bottom in the pegmatite vein to points shown in red on enclosed photostatic copy of map.

   Total cost of project should not exceed $8,000

   b. It will take from 4 to six months to start and complete project.

4. see sketch, photostatic copy.

5. Two buildings - repairs, if any, not to exceed $100.00.

6. One building - cost not to exeeed $150.00

APPLICATION FOR AID ANSWER SHEET (cont.)
(Form MF-103)

7. a. One #105 air compressor rental $175.00 per month
One hoist " 75.00 " "
One air pump with hose " 40.00 " "
b. Air compressor, hoist and pump may be purchased if saving can be effected by so doing.
c. Two air drills furnished by me.

*8. Labor to be contracted if possible. If not:

2 miners at	$12.00 per day	$24.00
2 laborers at	8.00 " "	16.00
1 working foreman at	12.00 " "	12.00
		$52.00 per day

9. Gas, oil and grease est. $100.00 per month
Drill steel " 100.00 total
100 ft. galv. pipe " 30.00 "
200 ft. cable for hoist " 50.00 "
misc. hand tools " 50.00 "

10. a. I propose to invest $1,000 in this project.
b. This amount is sufficient to cover my part of the project.

11 It is my opinion that the owners of the property will not be willing to sign the subordination papers. Therefor, I, myself, can furnish any personal guarantees you may require and shall stand ready to do so.

A. W. Amphlett
153 Holliday Ave., N.E.
Atlanta, Georgia

*About $150.00 per month for Social Security, Workmen's Compensation, insurance, etc. A pickup truck will have to be hired or bought, and will be furnished by me if not an allowable charge against the project.

One managing director will be necessary at the rate of approx. $250.00 per month.

Form MF-100
(May 1951)

U. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2508

Date received 5-2-52

A W, Amphlett
153 Holliday Ave,
Atlanta. Georgia

Name and address of applicant

Date Apr 24th 1952

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Strategic Ruby Mica
   (*b*) What are the byproducts, if any? Some punch, & the scrap from mica trimming
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

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

GENERAL TECHNICAL DATA ANSWER SHEET
(to accompany Form MF-103)

1. Materials produced:
   a. Strategic Ruby Mica
   b. Some punch & the scrap from mica trimming

2. *Amphlett Mica Mine. Mine flooded only superficially. Small accumulation overnite.
   a. 50 feet of shafts
   b. No drifts and crosscuts
   c. No tunnels or adits
   d. 400 feet of open cut
   *see enclosed photostatic copy of blueprint of mine and proposed workings.

3. a. 7 miles southeast of Ballground, Cherokee County, Georgia. (nearest town and shipping point.
   b. Conns Creek mining district
   c. 4
   d. Cherokee County, Georgia

4. a. Not in operation at present
   b. As lessee

5. 3 years, 1942-1945. Operations will begin immediately following successful completion of negotiations with government.

6. a. Applicant has had 55 years of mining and business experience.
   b. Manager of project (Harry J. Amphlett, brother) has had a similar record of experience.
   The Amphlett brothers operated this mine during the war and sold to Colonial Mica Corp. over $26,000 worth of stratégic ruby mica.

7. a. For extent of exploration etc, see attached photostat of blueprint of mine operations. These operations were suspended because the price of mica dropped when gov't ceased buying 31 March 1945.
   b. none
   c. none

(*b*) If deposit is other than plac

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

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State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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(Name of company)

Apr 24 1952
(Date)

By [illegible]
(Signature of authorized official)

Lessee.
(Title)

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

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

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Amphlett, his heirs or assigns agree to pay the Trustees a royalty of TEN PER CENT of the proceeds whenever received;

Lessee agrees to keep accurate books & recards of his receipts, disbursments & operations & allow the Trustees access to same at their option.

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It is further agreed that the Trustees will not undertake or support any litigation or Counter-litigation in regard to said rights & titles.

This lease shall run for a period of THREE YEARS with priviledge of extension of time as may be agreed on if Amphlett operations are satisfactory to both parties.

In witness thereof we sign this 6th day of January 1951.

F Miller Wright. Trustee.

Polly W, Southwell. Trustee.

[redacted]

[redacted]

Atlanta, Ga.

To Defense Minerals Exploration Administration

Washington 25 DC

4636

INTERIOR
MAY - 2 1952
SECRETARY'S
MAIL CENTER

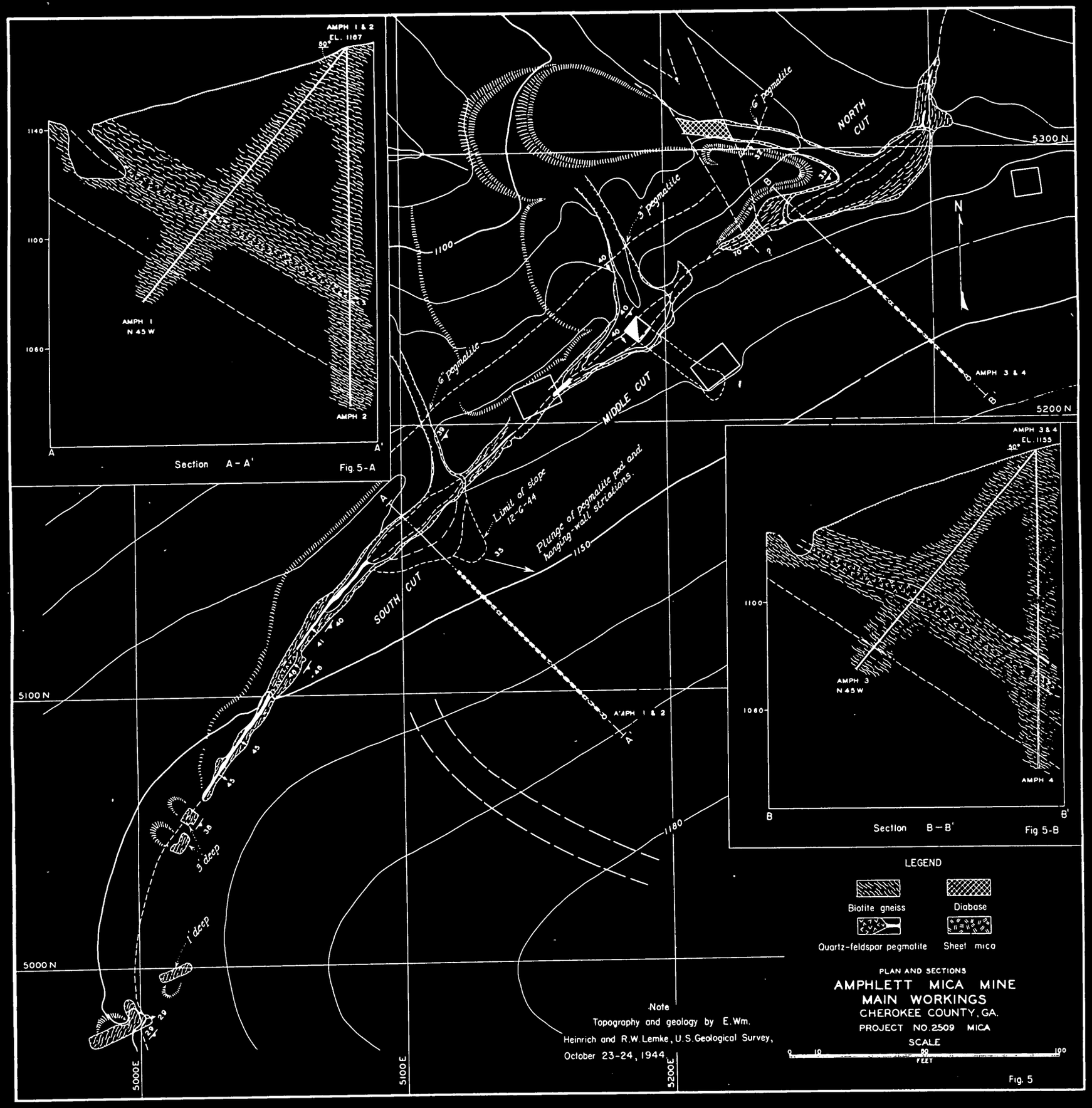
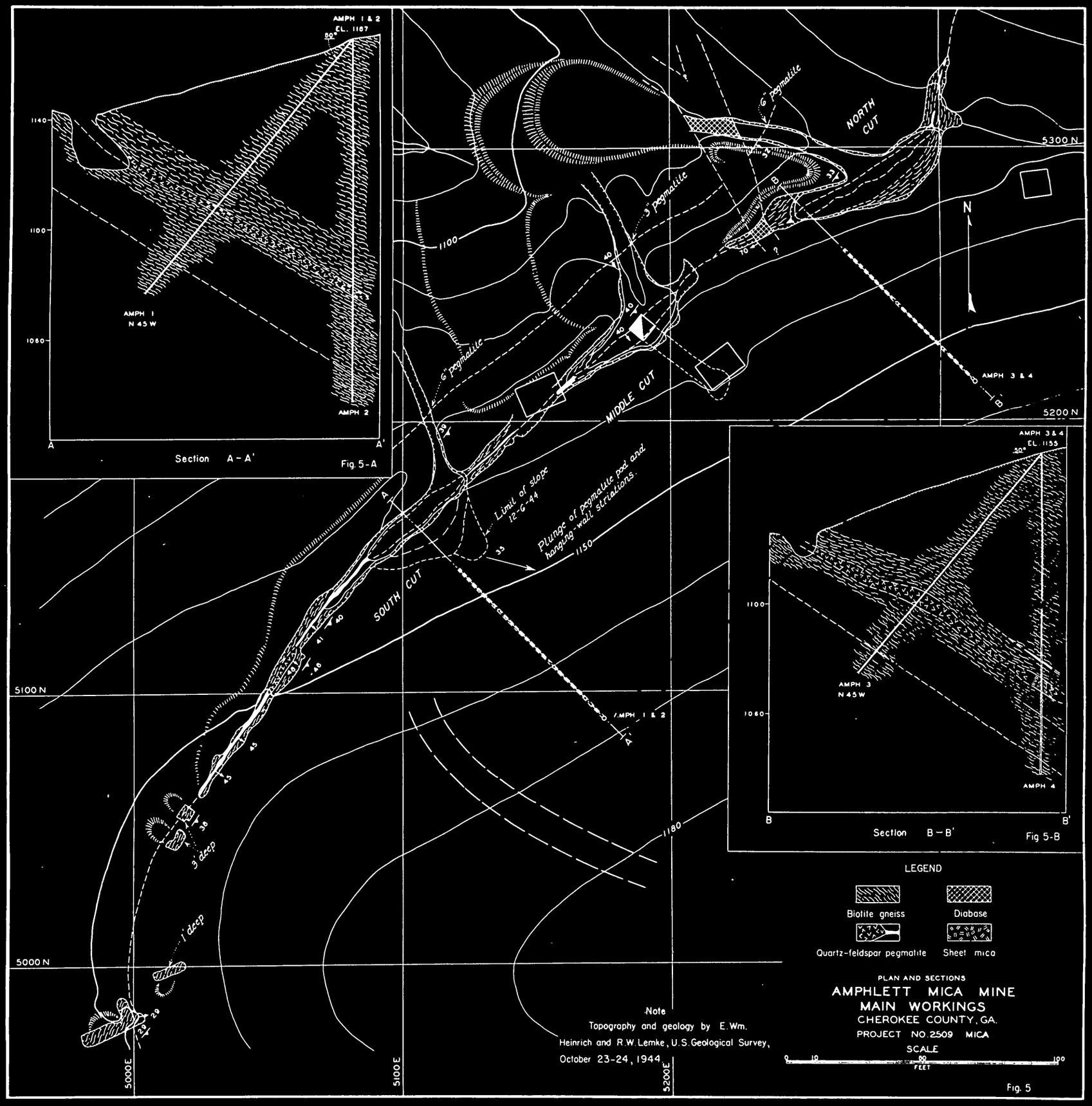


Figure 5. - Plan and sections, Amphlett mica mine, main workings.



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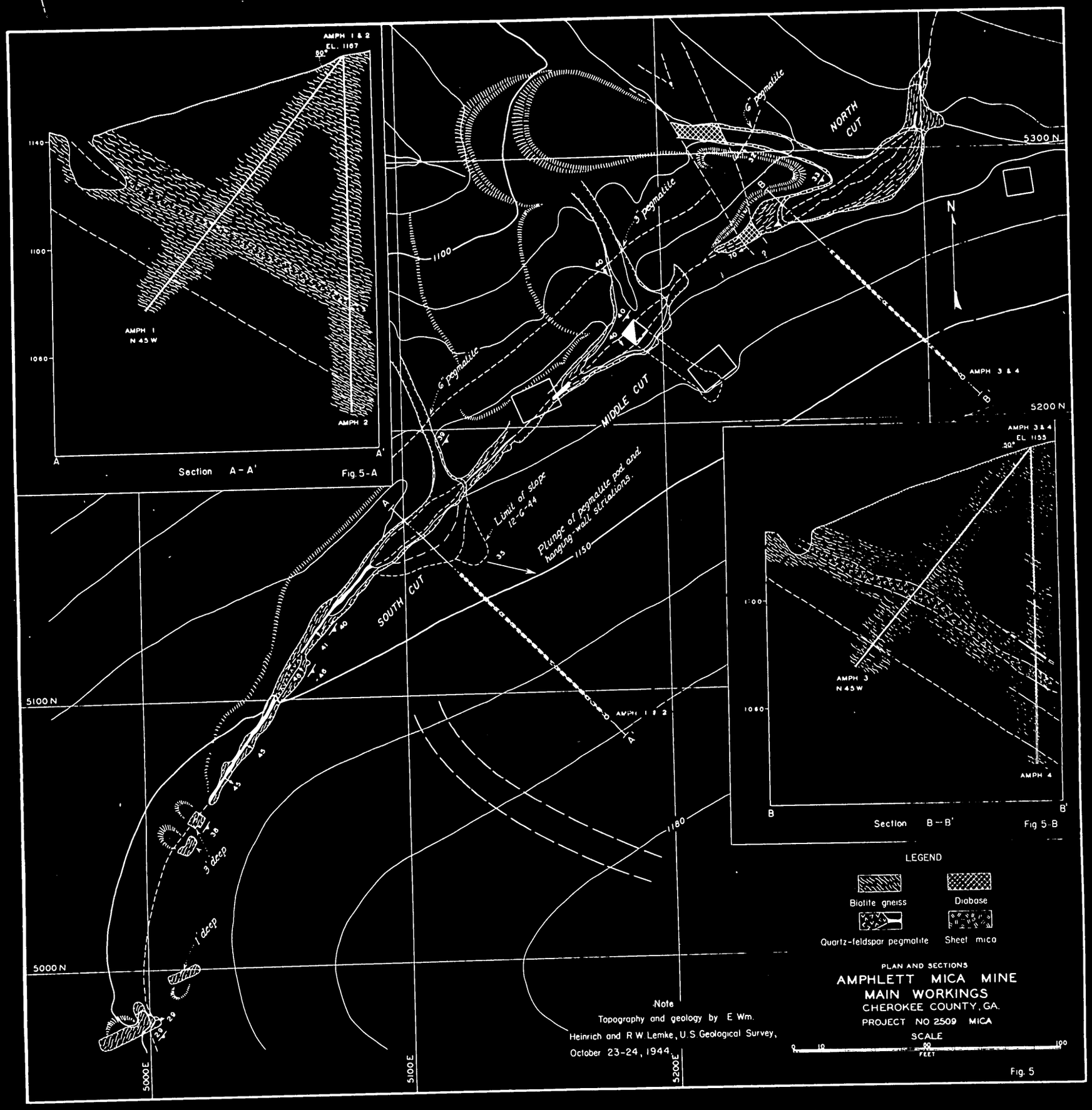

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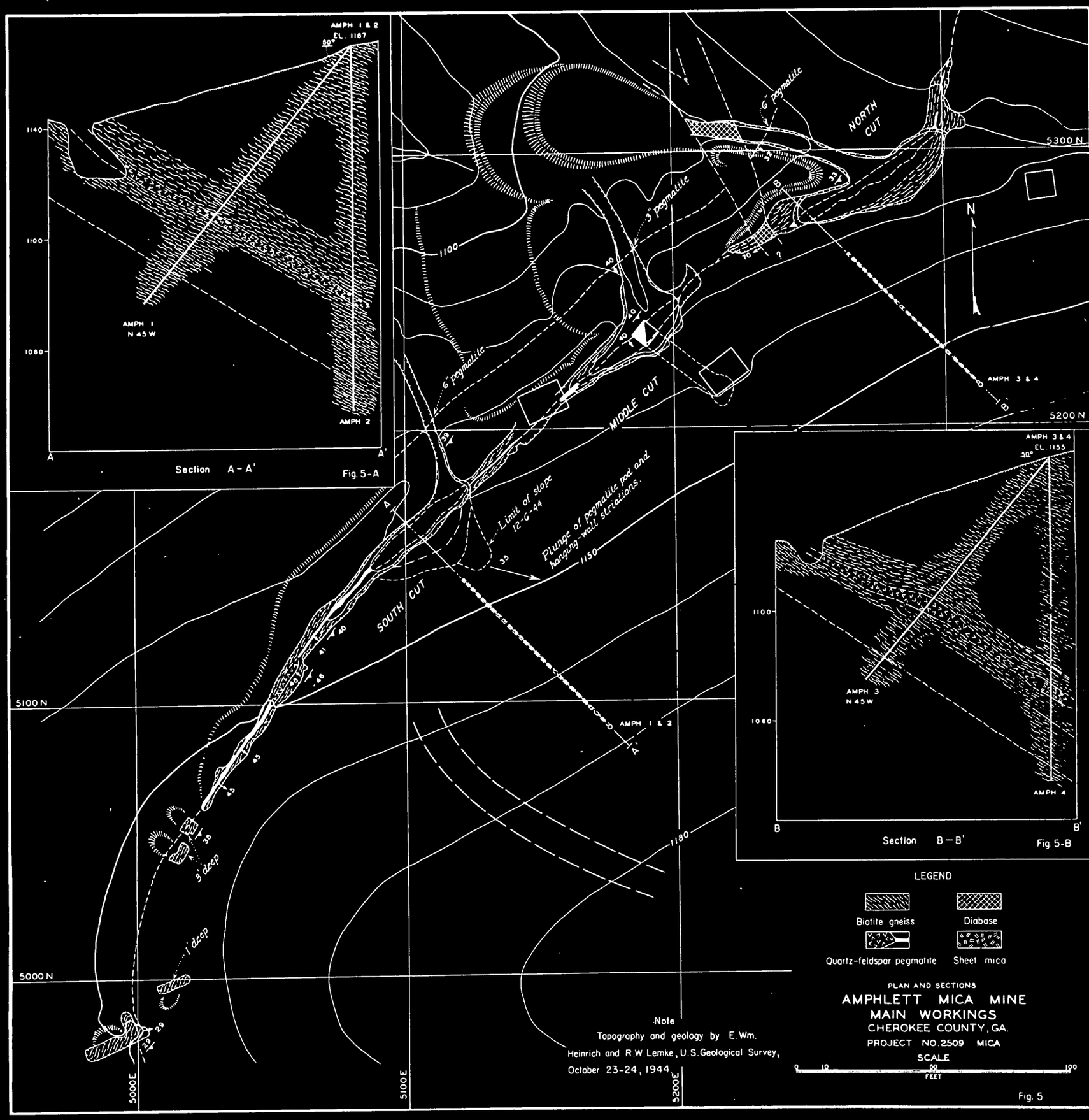

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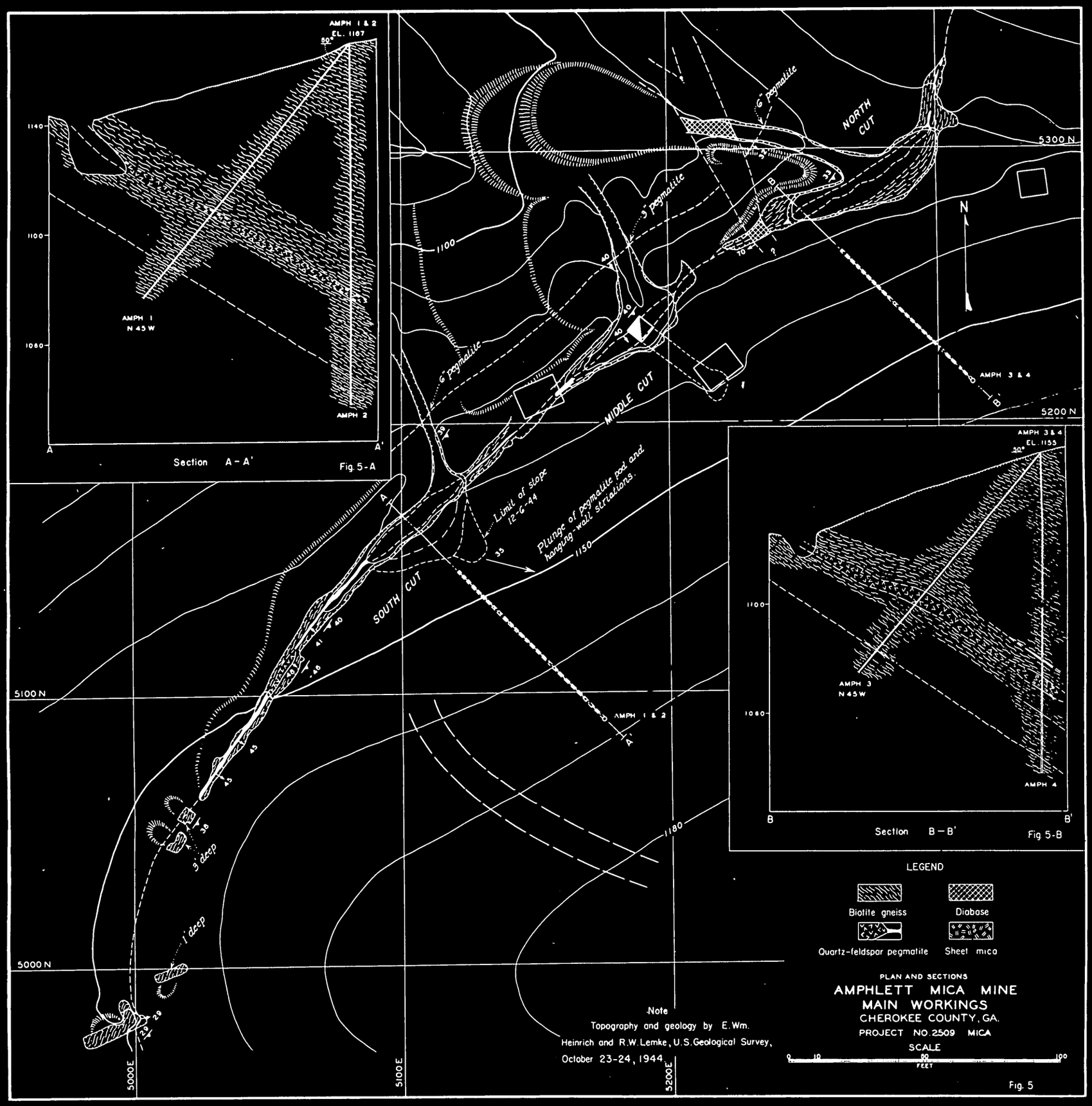

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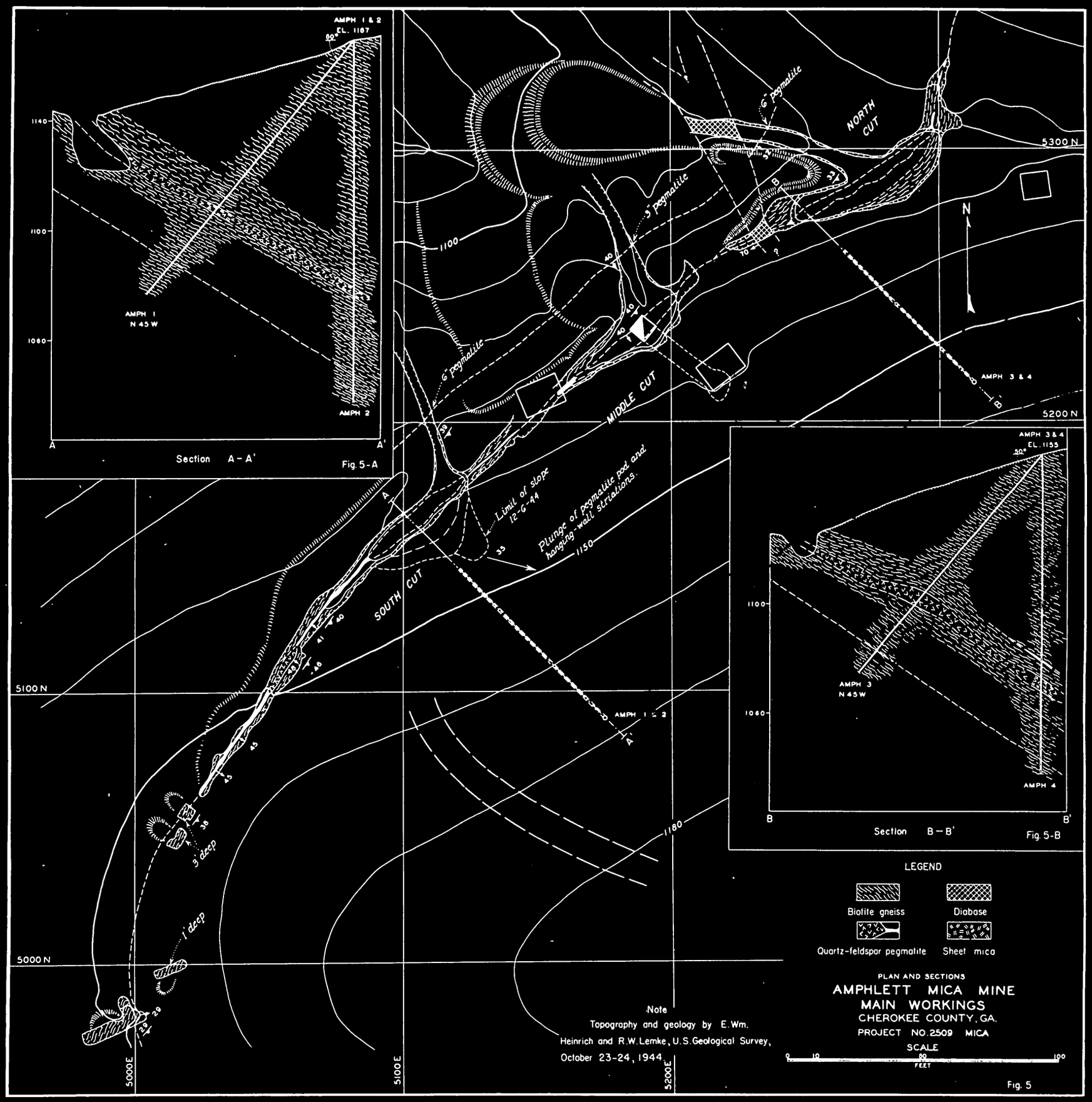

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