600

SEP 2 1953

Mr. Sam L. Phillips

Spruce Pine, North Carolina

Re: Docket No. DMA-3022 - Mica
Joe Parsons Prospect
Upson County, Georgia

Dear Mr. Phillips:

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

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

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

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

Sincerely yours,

George C. Selfridge

ACTING Administrator

WCAnderson:gad 9/2/53
Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

DMEA-3082 Mica Region VII	PHILLIPS, PHILLIPS, AND CARPENTER, SPRUCE PINE, NORTH CAROLINA. Joe Persons Prospect, Upson County, Georgia. Letter to the Applicant denying the application.	9-2-53 #263	
DMEA-3082 Mica Region VII	PHILLIPS, PHILLIPS, AND CARPENTER, SPRUCE PINE, NORTH CAROLINA. Joe Persons Prospect, Upson County, Georgia Field Report recommending approval. The report was referred to the Commodity Group.	8-14-53 #255	
DMEA-3082 Mica Region VII	PHILLIPS, PHILLIPS, AND CARPENTER, SPRUCE PINE, NORTH CAROLINA. Joe Persons Prospect, Upson County, Georgia. Letter to the Field requesting a review of the application, a field examination if necessary, and report and enclosing copies of memoranda from the Bureau of Mines and the Geological Survey. Letter to the Applicant.	7-15-53 No. 242	

September 2, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and closing review
Docket No. DMEA-3082 - Mica
Property: Joe Persons Mine (Mica)
Upson County, Georgia
Located 7.3 miles S. 76° E. of Thomaston Town Square, 0.2 mile beyond Mitchell Creek workings
Applicants: Sam L. Phillips, John Phillips and Lin Carpenter
Amount requested: $9,600.00
No contract: Application denied
Examination Report of Field Team, dated August 4, 1953
Authors: K. H. Teague and J. F. O'Neill

Docket Summary:

6/15/53 Received application Form MF-103
6/16/53 Receipt of application acknowledged.
6/19/53 Received memo from D. M. Larrabee, USGS, recommending referral to Field Team.
7/8/53 Received memo from W. F. Dietrich, USBM, recommending examination by Field Team.
8/10/53 Received Report of Examination by Field Team, Region VII. Authors: K. H. Teague and J. F. O'Neill. The Field Team recommended and exploration program in the amount of $5,390.00.
8/13/53 Received memo from D. M. Larrabee, USGS, recommending that application be denied.
8/25/53 Received memo from D. R. Irving, USBM, concurring with Field Team's recommendation.

Resume:

The Field Team reports that this exploration concerns a Y-shaped pegmatite body, 6 inches to 6 feet thick. In general the mass is conformable with the foliation of the biotite gneiss country rock. It is not conspicuously zoned and is a medium- to coarse-grained aggregate of quartz, plagioclase, blocky perthite and graphic granite. The richest concentrations of mica appear to occur in quartz-plagioclase pegmatite. The mica is light to medium brown and relatively flat and hard and marred by cracks, inclusions of quartz, clay stains, slight warping and minor imperfections.

The mine was opened during World War I and worked intermittently until October, 1944. The deposit has been explored for a strike distance of 150 feet and a vertical distance of 50 feet. The USGS reports that in general the proportion of scrap to recoverable sheet material appears to be high and that likely the last operation failed because of a scarcity of good quality mica.

The Field Team recommended an exploration program in the amount of $5,390.00, to be accomplished in two stages, Stage II to follow Stage I, if justified.

Comments and Recommendation:

The recommendation for an exploration program by the Field Team has support from D. R. Irving, USBM. However, D. M. Larrabee, USGS contends that from all indications there is a lack of good quality mica in the deposit and, therefore, recommends that the application be denied. The Field Team would sink one of the existing shafts 40 feet on the incline from the present 40 foot depth at a cost of $2,765.00 and if sufficient mica-bearing pegmatite is exposed, to drive 75 feet of drifts. The Nonmetallic Minerals Division believes that the report indicates that there is not enough assurance that the quality of mica will improve with depth to justify the expenditure of funds recommended by the Field Team and, therefore, agrees with Mr. Larrabee that the application for exploration should be denied.

SIGNED

Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 9/2/53
Copy to: Admr. R. File
Docket File
Mr. Houk

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 26 1953

August 25, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3082, Mica, Joe Persons Mine, Empire Mica Company
Upson County, Georgia

I concur in the field team's recommendation for an exploration program in the amount of $5,390.

SIGNED

Donald R. Irving

IN REPLY REFER TO:

G-MD-CHM

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

August 12, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3082 (mica)

To: L. G. Hook, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Sam L. Phillips, John Phillips, Lin Carpenter,
c/o S. L. Phillips, Spruce Pine, North Carolina.
Name of property: Joe Persons.
Location of property: 7 miles SE. of Thomaston, Upson Co., Georgia.
Date of field team report: August 4, 1953.
Authorship of field team report: K. M. Teague and J. F. O'Neill.
Field team's recommendation:

Stage 1 - 10'x12' tool house	$150.00
Recondition, timber, and install separate ladderway in shaft & 41 ft. at $15/ft.	615.00
40 ft. of 5'x7' incline at $50/ft.	2,000.00
Estimated cost of Stage 1	$2,716.00
Stage 2 - 75 ft., 5'x7' drift at $35/ft.	2,625.00
Total	$5,390.00
Time required	6 months

Comments:

Paragraph describing mica on p. 2 seems sufficient evidence for suggesting denial of the application. If previous operations failed for lack of good quality mica, why spend more (up to $5,400) on this deposit, with little assurance the quality of mica will be improved?

ACTION SUGGESTED:

Recommended that application be denied.

D. M. Larrabee

Larrabee:jeh
8/12/53
cc: Director's reading 4212
Branch reading 4212
DMEA 3 ✓
Larrabee

F

GCO

JUL 1 5 1953

Mr. Sam [illegible] Hilliard

Spruce Pine, North Carolina

Re: Docket No. [illegible] - Mica
Joe Persons Prospect
Upson County, Georgia

Dear Mr. Hilliard:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Bureau of Mines. Exploration Administration and has been referred to Mr. Robert A. [illegible], Executive Officer, Room 73, [illegible] Building, Knoxville 2, Tennessee, [illegible] from Region VII, for further consideration and possibly a field examination.

[illegible] will contact you at an early date, if an examination is [illegible]. Any assistance that you may give the [illegible] of the field team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

JHopkins:gcd 7/13/53

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

600

JUL 15 1953

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

Subject: Docket No. DMA-3082 - Mica
Sam L. Phillips, John Phillips
and Lem Carpenter
Joe Parsons Prospect
Upson County, Georgia

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it advisable.

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

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

Enclosures 4

JHopkins:gad 7/13/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 9 1953

July 8, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3082, Mica, Joe Persons Prospect, Upson County, Georgia

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

Signed

W. F. Dietrich

IN REPLY REFER TO:
G-MD-CMR

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

June 19, 1953

Memorandum

[illegible] - 3084 (Mica)

To: L. G. Hauk, Defense Minerals Exploration Administration

From: D. L. Larrabee, U. S. Geological Survey

Applicant's name and address: Sam L. Phillips, John Phillips, Ben Carpenter, Spruce Pine, North Carolina

Name of property: Joe Fe/rsons mine

Location of property: 7.25 mi. S. 65° E of Thomaston, Upson Co., Georgia.

Summary of applicant's proposal: Sink 80' x 5' x 7' shaft
Drift 100' on peg.
Crosscut 60' (total)

Sources of information on applicant's property: U.S.G.S. Prof. Paper 248-F, pp. 346-347, Colonial Mica records, War II.

Comments: 1. The crosscuts might be eliminated on a pegmatite reported to range from 6" to 6' thick, unless it widens greatly at depth.
2. War II sales to Colonial

Ruby		#1	#2	#3 Inf.
Small full	249.75	13	56	31
Large 3/4	31.17	12	52	36
Large full	19.93	16	60	24

T. J. Stevenson
Total $300.85 $1,7770.36

3. It might be advisable to set this up in stages

Recommendation:

Refer to Field Team.

D. L. Larrabee

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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-3082
Metal or Mineral
Date Received 6/15/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Sam L. Phillips, John Phillips, and Len Carpenter all of Spruce Pine, N. C.

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

(*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 This is lease property (Lease is attached in 3 (d) below.

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

(*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 Not owner

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

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

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

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

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

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

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

(*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 operations.

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

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

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

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

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

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

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

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

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

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

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

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

☐ 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 ....., 195...

.....
(Applicant)

By.....

.....

.....

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

MF 103

1. (a) Sam L. Phillips, John Phillips, and Lin Carpenter all of Spruce Pine, N. C.

   (b) Partnership

2. No Answer

3. (a) This is lease property (Lease is attached in 3 (d) below.)

   (b) Joe Persons

   (c) Lessee

   (d) Lease is attached as Exhibit A.

   (e) Not owner

   (f) Land is held by Landlord. No land patents involved.

4. (a) Physical works set forth on map attached as Exhibit B.

   (b) This mine was operated during World War II. The amount of mica produced from this mine is unknown, however, the quality of mica is excellent. While inspecting this mine we found mica in the dump and in the old scrap pile that would cut 2 x 2 good stained or better. This mica has been inspected by the Spruce Pine Depot, who appraised it as being of stockpile grade.

   (c) The past work at this mine consitsted mostly of a shaft toa depth of approximately 40 ft. It is the opinion of the applicant that none of the previous shafts ~~xxxx~~ have been sunk deep enough to cut the mica portion of the mica bearing vein.

   (d) This mine is located 7.25 miles (airline) 10 miles by road 65° E. of Thomaston, Georgia.

   (e) There is ample experienced mining manpower available. Electricty is within 300 yards of the mine. No difficulty is contemplated in obtaining equipment and supplies.

5. (a) It is anticipated that the pegmatite contains additional quantities of Ruby Mica of stockpile grade.

   (b) It is proposed to sink a 5 x 7 shaft to a depth of 80 ft. Then it is proposed to drift 100 ft. in the bottom of the shaft in the direction suggested by the U. S. Government Field Team. Then it is proposed to crosscut 30 ft. on each end of the drift to determine the mineralization of the pegmatite dike.

   (c) The work will be started as soon as the contract is approved by the Government. And the work should be concluded within 6 months.

   (d) The ability of the persons connected with this project is a matter of record with the DMEA.

6. Estimate of Cost

(a) Independent contractors - none.

(b through h) We would perfer to explore this deposit on a unit cost basis. After we get the shaft down we plan to drift along the vein in both directions to determine the mica contents of the vein. It is estimated that the cost involved is as following:

(1)	Sink a 5 x 7 shaft 80 ft. @$50.00 per ft.	$4000.00
(2)	Drive drifts & crosscuts 160 ft. @35.00 ft.	5600.00
		$9600.00

GEORGIA; LAMAR COUNTY.

For and in consideration of the sum of one dollar, the receipt of which is hereby acknowledged, the undersigned, Walter Lewis, does hereby lease unto The Empire Mica Company, a partnership composed of Sam Phillips, John Phillips and Len Carpenter, of Spruce Pine, North Carolina, form period of fi ve (5) years from this date, all of the mica, minerals and ore lying in, upon and under the following described land, to wit: All of eighty (80) acres of land in Jug District of Upson County, Georgia, and being known as the home place of Phillis Persons where she formerly lived, and bounded as follows: North by the Triune Mills property; east by lands formerly owned by Hill Cunningham; south by lands of T. J. Wheeless; and west by lands formerly owned by Arthur Atwater. This is the identical property described in a deed from the Citizens and Southern Bank of Thomaston to J. T. Mitchell and Walter Lewis, recorded in Deed Book 77, page 291, in the Clerk's Office, Upson Superior Court.

It is understood and agreed that if the said property is not mined at any time for a period of ninety (90) days, then either party hereto has the right to cancel this lease by giving the opposite party a thirty (30) day notice, in writing, in order to terminate this lease.

It is further agreed and understood that in addition to the consideration stated above, the lessee shall pay a royalty of 12½ per cent of all sales of all ores, minerals and mica sold and shipped from said premises, payment for the same to be made on the 20th. day of the month following the sale and actual shipment of said ores, mica and/ of minerals; lessee to provide lessor with a statement of weights and an itemized statement of all sales, during the month following the month of such shipment.

If the lessee should fail to pay any of the royalty provided for in the preceding paragraph hereof or fails to provide lessor with the statement of weights and itemized statements of sales of such ores, mineral and mica, the lessor may

demand payment and/or such statements by registered mail, addressed to the lessor at Spruce Pine, North Carolina, and the lessee shall have thirty (30) days from the receipt of said written notice in which to pay the said sums due hereunder and to furnish said written statement and upon failure to make such payment or to make such written statement, lessor has the right to declare this lease null and void.

In addition to the other usual and ordinary rights and privileges which lessees of such properties have in connection with leases of this character, and not in limitation os such rights and privileges, the lessee shall have the fight to enter upon, explore, prospect for, mine, dig, and remove, and to wash, process, refine, improve, beneficiate, manufacture, or otherwise prepare for the market of for sale any and all mica, minerals, and ore forund upon, in or under said property during the period of this lease. Said mica, minerals and ores may be removed from this property and partielly or completely washed, processed, refined, improved, beneficiated, manufactured, or otherwise prepared for the market or for sale upon other property not belonging to lessor.

The lessor shall have the right to construct and erect such plants, buildings, machinery, equipment, and devices upon such property as he may deem desireable to the full and complete enjoyment of the rights and privileges herein granted, and this instrument shall be construed to give them the right to use the said property in any way so as to enjoy such rights and privileges to the fullest extent.

Among other rights, the lessee may construct and operate washers, processing amd manufacturing plants of all kinds, maintain dirt and rock dumps, mud dams, settling ponds, reservoirs, tramways, roadways, passage ways, railroads, warehouses, storage plants, shops, power lines, waterlines, pumps, and pumping stations, gas mains, conduits of all kinds, and buildings, machinery, equipment and devices of all kinds and character, either on, below or above the ground, for the full enjoyment of the rights and privileges herein granted. This shall include any and all

buildings, machinery, equipment, or devices of every kind and character which may hereafter be deemed advisable by the lessee whether in use at the present time or not.

Lessee shall have the right to conduct water, gas, electricity, or other desirable materials or things, under, over and across said property to be used for the purpose of enjoying the rights and privileges herein granted, (including the use of such timber as lessee may deem necessary in enjoying the rights and privileges herein granted and in constructing any of the things herein permitted.

The lessee shall not be liable for any damages done to said lands or any improvements on same.

The finished ore, mica and minerals mined from this property shall be kept separate from the ores, mica and minerals mined on other properties. The lessor shall have the right to inspect said ore, mica and minerals and/or records, and the records of shipping weights, etc. during business hours.

Lessor shall have right at any reasonable time during business hours to inspect the records in connection with the weights and sales slips of the ores, mica and minerals sold and shipped from the leased premises and to inspect all bills of lading covering shipments of ore, mica and minerals sold and shipped from the leased premises.

Lessee shall have the right to pay the royalties due by check made payable to the order of the lessor and mailed to the last known address of lessor.

Lessee shall have the right to renew this lease for an additional five (5) years by written notice sent by registered mail to the last known address of lessor not less than thirty (30) days prior to the expiration date of this lease.

At any and all times during the life of, and within one hundred twenty (120) days after the termination of this agreement, either by expriation or cancellation, the lessee shall have the right to remove any and/or all buildings, plants, tools,

machinery, equipment, devices and mined ore from said property.

Notwithstanding any of the other provisions contained in this instrument, the lessee is given the option to purchase the mica, mineral and ore rights on aforesaid described property at any time during the life of this instrument, and which shall extend during any and all renewals of this lease, for and at the sum of four thousand dollars ($4,000.00), with the further understanding that all royalties paid during said period of time before the said option is exercised shall apply toward the purchase price of said four thousand dollars ($4,000.00).

The undersigned warrants that he is the owner of the said described property and that the title to said property is free and clear of all liens.

Whenever the terms "lessor" and "lessee" are used in this agreement they shall be deemed to include one or more, as the case may be, and their heirs, successors and assigns.

IN WITNESS WHEREOF, said undersigned has hereunto set his hand and affixed his seal in triplicate, this the 30th day of May, 1953.

SS/ Walter Lewis (SEAL)

Signed, sealed and delivered
in the presence of:

SS/ Harvey J. Kennedy

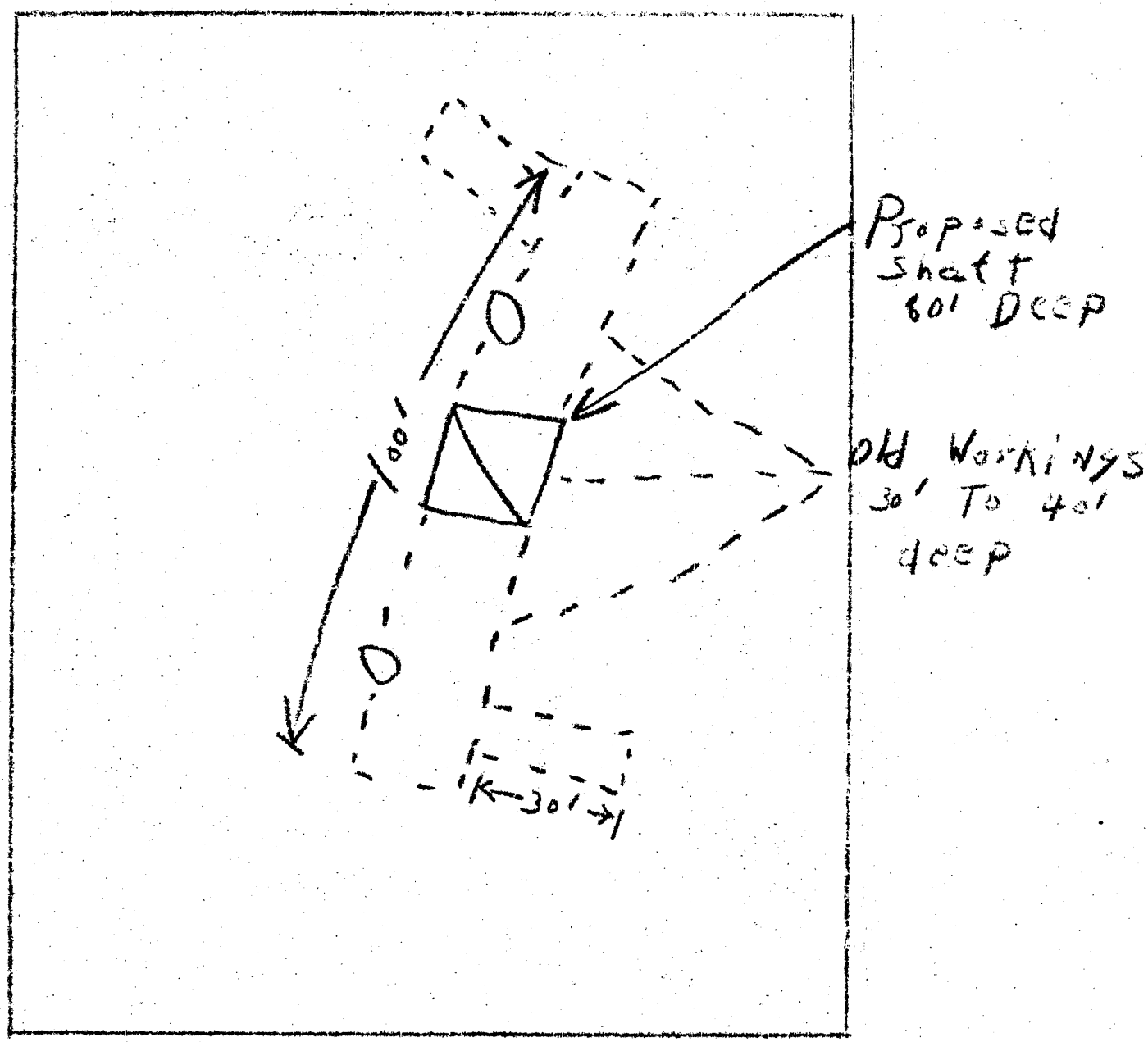
SS/ Hughanne Dunbar N. P.
Lamar County, Ga.
My Com. expires June 27, 1953

NORTH CAROLINA; MITCHELL COUNTY.

The Empire Mica Company does hereby accept the above amendment to the original lease, and agrees to the terms of said lease, and agrees that the terms of same stand in full force and effect.

EMPIRE MICA COMPANY

BY: SS/ Sam L. Phillips



Joe Persons Prospect

DMEA - 3082

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3082

DO NOT DETACH THIS SLIP

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

This document has been recorded as

Exploration Assistance

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

Copies to USGS, ~~USBM AND~~ Region VII

Routing Slip

To:	Code 600, Rm. 4637	Date	6/16/53
To:	Feitler	Date	6/16/53
To:	Oper Com	Date	7-15-53
To:	Code 600-Rm 4637	Date	7-16-53
To:	Oper Com	Date	9-2-53
To:		Date	
To:		Date	
To:		Date	
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:

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

Anderson
Houk
Ellis
Olive
Lindrel
Selfridge

SEP 2 1953

Mr. Sam L. Phillips

Spruce Pine, North Carolina

Re: Docket No. DMEA-3082 - Mica
Joe Persons Prospect
Upson County, Georgia

Dear Mr. Phillips:

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

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

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

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

Sincerely yours,

George C. Selfridge (for)

ACTING Administrator

WCAnderson:gad 9/2/53
Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.G.
9-2-53

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

September 2, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and closing review
Docket No. DMEA-3082 - Mica
Property: Joe Persons Mine (Mica)
Upson County, Georgia
Located 7.3 miles S. 76° E. of Thomaston Town Square, 0.2 mile beyond Mitchell Creek workings
Applicants: Sam L. Phillips, John Phillips and Lin Carpenter
Amount requested: $9,600.00
No contract: Application denied
Examination Report of Field Team, dated August 4, 1953
Authors: K. H. Teague and J. F. O'Neill

Docket Summary:

6/15/53 Received application Form MF-103
6/16/53 Receipt of application acknowledged.
6/19/53 Received memo from D. M. Larrabee, USGS, recommending referral to Field Team.
7/8/53 Received memo from W. F. Dietrich, USBM, recommending examination by Field Team.
8/10/53 Received Report of Examination by Field Team, Region VII. Authors: K. H. Teague and J. F. O'Neill. The Field Team recommended and exploration program in the amount of $5,390.00.
8/13/53 Received memo from D. M. Larrabee, USGS, recommending that application be denied.
8/25/53 Received memo from D. R. Irving, USBM, concurring with Field Team's recommendation.

Resume:

The Field Team reports that this exploration concerns a Y-shaped pegmatite body, 6 inches to 6 feet thick. In general the mass is conformable with the foliation of the biotite gneiss country rock. It is not conspicuously zoned and is a medium- to coarse-grained aggregate of quartz, plagioclase, blocky perthite and graphic granite. The richest concentrations of mica appear to occur in quartz-plagioclase pegmatite. The mica is light to medium brown and relatively flat and hard and marred by cracks, inclusions of quartz, clay stains, slight warping and minor imperfections.

The mine was opened during World War I and worked intermittently until October, 1944. The deposit has been explored for a strike distance of 150 feet and a vertical distance of 50 feet. The USGS reports that in general the proportion of scrap to recoverable sheet material appears to be high and that likely the last operation failed because of a scarcity of good quality mica.

The Field Team recommended an exploration program in the amount of $5,390.00, to be accomplished in two stages, Stage II to follow Stage I, if justified.

Comments and Recommendation:

The recommendation for an exploration program by the Field Team has support from D. R. Irving, USBM. However, D. M. Larrabee, USGS contends that from all indications there is a lack of good quality mica in the deposit and, therefore, recommends that the application be denied. The Field Team would sink one of the existing shafts 40 feet on the incline from the present 40 foot depth at a cost of $2,765.00 and if sufficient mica-bearing pegmatite is exposed, to drive 75 feet of drifts. The Nonmetallic Minerals Division believes that the report indicates that there is not enough assurance that the quality of mica will improve with depth to justify the expenditure of funds recommended by the Field Team and, therefore, agrees with Mr. Larrabee that the application for exploration should be denied.

Walter C. Anderson

Walter C. Anderson
Nonmetallic Minerals Division

FILE COPY
SURNAME:

Anderson
Hawk

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

September 2, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and closing review
Docket No. DMEA-3082 - Mica
Property: Joe Persons Mine (Mica)
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No contract: Application denied
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Resume:

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R. C. G.
9-2-53

The mine was opened during World War I and worked intermittently until October, 1944. The deposit has been explored for a strike distance of 150 feet and a vertical distance of 50 feet. The USGS reports that in general the proportion of scrap to recoverable sheet material appears to be high and that likely the last operation failed because of a scarcity of good quality mica.

The Field Team recommended an exploration program in the amount of $5,390.00, to be accomplished in two stages, Stage II to follow Stage I, if justified.

Comments and Recommendation:

The recommendation for an exploration program by the Field Team has support from D. R. Irving, USBM. However, D. M. Larrabee, USGS contends that from all indications there is a lack of good quality mica in the deposit and, therefore, recommends that the application be denied. The Field Team would sink one of the existing shafts 40 feet on the incline from the present 40 foot depth at a cost of $2,765.00 and if sufficient mica-bearing pegmatite is exposed, to drive 75 feet of drifts. The Nonmetallic Minerals Division believes that the report indicates that there is not enough assurance that the quality of mica will improve with depth to justify the expenditure of funds recommended by the Field Team and, therefore, agrees with Mr. Larrabee that the application for exploration should be denied.

Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 9/2/53
Copy to: Admr. R. File
Docket File
Mr. Houk

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 26 1953

August 25, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3082, Mica, Joe Persons Mine, Empire Mica Company
Upson County, Georgia

I concur in the field team's recommendation for an exploration program in the amount of $5,390.

Donald R. Irving

Donald R. Irving

203

IN REPLY REFER TO:

G-MD-CNM

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

August 12, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3082 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Sam L. Phillips, John Phillips, Lin Carpenter, c/o S. L. Phillips, Spruce Pine, North Carolina.
Name of property: Joe Persons.
Location of property: 7 miles SE. of Thomaston, Upson Co., Georgia.
Date of field team report: August 4, 1953.
Authorship of field team report: K. H. Teague and J. F. O'Neill.
Field team's recommendation:

Stage 1 - 10'x12' tool house	$150.00
Recondition, timber, and install separate ladderway in shaft E 41 ft. at $15/ft.	615.00
40 ft. of 5'x7' incline at $50/ft.	2,000.00
Estimated cost of Stage 1	$2,716.00
Stage 2 - 75 ft., 5'x7' drift at $35/ft.	2,625.00
Total	$5,390.00
Time required	6 months

Comments:

Paragraph describing mica on p. 2 seems sufficient evidence for suggesting denial of the application. If previous operations failed for lack of good quality mica, why spend more (up to $5,400) on this deposit, with little assurance the quality of mica will be improved?

ACTION SUGGESTED:

Recommended that application be denied.

D M Larrabee

D. M. Larrabee

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-3082, JOE PERSONS MINE (Mica)

Upson County, Georgia

By

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

James F. O'Neilly, Mining Engineer
U. S. Bureau of Mines

August 4, 1953

Field Examination Report
on
DMEA-3082, JOE PERSONS MINE (Mica)

Applicants: Sam L. Phillips, John Phillips, and Lin Carpenter, c/o Sam L. Phillips, Spruce Pine, North Carolina

This deposit appears to have merit for exploration -- in two stages. The mica is ruby colored and of stockpiling grade. Previous work has been confined to the pegmatite above the 40-foot level, thus the project should be directed towards exploring the deposit below that level.

The deposit was examined July 23, 1953. Messrs. Sam L. Phillips, Clingman Ellis, and Walter Lewis accompanied the examiners on the inspection, which required two hours.

The following description of the mine is from U.S.G.S. Professional Paper 248-F, p. 346:

"The Joe Persons mine (location 27, pl. 27), which is 7.3 miles S. 76° E. of the Thomaston town square, is 0.2 mile by road beyond the Mitchell Creek workings and on the opposite side of the creek. The deposit was opened by Joe Persons during World War I, presumably in the vicinity of shaft A (fig. 124). This work was continued by James Howell and L. M. Johnson, and in 1923 the deposit was leased to J. E. Burleson, who deepened the shaft to 45 feet and intersected pegmatite at about the 37-ft level. From the bottom of the shaft a 45° raise was driven to the surface (pit 1, fig. 124), and drifts were run northeast and southwest from points near the top of the raise. The southwest drift probably connects shafts B and C. Shaft D was later sunk to a depth of 20 feet.

"Early in 1943 the deposit was leased to T. J. Stevenson, of Thomaston, who mined intermittently until October 1944. He operated in the workings from shaft A and later developed a 55° down-dip stope from shaft C. Pit 3 then was dug and a 35° down-dip stope was sunk to a depth of about 40 feet. Subsequently shaft E was sunk to a depth of 41 feet and drifts were extended northeast and southwest at the 37-ft level.

"The pegmatite body, which is 6 in. to 6 ft. thick, strikes N. 30° to 70° E. and dips moderately southeast. It is Y-shaped in section, and the junction of its branches plunges moderately southeast. The thickness increases with depth. In general the mass is conformable with the foliation of the biotite gneiss country rock. Near the pegmatite contacts the gneiss has been altered. The deposit has been explored for a strike distance of 150 ft and a vertical distance of about 50 ft. In general it is not conspicuously zoned and is a medium- to coarse-grained aggregate of quartz, plagioclase, blocky perthite, and graphic granite.

Glassy pale-green apatite is a common minor constituent, and many small, rose-violet garnets occur near contacts with the country rock. In pit 3 a central gneiss septum is present in the pegmatite.

"The richest concentrations of mica appear to occur in quartz-plagioclase pegmatite that locally contains pods of burr rock, or quartz with disseminated small mica books. The mica, which is light to medium brown, is relatively flat and hard. It is marred by throughgoing cracks, inclusions of quartz, and tied structure. Clay stains and slight warping are minor imperfections. In general the proportion of scrap to recoverable sheet material appears to be high. It seems likely that the last operation failed because of a scarcity of good-quality mica."

There are no facilities or buildings on the property and only a small tool house will be required for the proposed project. Manpower, supplies, materials and water are readily available.

The applicants' proposed exploration program is more extensive than necessary. A more economical method of exploring the deposit would be to clean out, rehabilitate, and timber shaft E, which is 41 ft deep and 7' x 7' in cross section; then it should be inclined down the dip of the pegmatite for 40 feet. If at the conclusion of the incline sinking sufficient mica-bearing pegmatite is exposed to justify drifting, 75 ft. of drifts should be driven from the incline in both directions on the pegmatite.

The examiners recommend the above program be set up in two stages. Estimated cost is as follows:

Stage 1:

10' x 12' tool house	$150.00
Recondition, timber, and install separate ladderway in shaft E -- 41 ft. at $15/ft	615.00
40', 5' x 7' incline at $50/ft	2000.00
Estimated cost Stage I - -	$2765.00

Stage 2

75 ft., 5' x 7' drift, at $35/ft	2625.00
Estimated cost Stages 1 and 2	5390.00
Estimated time required	6 months

August 4, 1953

Kefton H. Teague, Geologist, USGS

ad/

James F. O'Neill, Min. Engr., USBM

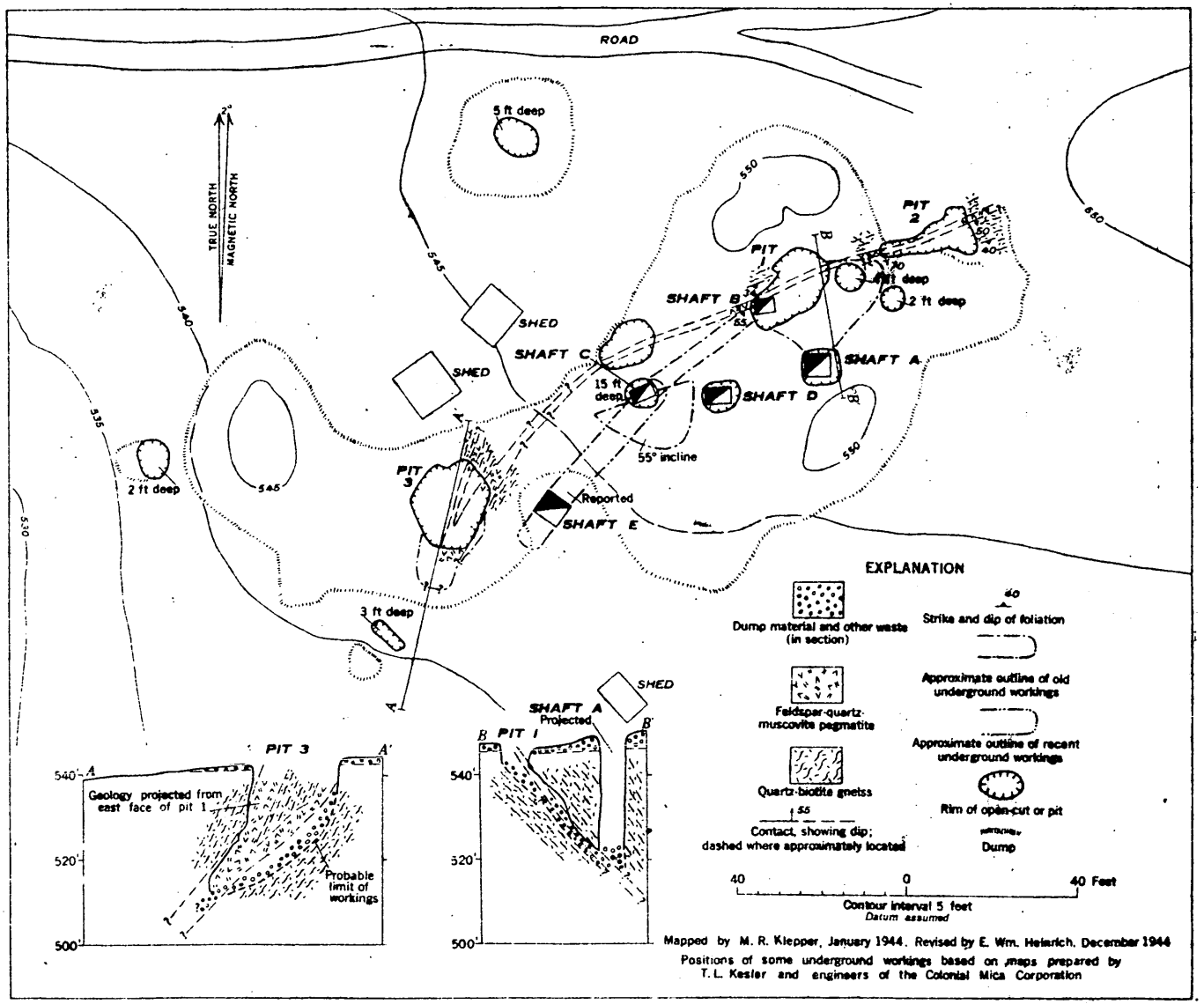


FIGURE 124.—Geologic map and sections of the Joe Persons mine, Upson County, Ga.

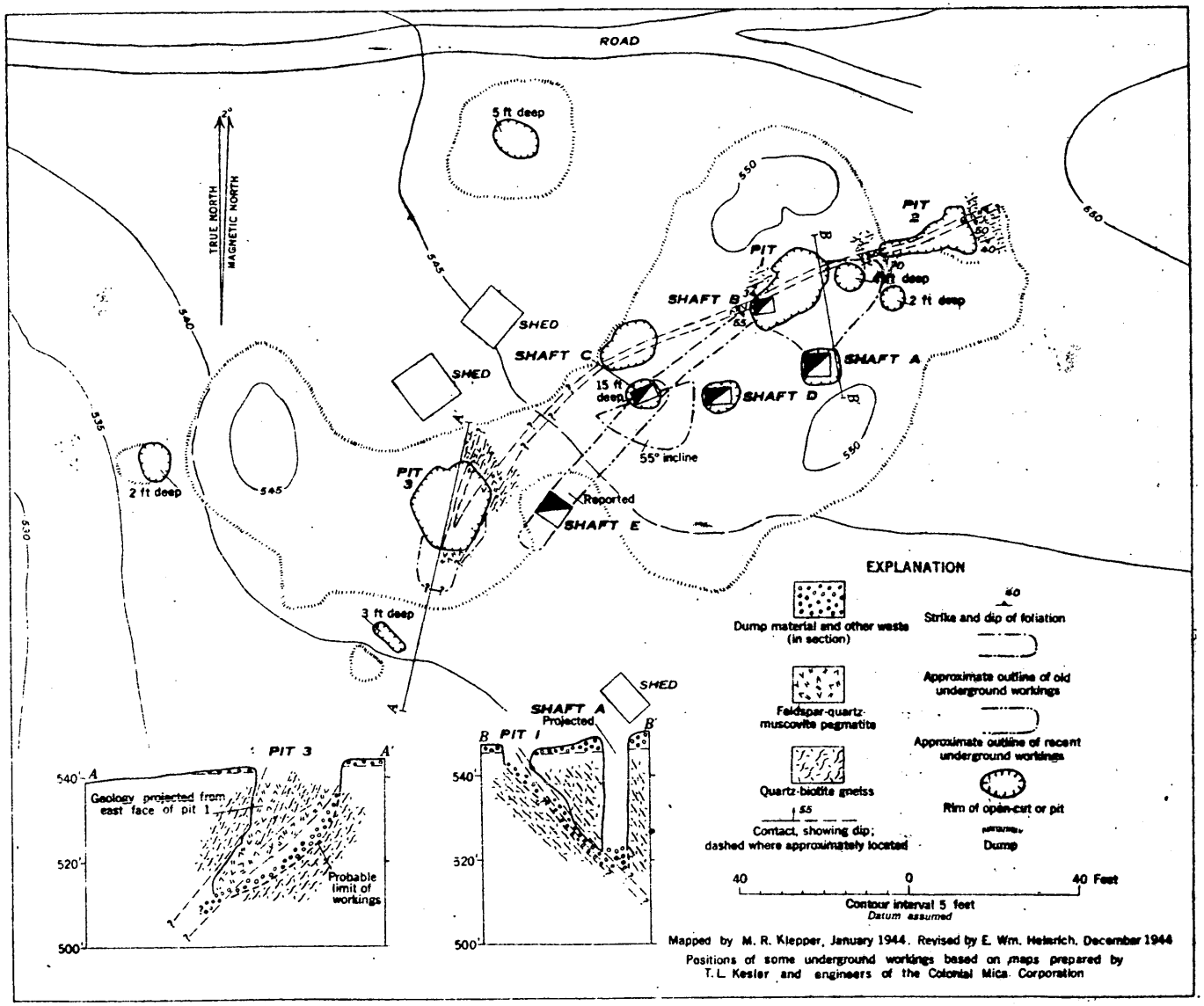
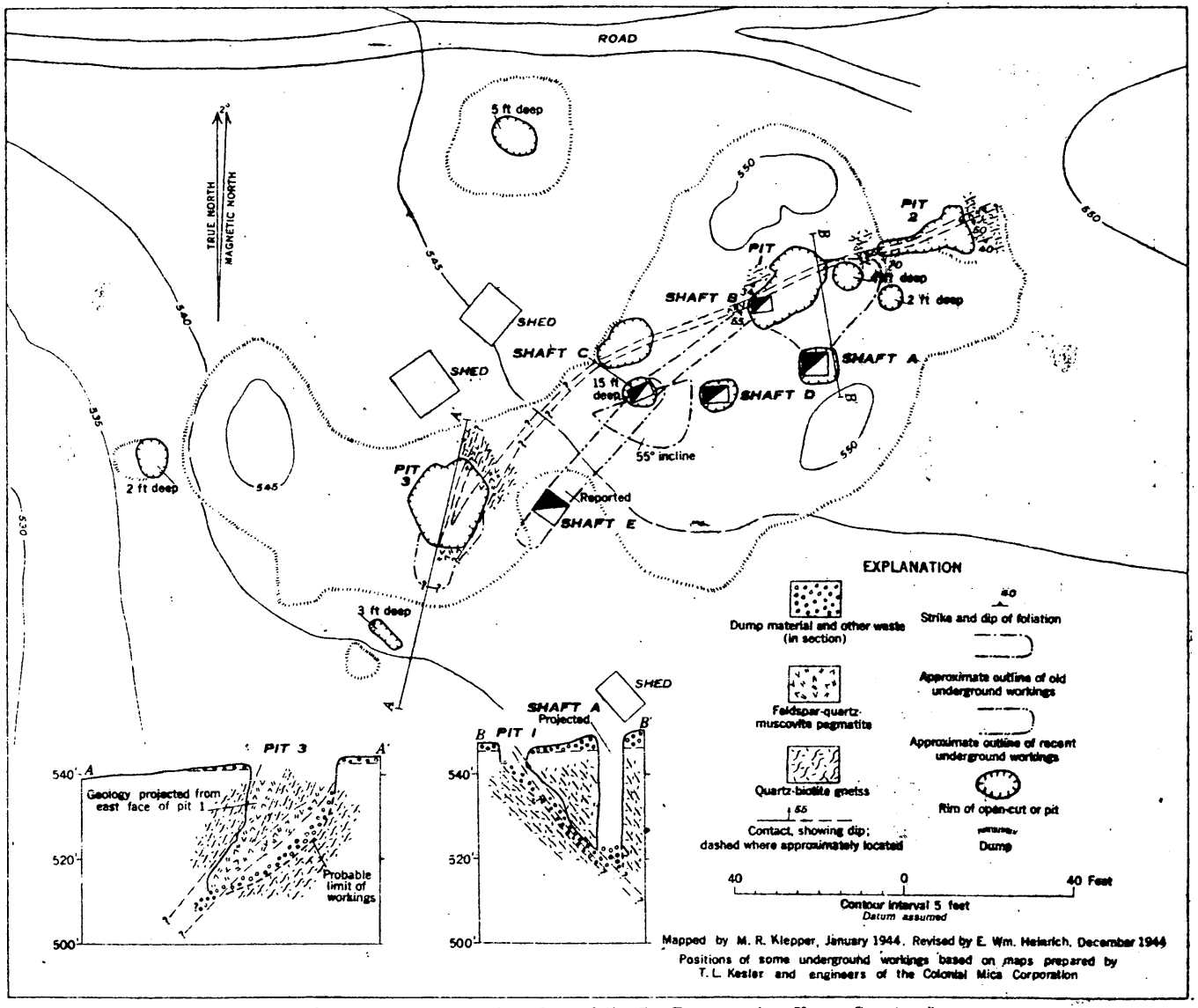


FIGURE 124.—Geologic map and sections of the Joe Persons mine, Upson County, Ga.



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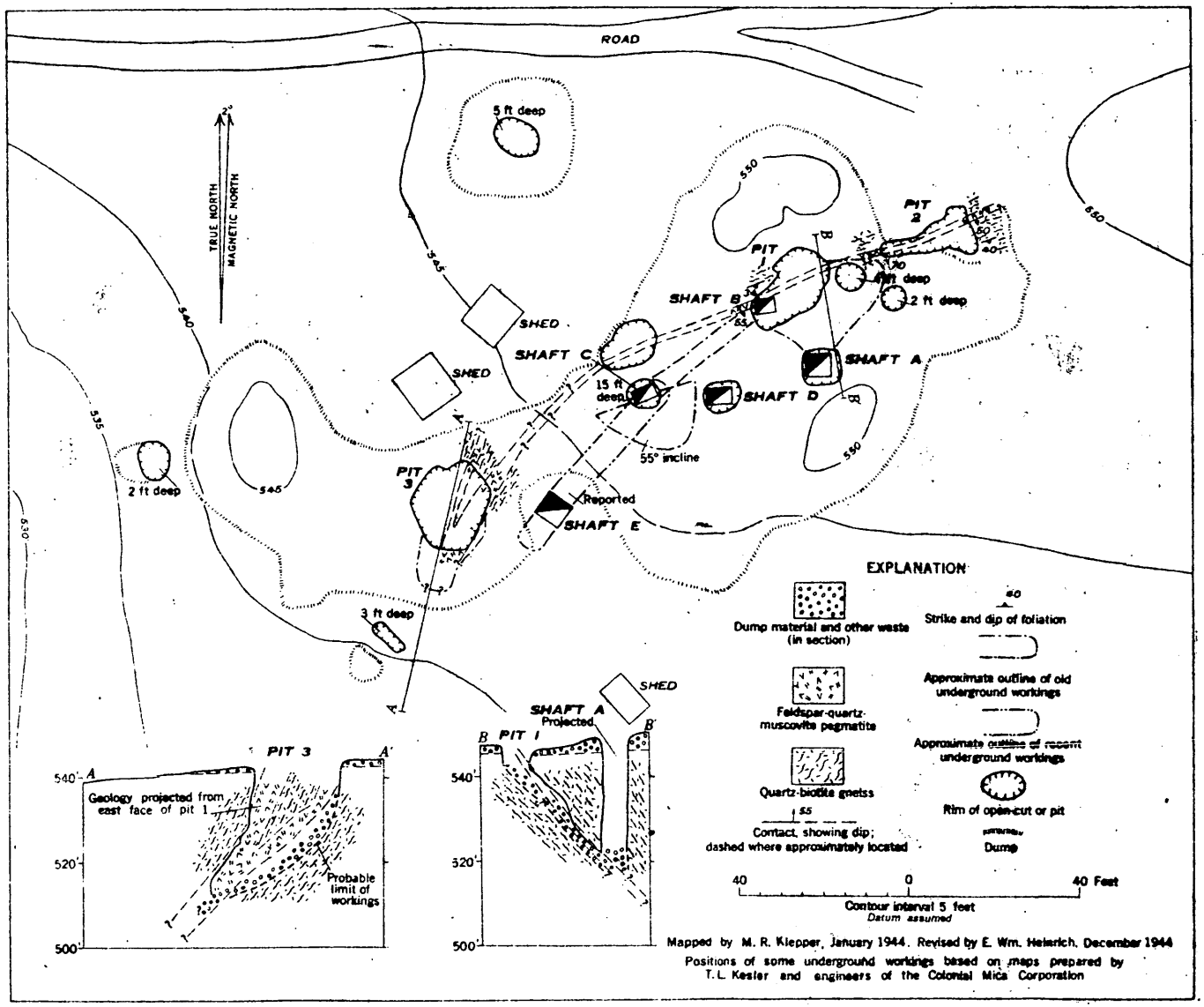

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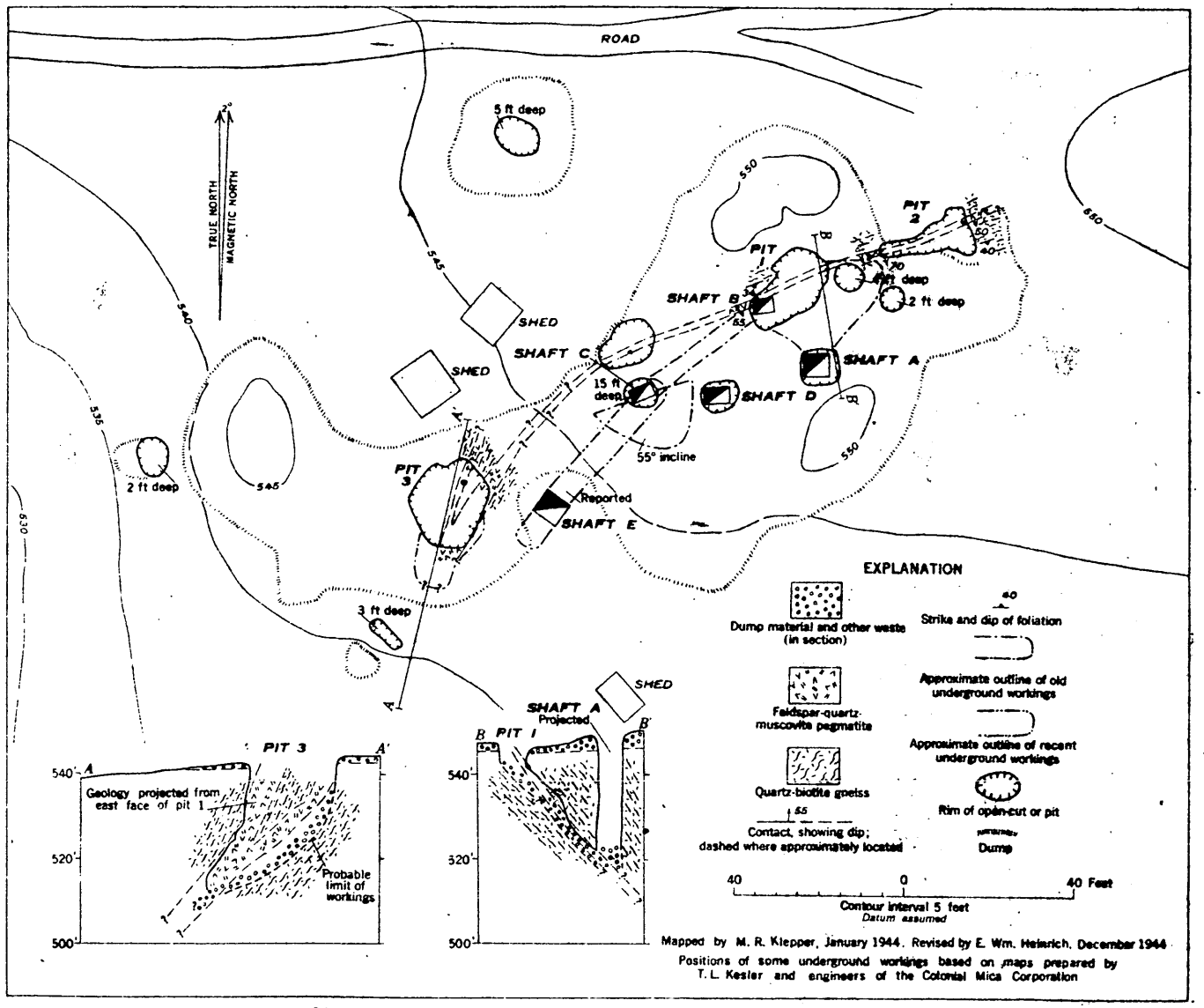

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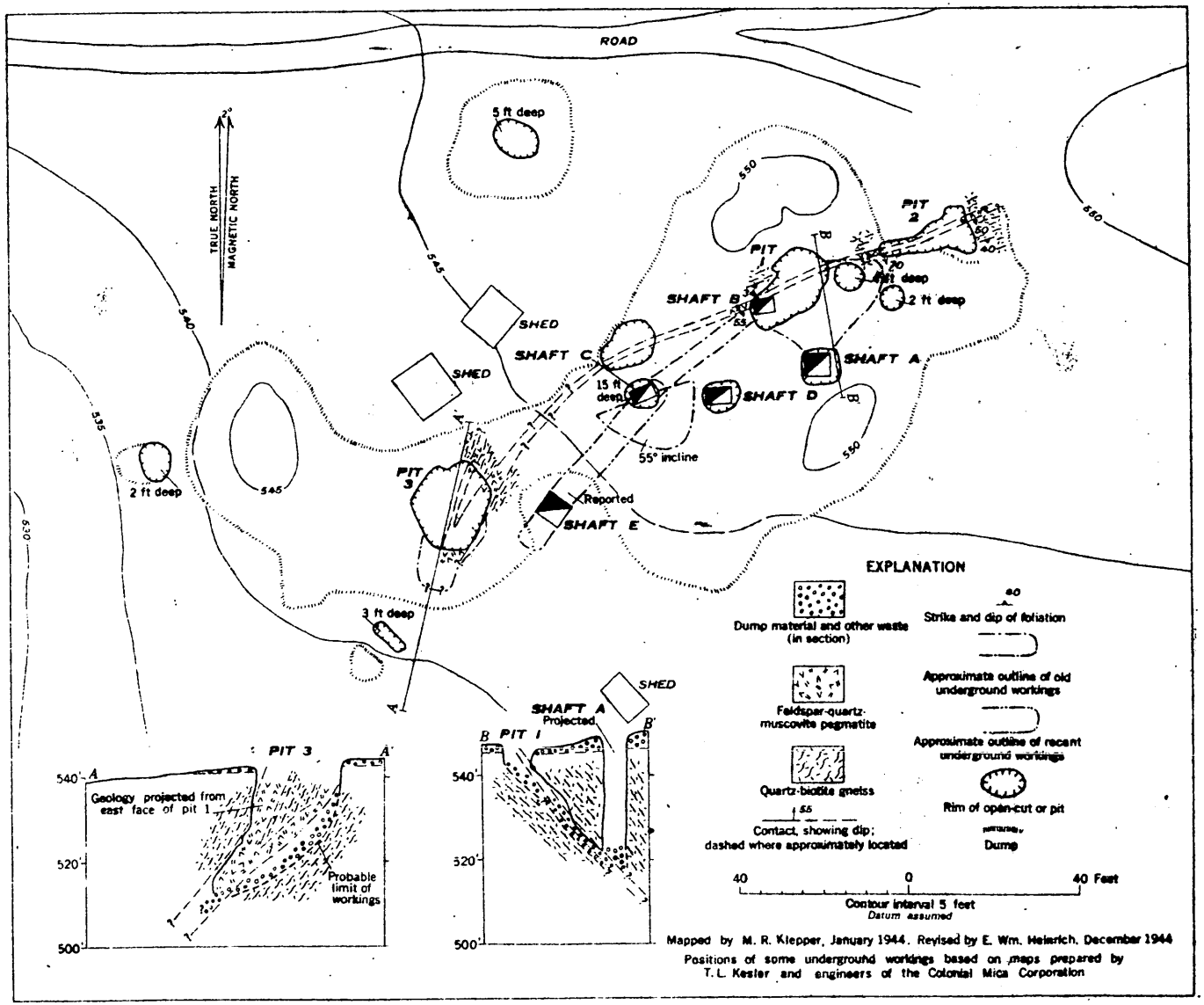

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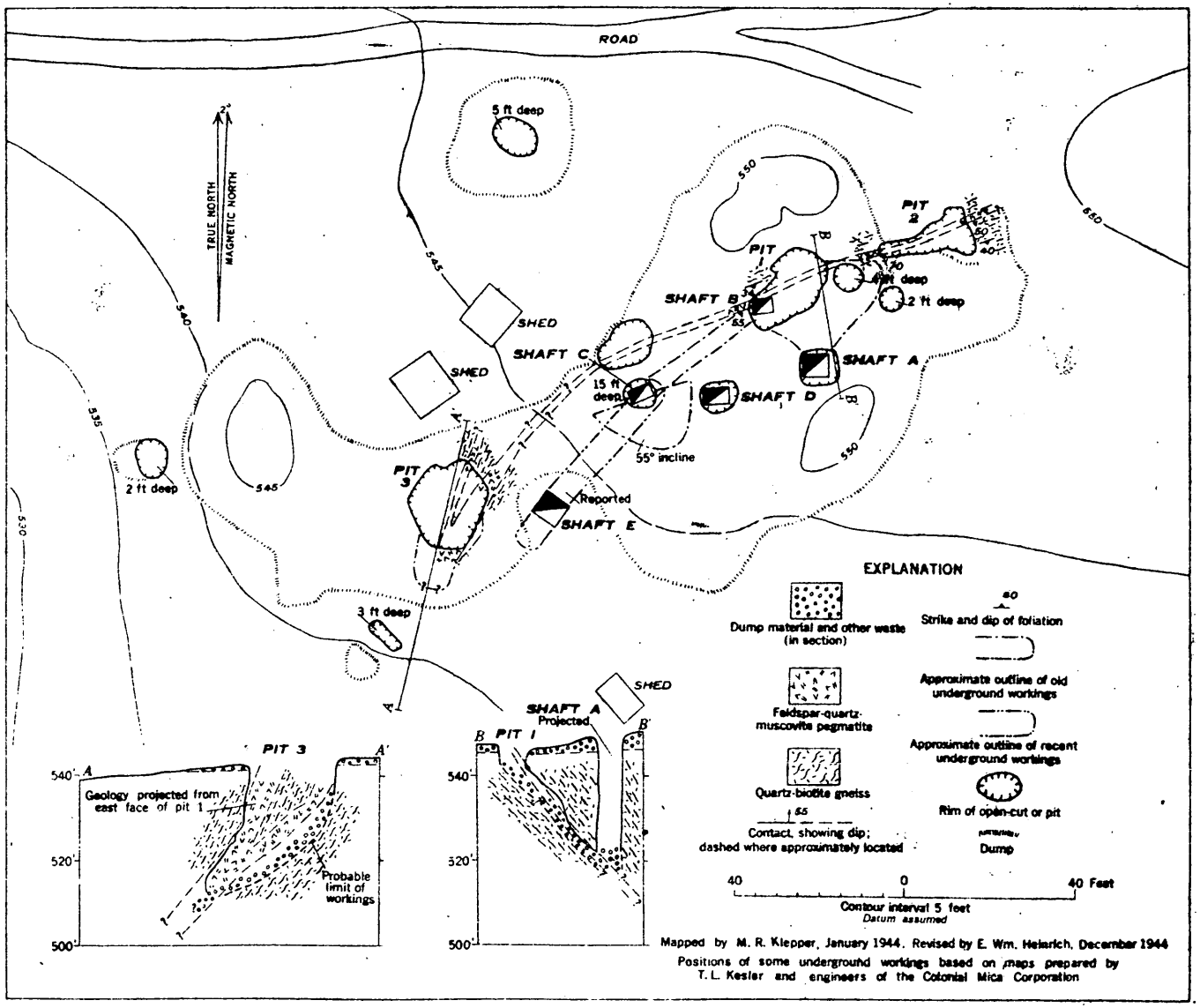

FIGURE 124.—Geologic map and sections of the Joe Persons mine, Upson County, Ga.

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

August 7, 1953

Memorandum

To: Operating Committee, DMEA, Washington, D. C.

From: Field Team, DMEA, Region VII

Subject: ~~Field Examination Reports~~
DMEA-3082, Joe Persons Mine (Mica) - Georgia
DMEA-3085, J. H. Reynolds Mine (Mica) - Georgia

Transmitted herewith are 4 copies of each of the two subject reports, and six extra copies of the maps.

The Field Team approves the recommendation for exploration at both these properties.

Robert A. Laurence

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

Wm A Beck

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

Enclosures 20

Reviewed by
DMEA OPERATING COMMITTEE
8-14-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-3082, JOE PERSONS MINE (Mica)

Upson County, Georgia

By

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

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

August 4, 1953

Reviewed by
DMEA OPERATING COMMITTEE

8-14-53
(date)

Field Examination Report
on
DMRA-3082, JOE PERSONS MINE (Mica)

Applicants: Sam L. Phillips, John Phillips, and Lin Carpenter,
c/o Sam L. Phillips, Spruce Pine, North Carolina

This deposit appears to have merit for exploration -- in two stages. The mica is ruby colored and of stockpiling grade. Previous work has been confined to the pegmatite above the 40-foot level, thus the project should be directed towards exploring the deposit below that level.

The deposit was examined July 23, 1953. Messrs. Sam L. Phillips, Clingman Ellis, and Walter Lewis accompanied the examiners on the inspection, which required two hours.

The following description of the mine is from U.S.G.S. Professional Paper 248-F, p. 346:

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"The pegmatite body, which is 6 in. to 6 ft. thick, strikes N. 30° to 70° E. and dips moderately southeast. It is Y-shaped in section, and the junction of its branches plunges moderately southeast. The thickness increases with depth. In general the mass is conformable with the foliation of the biotite gneiss country rock. Near the pegmatite contacts the gneiss has been altered. The deposit has been explored for a strike distance of 150 ft and a vertical distance of about 50 ft. In general it is not conspicuously zoned and is a medium- to coarse-grained aggregate of quartz, plagioclase, blocky perthite, and graphic granite.

Glassy pale-green apatite is a common minor constituent, and many small, rose-violet garnets occur near contacts with the country rock. In pit 3 a central gneiss septum is present in the pegmatite.

"The richest concentrations of mica appear to occur in quartz-plagioclase pegmatite that locally contains pods of burr rock, or quartz with disseminated small mica books. The mica, which is light to medium brown, is relatively flat and hard. It is marred by throughgoing cracks, inclusions of quartz, and tied structure. Clay stains and slight warping are minor imperfections. In general the proportion of scrap to recoverable sheet material appears to be high. It seems likely that the last operation failed because of a scarcity of good-quality mica."

There are no facilities or buildings on the property and only a small tool house will be required for the proposed project. Manpower, supplies, materials and water are readily available.

The applicants' proposed exploration program is more extensive than necessary. A more economical method of exploring the deposit would be to clean out, rehabilitate, and timber shaft E, which is 41 ft deep and 7' x 7' in cross section; then it should be inclined down the dip of the pegmatite for 40 feet. If at the conclusion of the incline sinking sufficient mica-bearing pegmatite is exposed to justify drifting, 75 ft. of drifts should be driven from the incline in both directions on the pegmatite.

The examiners recommend the above program be set up in two stages. Estimated cost is as follows:

<u>Stage 1:</u>

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August 4, 1953

Kefton H. Teague, Geologist, USGS

ad/

James F. O'Neill, Min. Engr., USBM

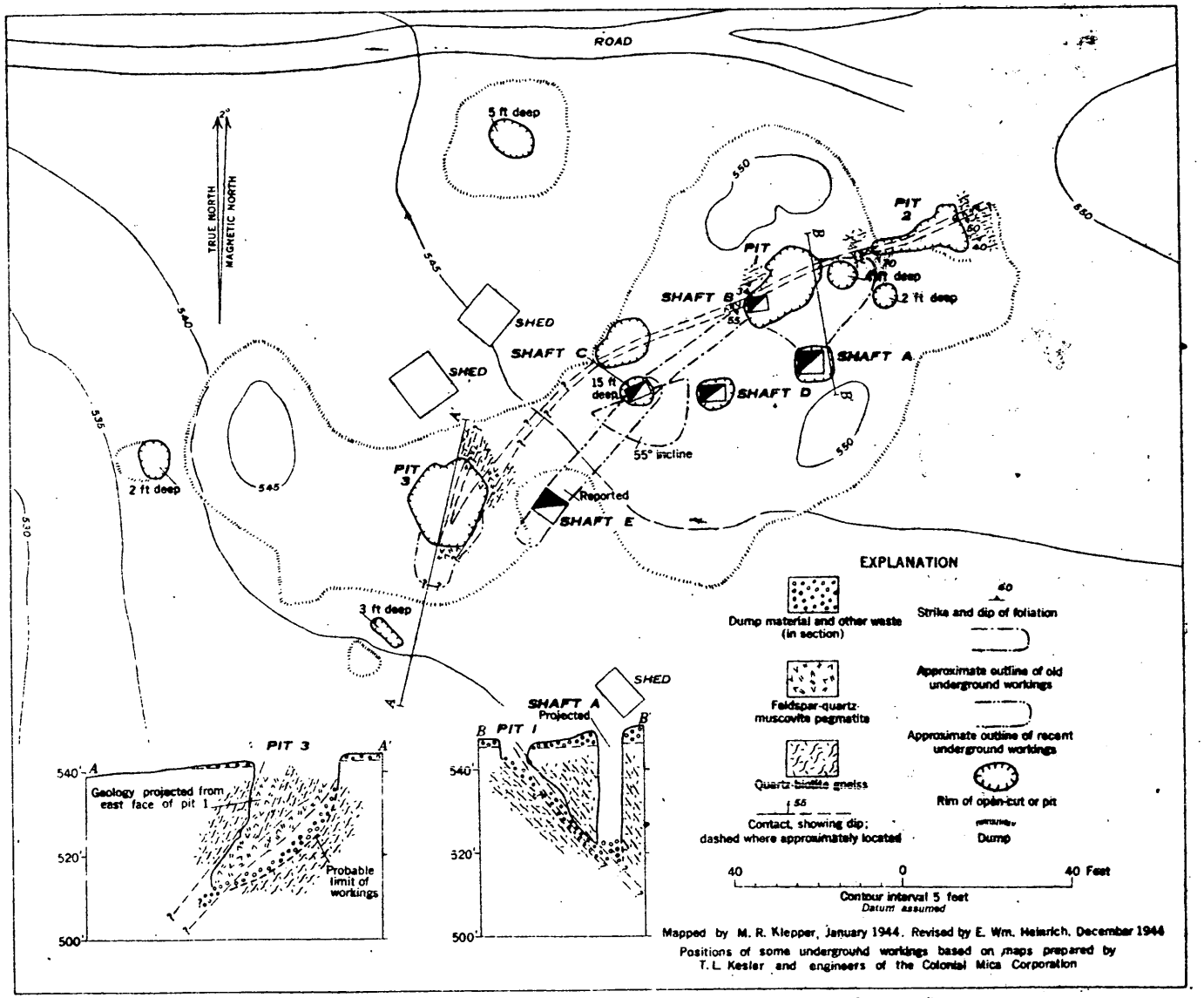

FIGURE 124.—Geologic map and sections of the Joe Persons mine, Upson County, Ga.

FILE COPY
SURNAME:

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

600

Hopkins
Houk
Selfridge
Johnson

JUL 1 5 1953

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

Subject: Docket No. DMEA-3082 - Mica
Sam L. Phillips, John Phillips
and Lem Carpenter
Joe Persons Prospect
Upson County, Georgia

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it advisable.

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

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

A. R. Kinkel, Jr.
Member, Geological Survey

Enclosures 4

JHopkins:gad 7/13/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.H.
7-15-53

FILE COPY
SURNAME:

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

JUL 15 1953

Mr. Sam L. Phillips

Spruce Pine, North Carolina

Re: Docket No. DMA-3082 - Mica
Joe Persons Prospect
Upson County, Georgia

Dear Mr. Phillips:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, Room 13, Post Office Building, Knoxville 2, Tennessee, DMEA Field Team, Region VII, for further consideration and possibly a field examination.

The Regional Office will contact you at an early date, if an examination is to be made. Any assistance that you may give the members of the field team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

JHopkins:gad 7/13/53

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

R.C.G.
7-15-53

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL - 8 1953

July 8, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3082, Mica, Joe Persons Prospect, Upson County, Georgia

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

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

June 19, 1953

Memorandum

REVIEW OF APPLICATION DMEA - 3082 (mica)

To: L. G. Hauk, Defense Minerals Exploration Administration

From: D. M. Larrabee, U. S. Geological Survey

Applicant's name and address: Sam L. Phillips, John Phillips, Len Carpenter, Spruce Pine, North Carolina

Name of property: Joe Persons mine

Location of property: 7.25 mi. S. 65° E of Thomaster, Upson Co., Georgia.

Summary of applicant's proposal: Sink 80' x 5' x 7' shaft
Drift 100' on peg.
Crosscut 60' (total)

Sources of information on applicant's property: U.S.G.S. Prof. Paper 248-F, pp. 346-347, Colonial Mica records, War II.

Comments:
1. The crosscuts might be eliminated on a pegmatite reported to range from 6" to 6' thick, unless it widens greatly at depth.
2. War II sales to Colonial

Ruby		#1	#2	#2 Inf.
Small full	249.75	13	56	31
Large 3/4	31.17	12	52	36
Large full	19.93	16	60	24

T. J. Stevenson
Total 300.85 $1,7770.36

3. It might be advisable to set this up in stages

Recommendation:

Refer to Field Team.

D. M. Larrabee

D. M. Larrabee

June 16, 1953

Mr. Sam L. Phillips
Spruce Pine,
North Carolina

Subject: DMEA-3082
Re: Exploration Assistance
Joe Persons Prospect

My dear Mr. Phillips:

The receipt of your application dated June 15, 1953, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3082 and referred to the Nonmetallic Minerals Division.

Kindly refer to DMEA-3082 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Operations Control
and Statistics Division

GENERAL SERVICES ADMINISTRATION

Spruce Pine, North Carolina

June 8, 1953

TO WHOM IT MAY CONCERN:

Mr. S. L. Phillips has submitted samples of mica from the Reynolds Mine and the Joe Person Mine located near Thomaston, Georgia.

We are pleased to advise that these samples are of ruby variety and the mica, if properly prepared, will be acceptable on the government's mica purchasing program.

Yours very truly,

W. S. Flynt, Superintendent
Spruce Pine Mica Depot

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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-3082
Metal or Mineral
Date Received 6/15/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Sam L. Phillips, John Phillips, and Len Carpenter all of Spruce Pine, N. C.

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

(*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 This is lease property (Lease is attached in 3 (d) below.)

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

(*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 Not owner

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

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

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

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

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

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

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

(*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 operations.

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

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

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

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

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

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

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

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

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

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

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

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

☐ 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 ....., 195...

.....
(Applicant)

By.....

.....

.....

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

MF 103

1. (a) Sam L. Phillips, John Phillips, and Lin Carpenter all of Spruce Pine, N. C.

   (b) Partnership

2. No Answer

3. (a) This is lease property (Lease is attached in 3 (d) below.)

   (b) Joe Persons

   (c) Lessee

   (d) Lease is attached as Exhibit A.

   (e) Not owner

   (f) Land is held by Landlord. No land patents involved.

4. (a) Physical works set forth on map attached as Exhibit B.

   (b) This mine was operated during World War II. The amount of mica produced from this mine is unknown, however, the quality of mica is excellent. While inspecting this mine we found mica in the dump and in the old scrap pile that would cut 2 x 2 good stained or better. This mica has been inspected by the Spruce Pine Depot, who appraised it as being of stockpile grade.

   (c) The past work at this mine consitsted mostly of a shaft toa depth of approximately 40 ft. It is the opinion of the applicant that none of the previous shafts ~~xxxx~~ have been sunk deep enough to cut the main portion of the mica bearing vein.

   (d) This mine is located 7.25 miles (airline) 10 miles by road 65° E. of Thomaston, Georgia.

   (e) There is ample experienced mining manpower available. Electricty is within 300 yards of the mine. No difficulty is contemplated in obtaining equipment and supplies.

5. (a) It is anticipated that the pegmatite contains additional quantities of Ruby Mica of stockpile grade.

   (b) It is proposed to sink a 5 x 7 shaft to a depth of 80 ft. Then it is proposed to drift 100 ft. in the bottom of the shaft in the direction suggested by the U. S. Government Field Team. Then it is proposed to crosscut 30 ft. on each end of the drift to determine the mineralization of the pegmatite dike.

   (c) The work will be started as soon as the contract is approved by the Government. And the work should be concluded within 6 months.

   (d) The ability of the persons connected with this project is a matter of record with the DMEA.

6. Estimate of Cost

(a) Independent contractors - none.

(b through h) We would perfer to explore this deposit on a unit cost basis. After we get the shaft down we plan to drift along the vein in both directions to determine the mica contents of the vein. It is estimated that the cost involved is as following:

(1)	Sink a 5 x 7 shaft 80 ft. @$50.00 per ft.	$4000.00
(2)	Drive drifts & crosscuts 160 ft. @35.00 ft.	5600.00
		$9600.00

GEORGIA, LAMAR COUNTY.

For and in consideration of the sum of one dollar, the receipt of which is hereby acknowledged, the undersigned, Walter Lewis, does hereby lease unto The Empire Mica Company, a partnership composed of Sam Phillips, John Phillips and Len Carpenter, of Spruce Pine, North Carolina, for a period of five (5) years from this date, all of the mica, minerals and ore lying in, upon and under the following described land, to wit: All of eighty (80) acres of land in Jug District of Upson County, Georgia, and being known as the home place of Phillis Persons where she formerly lived, and bounded as follows: North by the Triune Mills property; east by lands formerly owned by Hill Cunningham; south by lands of T. J. Wheeless; and west by lands formerly owned by Arthur Atwater. This is the identical property described in a deed from the Citizens and Southern Bank of Thomaston to J. T. Mitchell and Walter Lewis, recorded in Deed Book 77, page 291, in the Clerk's Office, Upson Superior Court.

It is understood and agreed that if the said property is not mined at any time for a period of ninety (90) days, then either party hereto has the right to cancel this lease by giving the opposite party a thirty (30) day notice, in writing, in order to terminate this lease.

It is further agreed and understood that in addition to the consideration stated above, the lessee shall pay a royalty of 12½ per cent of all sales of all ores, minerals and mica sold and shipped from said premises, payment for the same to be made on the 20th day of the month following the sale and actual shipment of said ores, mica and/or minerals; lessee to provide lessor with a statement of weights and an itemized statement of all sales, during the month following the month of such shipment.

If the lessee should fail to pay any of the royalty provided for in the preceding paragraph hereof or fails to provide lessor with the statement of weights and itemized statements of sales of such ores, mineral and mica, the lessor may demand payment and/or such statements by registered mail, addressed to the lessor at Spruce Pine, North Carolina, and the lessee shall have thirty (30) days from the receipt of said written notice in which to pay the said sums due hereunder and to furnish said written statement and upon failure to make such payment or to make such written statement, lessor has the right to declare this lease null and void.

In addition to the other usual and ordinary rights and privileges which lessees of such properties have in connection with leases of this character, and not in limitation of such rights and privileges, the lessee shall have the right to enter upon, explore, prospect for, mine, dig, and remove, and to wash, process, refine, improve, beneficiate, manufacture, or otherwise prepare for the market or for sale any and all mica, minerals, and ore found upon, in or under said property during the period of this lease. Said mica, minerals and ores may be removed from this property and partially or completely washed, processed, refined, improved, beneficiated, manufactured, or otherwise prepared for the market or for sale upon any other property not belonging to lessor.

The lessor shall have the right to construct and erect such plants, buildings, machinery, equipment, and devices upon such property as he may deem desireable to the full and complete enjoyment of the rights and privileges herein granted, and this instrument shall be construed to give them the right to use the said property in any way so as to enjoy such rights and privileges to the fullest extent.

Among other rights, the lessee may construct and

operate washers, processing and manufacturing plants of all kinds, maintain dirt and rock dumps, mud dams, settling ponds, reservoirs, tramways, roadways, passage ways, railroads, warehouses, storage plants, shops, power lines, water lines, pumps, and pumping stations, gas mains, conduits of all kinds, and buildings, machinery, equipment and devices of all kinds and character, either on, below or above the ground, for the full enjoyment of the rights and privileges herein granted. This shall include any and all buildings, machinery, equipment, or devices of every kind and character which may hereafter be deemed adviseable by the lessee whether in use at the present time or not.

Lessee shall have the right to conduct water, gas, electricity, or other desireable materials or things, under, over and across said property to be used for the purpose of enjoying the rights and privileges herein granted, (including the use of such timber as lessee may deem necessary in enjoying the rights and privileges herein granted and in constructing any of the things herein permitted.

The lessee shall not be liable for any damages done to said lands or any improvements on same.

The finished ore, mica and minerals mined from this property shall be kept separate from the ores, mica and minerals mined on other properties. The lessor shall have the right to inspect said ore, mica and minerals and/or records, and the records of shipping weights, etc. during business hours.

Lessor shall have the right at any reasonable time during business hours to inspect the records in connection with the weights and sales slips of the ores, mica and minerals sold and shipped from the leased premises and to inspect all bills of lading covering shipments of ore, mica and minerals sold and shipped from the leased premises.

Lessee shall have the right to pay the royalties due by check made payable to the order of the lessor and mailed to the last known address of lessor.

Lessee shall have the right to renew this lease for an additional five (5) years by written notice sent by registered mail to the last known address of lessor not less than thirty (30) days prior to the expiration date of this lease.

At any and all times during the life of, and within one hundred twenty (120) days after the termination of this agreement, either by expiration or cancellation, the lessee shall have the right to remove any and/or all buildings, plants, tools, machinery, equipment, devices and mined ore from said property.

Notwithstanding any of the other provisions contained in this instrument, the lessee is given the option to purchase the mica, mineral and ore rights on aforesaid described property at any time during the life of this instrument, and which shall extend during any and all renewals of this lease, for and at the sum of four thousand dollars ($4,000.00), with the further understanding that all royalties paid during said period of time before the said option is exercised shall apply toward the purchase price of said four thousand dollars ($4,000.00).

The undersigned warrants that he is the owner of the said described property and that the title to said property is free and clear of all liens.

Whenever the terms "lessor" and "lessee" are used in this agreement they shall be deemed to include one or more, as the case may be, and their heirs, successors and assigns.

IN WITNESS WHEREOF, said undersigned has hereunto set his hand and affixed his seal in triplicate, this the 30th day of May, 1953.

W Walter Lewis (SEAL)

Signed, sealed and delivered
in the presence of:

Harvey J. Kennedy

Hughenze Dunlap N.P.
Lapar County, Ga.
My com. expire June 27, 1953

NORTH CAROLINA, MITCHELL COUNTY.

The Empire Mica Company does hereby accept the above amendment to the original lease, and agrees to the terms of said lease, and agrees that the terms of same stand in full force and effect.

EMPIRE MICA COMPANY

BY: Sam L. Phillips

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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-3082
Metal or Mineral
Date Received 6/15/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Sam L. Phillips, John Phillips, and Len Carpenter all of Spruce Pine, N. C.

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Explain in detail on acompanying paper.

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.....
(Applicant)

By.....

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U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

MF 103

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   (b) Partnership

2. No Answer

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   (b) Joe Persons

   (c) Lessee

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   (e) Not owner

   (f) Land is held by Landlord. No land patents involved.

4. (a) Physical works set forth on map attached as Exhibit B.

   (b) This mine was operated during World War II. The amount of mica produced from this mine is unknown, however, the quality of mica is excellent. While inspecting this mine we found mica in the dump and in the old scrap pile that would cut 2 x 2 good stained or better. This mica has been inspected by the Spruce Pine Depot, who appraised it as being of stockpile grade.

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If the lessee should fail to pay any of the royalty provided for in the preceding paragraph hereof or fails to provide lessor with the statement of weights and itemized statements of sales of such ores, mineral and mica, the lessor may

demand payment and/or such statements by registered mail, addressed to the lessor at Spruce Pine, North Carolina, and the lessee shall have thirty (30) days from the receipt of said written notice in which to pay the said sums due hereunder and to furnish said written statement and upon failure to make such payment or to make such written statement, lessor has the right to declare this lease null and void.

In addition to the other usual and ordinary rights and privileges which lessees of such properties have in connection with leases of this character, and not in limitation os such rights and privileges, the lessee shall have the fight to enter upon, explore, prospect for, mine, dig, and remove, and to wash, process, refine, improve, beneficiate, manufacture, or otherwise prepare for the market of for sale any and all mica, minerals, and ore forund upon, in or under said property during the period of this lease. Said mica, minerals and ores may be removed from this property and partially or completely washed, processed, refined, improved, beneficiated, manufactured, or otherwise prepared for the market or for sale upon other property not belonging to lessor.

The lessor shall have the right to construct and erect such plants, buildings, machinery, equipment, and devices upon such property as he may deem desireable to the full and complete enjoyment of the rights and privileges herein granted, and this instrument shall be construed to give them the right to use the said property in any way so as to enjoy such rights and privileges to the fullest extent.

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Lessee shall have the right to conduct water, gas, electricity, or other desirable materials or things, under, over and across said property to be used for the purpose of enjoying the rights and privileges herein granted, (including the use of such timber as lessee may deem necessary in enjoying the rights and privileges herein granted and in constructing any of the things herein permitted.

The lessee shall not be liable for any damages done to said lands or any improvements on same.

The finished ore, mica and minerals mined from this property shall be kept separate from the ores, mica and minerals mined on other properties. The lessor shall have the right to inspect said ore, mica and minerals and/or records, and the records of shipping weights, etc. during business hours.

Lessor shall have right at any reasonable time during business hours to inspect the records in connection with the weights and sales slips of the ores, mica and minerals sold and shipped from the leased premises and to inspect all bills of lading covering shipments of ore, mica and minerals sold and shipped from the leased premises.

Lessee shall have the right to pay the royalties due by check made payable to the order of the lessor and mailed to the last known address of lessor.

Lessee shall have the right to renew this lease for an additional five (5) years by written notice sent by registered mail to the last known address of lessor not less than thirty (30) days prior to the expiration date of this lease.

At any and all times during the life of, and within one hundred twenty (120) days after the termination of this agreement, either by expriation or cancellation, the lessee shall have the right to remove any and/or all buildings, plants, tools,

machinery, equipment, devices and mined ore from said property.

Notwithstanding any of the other provisions contained in this instrument, the lessee is given the option to purchase the mica, mineral and ore rights on aforesaid described property at any time during the life of this instrument, and which shall extend during any and all renewals of this lease, for and at the sum of four thousand dollars ($4,000.00), with the further understanding that all royalties paid during said period of time before the said option is exercised shall apply toward the purchase price of said four thousand dollars ($4,000.00).

The undersigned warrants that he is the owner of the said described property and that the title to said property is free and clear of all liens.

Whenever the terms "lessor" and "lessee" are used in this agreement they shall be deemed to include one or more, as the case may be, and their heirs, successors and assigns.

IN WITNESS WHEREOF, said undersigned has hereunto set his hand and affixed his seal in triplicate, this the 30th day of May, 1953.

SS/ Walter Lewis (SEAL)

Signed, sealed and delivered
in the presence of:

SS/ Harvey J. Kennedy

SS/ Hughanne Dunbar N. P.
Lamar County, Ga.
My Com. expires June 27, 1953

NORTH CAROLINA; MITCHELL COUNTY.

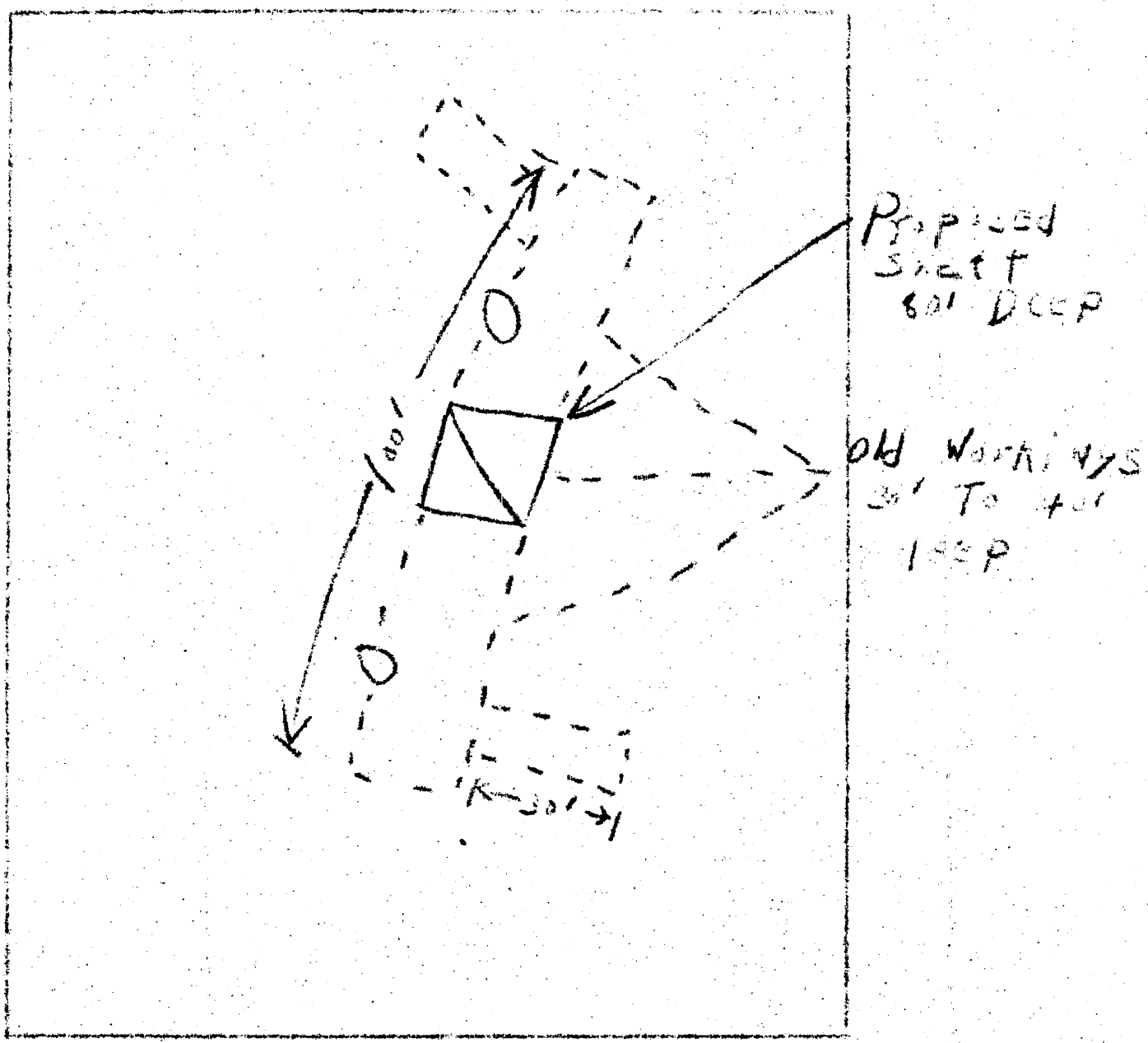
The Empire Mica Company does hereby accept the above amendment to the original lease, and agrees to the terms of said lease, and agrees that the terms of same stand in full force and effect.

EMPIRE MICA COMPANY

BY: SS/ Sam L. Phillips

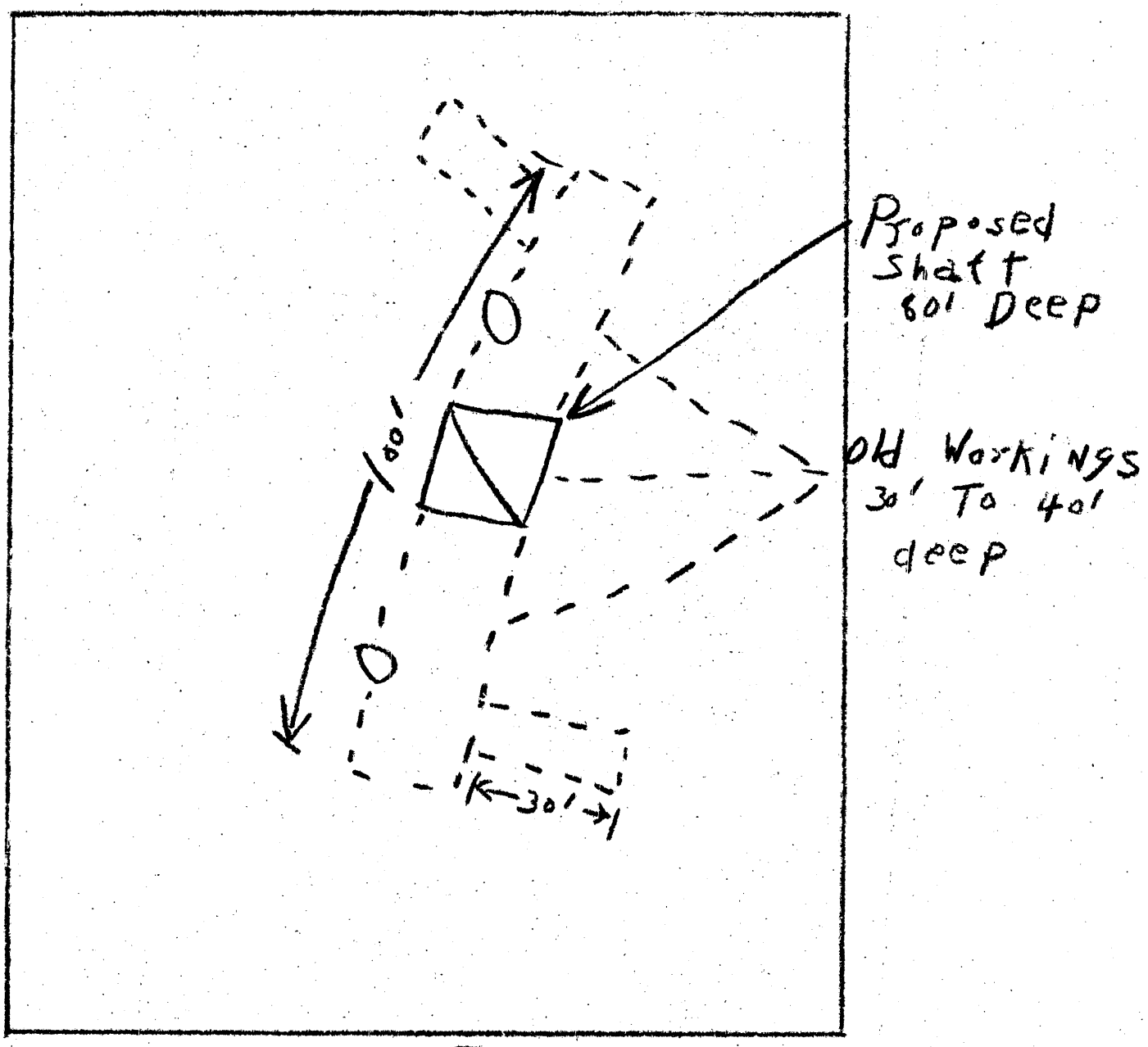
Dept. Of Interior

Mr. A. J. Keating, D.M.E.A.



JOE PETRUNS PROJECT

DMEA 3082



Joe Persons Prospect

DMEA - 3082