August 11, 1952

Memorandum

To: Acting Administrator, DMEA

From: Stanley A. Feitler, Non-Metallic Minerals Division, DMEA

Subject: Docket No. DMEA-2273 - Mica
Golding Keene Co.
Keene, New Hampshire
Kidder Mine

Resume

Recommendation:

Denial for lack of probability of discovery under the proposed program.

The Applicant:

The Golding Keene Company is a well established conservative feldspar producer selling to the ceramic industry. This company owns two feldspar mills in New Hampshire, one of these is equipped for flotation.

The Operator's original proposal is unrealistic from the exploration standpoint and not in accord with DMEA policies. It is based in part on the assumption that earnings from sales of material produced during exploration would be applied against the (credited to) contract.

The Kidder Pegmatite:

1. This is a large pegmatite
   Length 2,000 feet
   Width 50 - 200 feet

2. It is in a beryl district.

3. The applicant reports that a small amount of beryl was recovered from an excavation exploring the feldspar possibilities in one part of the pegmatite.

Difference between
Bureau & Survey

4. A few fragments of beryl were found on the waste dump.

5. The Field Team found no beryl in place.

6. A Survey name supplies only the information that there are no clearly defined zones containing beryl or strategic mica.

The program recommended in the field report proposes:

Stage I -

4 - 25' trenches across the contact to resolve the problem of zoning	$1,600.00

Stage II -

500' of trenching and test pits to extend Stage I and test for near surface concentrations of beryl and mica	12,000.00

Stage III -

2,000' AX core drilling to indicate a third dimension for any discoveries made in Stages I and II	10,000.00
Total	$23,600.00

SAFeitler:gad 8/11/52

Copy to: Admin. Reading File
Docket File
Mr. Houk

August 11, 1952

Memorandum

To: Acting Administrator, DMEA

From: Stanley A. Feitler, Non-Metallic Minerals Division, DMEA

Subject: Docket No. DMEA-2273 - Mica
Kidder Mine
Golding Keene Company
Keene, New Hampshire

Chronology:

Nov. 1, 1952 - Application filed.
Proposed program not suitable

Large trenches	$25,000.00
Diamond Drilling	20,000.00
	$45,000.00

Jan. 16, 1952
Kupfer memo recommending denial.

Jan. 22, 1952
Telephone - Houk - Dennis (Golding Keene Co.) Dennis said that 100 lbs. of beryl had been recovered from the Kidder. (This was in the course of feldspar exploration.)

Jan. 29, 1952 - Referred to Field Team.
July 2, 1952 - Field report - Survey not participating. Recommends three stage program.

July 7, 1952
Memo from Glenn W. Stewart, USGS, half page - recommends denial.

July 17, 1952 - Memo from USGS - recommends denial.

July 21, 1952 - Memo from USBM - recommends Stage I.

SAFeitler:gad 8/11/52
Copy to: Admin. Reading File
Docket File
Mr. Houk

FILE COPY
SURNAME:

SAF
Hmh

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

August 11, 1952

Memorandum

To: Acting Administrator, DMEA

From: Stanley A. Feitler, Non-Metallic Minerals Division, DMEA

Subject: Docket No. DMEA-2273 - Mica
Golding Keene Co.
Keene, New Hampshire
Kidder Mine

Resume

Recommendation:

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The Applicant:

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   Length 2,000 feet
   Width 50 - 200 feet

2. It is in a beryl district.

3. The applicant reports that a small amount of beryl was recovered from an excavation exploring the feldspar possibilities in one part of the pegmatite.

4. A few fragments of beryl were found on the waste dump.

5. The Field Team found no beryl in place.

6. A Survey memo supplies only the information that there are no clearly defined zones containing beryl or strategic mica.

The program recommended in the field report proposes:

Stage I -	
4 - 25' trenches across the contact to resolve the problem of zoning	$1,600.00
Stage II -	
500' of trenching and test pits to extend Stage I and test for near surface concentrations of beryl and mica	12,000.00
Stage III -	
2,000' AX core drilling to indicate a third dimension for any discoveries made in Stages I and II	10,000.00
Total	$23,600.00

SAFeitler:gad 8/11/52

Copy to: Admin. Reading File
Docket File
Mr. Houk

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

August 11, 1952

Memorandum

To: Acting Administrator, DMEA

From: Stanley A. Feitler, Non-Metallic Minerals Division, DMEA

Subject: Docket No. DMEA-2273 - Mica
Golding Keene Co.
Keene, New Hampshire
Kidder Mine

Resume

Recommendation:

Denial for lack of probability of discovery under the proposed program.

The Applicant:

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2. It is in a beryl district.

3. The applicant reports that a small amount of beryl was recovered from an excavation exploring the feldspar possibilities in one part of the pegmatite.

Mail - Open Comm

Mr. M:

Someone asked if you saw these memos. when the docket, went thru the other day. I'm sure you did. fw

No.

No/gy

Borderline case. Could be tricked into going ahead with Stage I if acceptable to applicant.

8/15/54

I did not see the manager

after I had passed the
Opera House Convention City 1,
as they were auditing officers.
I have previously discussed with
Mr. Shields.

Operations progress again
to be for the program, I looking

minute field p[illegible] [illegible] Ur
surface. Nitrogen not very likely
to [illegible] [illegible] to the
physical method to explain for
possible quite one and [illegible]
[illegible] to bring depressions
[illegible] U V B [illegible] believe
[illegible] to [illegible] as depth
and not [illegible] by [illegible] Jeffs,

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Stage III -

2,000' AX core drilling to indicate a third dimension for any discoveries made in Stages I and II	10,000.00
Total	$23,600.00

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

August 11, 1952

Memorandum

To: Acting Administrator, DMEA

From: Stanley A. Feitler, Non-Metallic Minerals Division, DMEA

Subject: Docket No. DMEA-2273 - Mica
Kidder Mine
Golding Keene Company
Keene, New Hampshire

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Nov. 1, 1952 - Application filed.
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	$45,000.00

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July 7, 1952
Memo from Glenn W. Stewart, USGS, half page - recommends denial.

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July 21, 1952 - Memo from USBM - recommends Stage I.

FILE COPY
SURNAME:

SHF
Fond

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

August 11, 1952

Memorandum

To: Acting Administrator, DMEA

From: Stanley A. Feitler, Non-Metallic Minerals Division, DMEA

Subject: Docket No. DMEA-2273 - Mica
Kidder Mine
Golding Keene Company
Keene, New Hampshire

Chronology:

Nov. 1, 1952 - Application filed.
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SAFeitler:gad 8/11/52
Copy to: Admin. Reading File
Docket File
Mr. Houk

FILE COPY
SURNAME:

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

AUG 4 1952

Houk
Needleman
Hedges
Lawson
Johnson

Golding Keene Company
23 West Street
Keene, New Hampshire

Subject: Docket No. DMEA-2273 - Beryl-Mica
Kidder Mine
Golding Keene Company
New Hampshire

Gentlemen:

Reference is made to your application for exploration assistance on the Kidder Mine in New Hampshire.

A careful study of your proposal and the subsequent proposal prepared with the DMEA Field Engineer indicates that the probability of making a significant discovery of strategic beryl or mica is not sufficiently encouraging to justify participation of the Government in the proposed exploration project.

We wish to thank you for your interest in the Defense Minerals Exploration Program and regret that we are unable to provide assistance for the proposed project at the Kidder Mine.

Sincerely yours,

C. O. Mittendorf (for) SN 8-4-52

Acting Administrator
Defense Minerals Exploration
Administration

LGHouk:gmd 7/31/52

Copy to: Admin. Reading File
Operating Committee (2)
Field Team, Region VIII (2)
Docket File
Mr. Norton, G-232 GSA Bldg.
~~Mr. Dietrich, 3326~~ Mr. Needleman, 1347
Mr. Houk

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

July 21, 1952

Memorandum

To: L. G. Houk, Chief
Nonmetallics Division, DMEA

From: A. J. Kauffman, Jr.
Rare and Precious Metals Branch

Subject: Review of DMEA-2273, Golding-Keene Co.,
23 West Street, Keene, New Hampshire.

Re: beryl-mica

It is recommended that the subject application be certified to the extent of 4 (e) - Stage 1 as outlined in the Field Team report submitted by W. T. Millar, Engineer, July 2, 1952. It is noted that a report by the U.S.G.S. was not attached.

A. J. Kauffman, Jr.

Attachment

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 22 1952

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

July 21, 1952

Memorandum

To: L. G. Houk, Chief
Nonmetallics Division, DMEA

From: A. J. Kauffman, Jr.
Rare and Precious Metals Branch

Subject: Review of DMEA-2273, Golding-Keene Co.,
23 West Street, Keene, New Hampshire.

Re: beryl-mica

It is recommended that the subject application be certified to the extent of 4 (e) - Stage 1 as outlined in the Field Team report submitted by W. T. Millar, Engineer, July 2, 1952. It is noted that a report by the U.S.G.S. was not attached.

Signed

A. J. Kauffman, Jr.

Attachment

IN REPLY REFER TO:

G-MD-CNM

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

SA F

July 17, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2273 (Beryl, mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: P. L. Weis, U. S. Geological Survey
Applicant: Golding-Keene Co.
Name of property: Kidder pegmatite.
Location of property: Cheshire County, New Hampshire.
Date of field team report: July 2, 1952.
Authorship of field team report: W. T. Millar.
Field team's recommendation: Exploration, in three stages, the first costing $1,600, the second $12,000, and the third $10,000.
Comments:

1) Geologic evidence is not presented in sufficient detail to show that a reasonable possibility exists that beryl or mica will be found in significant amounts. The author states that "since beryl occurs in pegmatites and pegmatites are composed chiefly of feldspar, it is natural to expect a bench or face of feldspar." This is not sound reasoning. It gives the appearance of being a specious argument that this is a good beryl prospect even though little or no beryl has been found in past operation.

2) The absence of any good evidence that beryl is likely to be found here leaves no choice but to deny this application.

RECOMMENDATION: Denial.

Paul L. Weis

Paul L. Weis

IN REPLY REFER TO:

G-MD-CNM

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

July 17, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2273 (Beryl, mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: P. L. Weis, U. S. Geological Survey
Applicant: Golding-Keene Co.
Name of property: Kidder pegmatite.
Location of property: Cheshire County, New Hampshire.
Date of field team report: July 2, 1952.
Authorship of field team report: W. T. Millar.
Field team's recommendation: Exploration, in three stages, the first costing $1,600, the second $12,000, and the third $10,000.
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2) The absence of any good evidence that beryl is likely to be found here leaves no choice but to deny this application.

RECOMMENDATION: Denial.

Paul L. Weis

Weis:jeh
G-7/17/52

cc: Director's reading file 4212
Branch reading 4212
DMEA
Weis, USGS, G-228
Norton, USGS, G-230

Peg in a beryl district
2000' long
50'-200' wide
Zoning not clearly defined
No beryl now exposed.
Small amount of beryl has
been saved in mining
a small tonnage of
feldspar

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

July 2, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-2273 - (Beryl-Mica)
Golding-Keene Co., Kidder Property
Alstead, Cheshire County, New Hampshire

Enclosed herewith are the original and three copies of the Field Report and Answers to "Review of Application for Exploration Assistance," by W. T. Millar, on subject docket.

W. T. Millar

W. T. Millar, acting for
McHenry Mosier

Enclosures 4

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3 1952

July 2, 1952

Golding-Keene Company, Docket No. DMEA-2273
Engineer's Field Report
W. T. Millar

The Kidder deposit is a huge pegmatite which may be traced for more than 2,000 feet along a northeasterly trend, and 50 to 200 feet in width. Neither beryl nor strategic mica has been found in the exposed portions of this pegmatite, but it is the engineer's opinion that some open cuts are necessary to expose structural characteristics of the deposit.

On the southwest end an open cut has been started, exposing a face about 75 feet wide normal to the trend of the pegmatite and zero to 30 feet high. The face consists of mixed quartz, feldspar, biotite, muscovite, concentrations of black tourmaline, and some garnet, all of which are badly stained. A few fragments of beryl were found in the waste dump. There are local concentrations of black tourmaline, clear quartz, small books of mica, and quartz stringers in the outcrop.

The plunge of the pegmatite is not definitely known, but the general appearances are suggestive of plunging to the southwest. If this impression is true, then the exposed face of mixed material is not a true thickness of the outer shell of the pegmatite, but an exaggerated section.

It is mentioned in a report by J. C. Olson of the U.S.G.S. on this pegmatite, that intensive mining should provide good exposures for study. It is not the engineer's intention to suggest intensive mining for examination of any deposit, but it is not considered that sufficient data can be obtained from the exposed portions of this pegmatite either to approve or condemn the deposit as a potential producer of beryl. The fact that beryl has been found in the present open cut, and indications of mineralizing solutions favorable for beryl deposition, are sufficient justification for additional investigation of a deposit with the magnitude of the Kidder pegmatite.

The applicant proposed trenches 25 feet wide and with a maximum depth of 50 feet at a contract price of $1.00 per ton, which is estimated to cost $25,000. Provided the trenching warrants further investigation of this deposit, then diamond core drilling is proposed, which will amount to an additional $20,000. This proposed exploration could be modified. However, in view of the meager data obtained from the surface exposures, the engineer suggests that the applicant be given an alternative. It is proposed that four cuts be made into the sloping sides of the pegmatite, two on each side normal to the strike. Each cut will be approximately 5 feet wide, and driven horizontally for a distance of 25 feet, producing a face about 25 feet high inside the pegmatite. The estimated cost is $400.00 for each cut, making $1,600.00 for the initial exploratory work. It is contemplated that this work should expose some of the structural characteristics of the pegmatite from which sufficient information may be obtained to determine whether further exploration is justified.

Additional factors favoring this exploration are:

The Golding-Keene Company has a modern flotation plant and a feldspar grinding plant within half a mile of this deposit and is in a position to utilize all marketable products which may be produced. This is considered as further assurance of additional royalty payments in case a certification of development is issued.

Beryl is known to occur in several other deposits in this area within 1 to 7 miles of the Kidder deposit. The total production is unknown but Beryl Mountain, only 6½ miles north of the Kidder deposit, produced 150 tons of beryl during 1949 and 1950 mining intermittently.

W. T. Millar

W. T. Millar

Golding-Keene Company
23 West Street
Keene, New Hampshire

Docket No. DMEA-2273
Commodity - Beryl-Mica
Total Amount - $45,000.
Govt. Participation - 90%

Answers to "Review of Application for Exploration Assistance."

4(b) J. C. Olsen, U.S.G.S. Report 1948 stated that beryl and strategic mica were not observed in the outcrops; that zoning is not clear; that there are two pegmatites; that intensive mining should provide good exposures for study.

(e) Alternative -
This pegmatite rises from 5 to 30 feet above the immediate area surrounding it, sloping on each side and to the southwest.

The application may be modified to conduct exploratory work in three stages as follows:

Stage I: Make four cuts into the sloping sides of the pegmatite, normal to the trend, two cuts on each side as indicated on the accompanying sketch. These cuts are to be approximately 5 feet wide, and 25 feet horizontally, which will expose a face in the pegmatite 10 to 25 feet high.

Stage II: If the results of the first stage are favorable, the exploration should be expanded to trenching and tunneling or test-pitting. This work may require 500 linear feet 10 feet wide and 20 feet deep which is equivalent to about 4,000 yards of material to be moved.

Stage III: Provided additional information is required, then resort to core drilling as indicated in the application, but reduced to 2,000 feet, and the locations for drill sites to be subject to revision to conform with geologic interpretations of data obtained from Stages I and II.

10(b) Cross sections could be made from data obtained during exploration, also contours, but an applicant in need of financial assistance does not consider it advisable to conduct expensive detailed surveys of pegmatite deposits unless development appears to be justified.

(c) Since beryl occurs in pegmatites and pegmatites are composed chiefly of feldspar it is natural to expect a bench or face of feldspar. But, if a beryl bearing zone is exposed by exploration, mining would be conducted in that zone. Also, if a certificate of discovery or development is issued, the royalty payment would apply to all sales from the operation.

10(d) The estimate costs are as follows:

Stage I	- 4 cuts @ $400.00 ea.	$ 1,600.00
Stage II	- Trenching and test-pitting 500' - 10' wide x 20' deep = 4,000 cu. yds. 4,000 cu. yds. @ $3.00 =	12,000.00
Stage III	- 2,000 ft. core drilling @ $4.25 plus supplies $500/for.	10,000.00
	Total -	$23,600.00

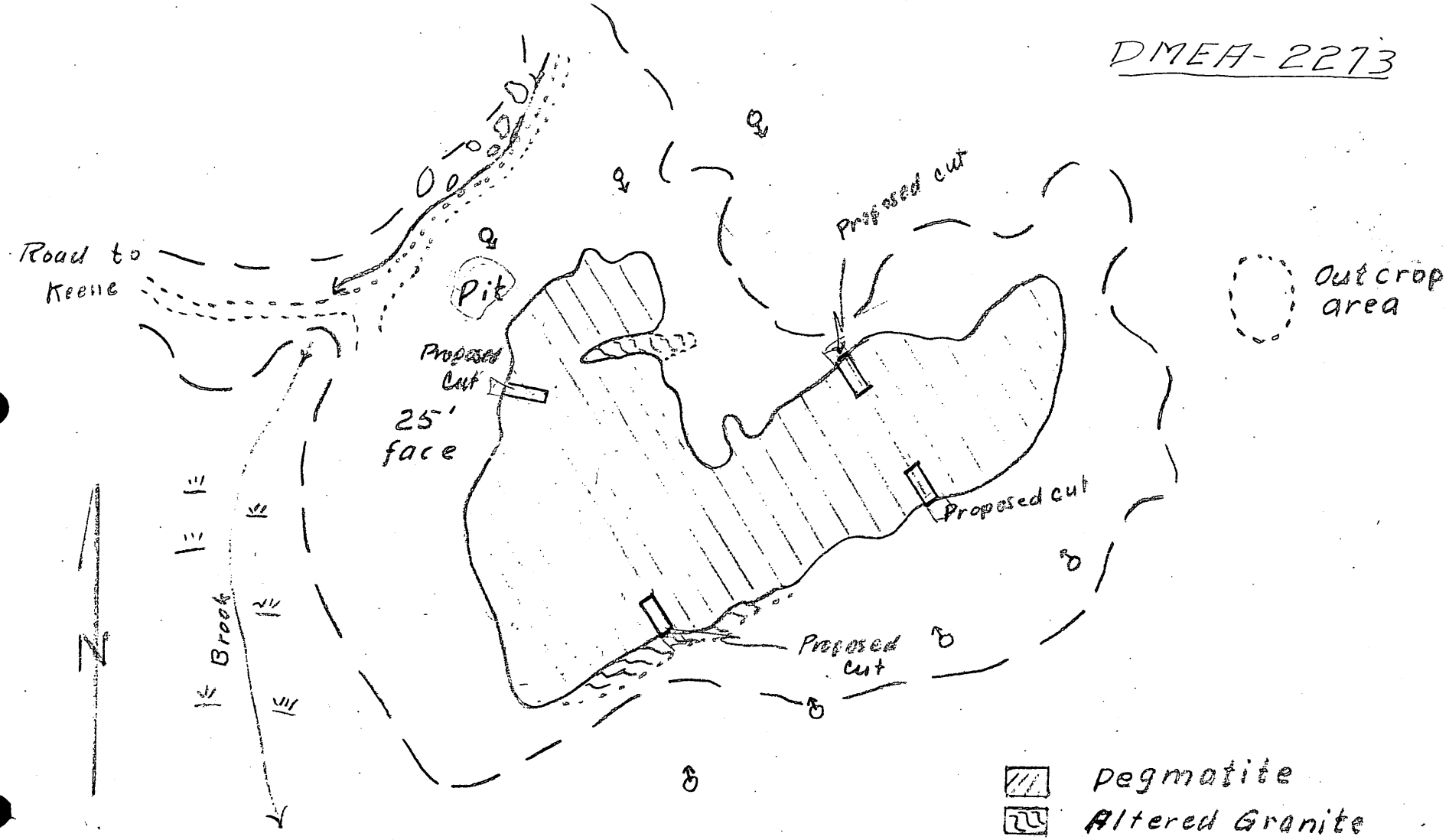
17- It is the engineer's opinion that this pegmatite is zoned, but the indications are not clear. The proposed alternative for exploration is expected to expose internal structure of the pegmatite and to indicate concentrations of beryl and mica.

W. T. Millar

By - W. T. Millar

College Park, Md.
July 2, 1952

DMEA-2273



Property of Feldspar Mines Inc.
Sketch shows that area of the dike which has been cleared of overburden
Sketch prepared by J.G. Gemmell Oct. 1951
Compass and pace method.

Traced by: W.T. Millar July 1952

Note: Proposed cuts are tentative locations to be verified in the field
WTM

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

July 2, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-8273 - (Beryl-Mica)
Golding-Emma Co., Kidder Property
Alstead, Cheshire County, New Hampshire

Enclosed herewith are the original and three copies of the Field Report and Answers to "Review of Application for Exploration Assistance," by W. T. Millar, on subject docket.

W. T. Millar
W. T. Millar, acting for
McHenry Mosier

Enclosures 4

MTM:rwa

copy for FEJohnson 3
NENelson
DMEA Files

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3 1952

July 2, 1952

Reviewed by
DMEA OPERATING COMMITTEE
7-11-52
(date)

Golding-Keene Company, Docket No. DMEA-2273
Engineer's Field Report
W. T. Miller

The Kidder deposit is a huge pegmatite which may be traced for more than 2,000 feet along a northeasterly trend, and 50 to 200 feet in width. Neither beryl nor strategic mica has been found in the exposed portions of this pegmatite, but it is the engineer's opinion that some open cuts are necessary to expose structural characteristics of the deposit.

On the southwest end an open cut has been started, exposing a face about 75 feet wide normal to the trend of the pegmatite and zero to 30 feet high. The face consists of mixed quartz, feldspar, biotite, muscovite, concentrations of black tourmaline, and some garnet, all of which are badly stained. A few fragments of beryl were found in the waste dump. There are local concentrations of black tourmaline, clear quartz, small books of mica, and quartz stringers in the outcrop.

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It is mentioned in a report by J. C. Olson of the U.S.G.S. on this pegmatite, that intensive mining should provide good exposures for study. It is not the engineer's intention to suggest intensive mining for examination of any deposit, but it is not considered that sufficient data can be obtained from the exposed portions of this pegmatite either to approve or condemn the deposit as a potential producer of beryl. The fact that beryl has been found in the present open cut, and indications of mineralizing solutions favorable for beryl deposition, are sufficient justification for additional investigation of a deposit with the magnitude of the Kidder pegmatite.

The applicant proposed trenches 25 feet wide and with a maximum depth of 50 feet at a contract price of $1.00 per ton, which is estimated to cost $25,000. Provided the trenching warrants further investigation of this deposit, then diamond core drilling is proposed, which will amount to an additional $20,000. This proposed exploration could be modified. However, in view of the meager data obtained from the surface exposures, the engineer suggests that the applicant be given an alternative. It is proposed that four cuts be made into the sloping sides of the pegmatite, two on each side normal to the strike. Each cut will be approximately 5 feet wide, and driven horizontally for a distance of 25 feet, producing a face about 25 feet high inside the pegmatite. The estimated cost is $400.00 for each cut, making $1,600.00 for the initial exploratory work. It is contemplated that this work should expose some of the structural characteristics of the pegmatite from which sufficient information may be obtained to determine whether further exploration is justified.

Additional factors favoring this exploration are:

The Golding-Keene Company has a modern flotation plant and a feldspar grinding plant within half a mile of this deposit and is in a position to utilize all marketable products which may be produced. This is considered as further assurance of additional royalty payments in case a certification of development is issued.

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W. T. Millar

Golding-Keene Company
23 West Street
Keene, New Hampshire

Docket No. DMEA-2273
Commodity - Beryl-Mica
Total Amount - $45,000.
Govt. Participation - 90%

Answers to "Review of Application for Exploration Assistance."

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(e) Alternative -
This pegmatite rises from 5 to 30 feet above the immediate area surrounding it, sloping on each side and to the southwest.

The application may be modified to conduct exploratory work in three stages as follows:

Stage I: Make four cuts into the sloping sides of the pegmatite, normal to the trend, two cuts on each side as indicated on the accompanying sketch. These cuts are to be approximately 5 feet wide, and 25 feet horizontally, which will expose a face in the pegmatite 10 to 25 feet high.

Stage II: If the results of the first stage are favorable, the exploration should be expanded to trenching and tunneling or test-pitting. This work may require 500 linear feet 10 feet wide and 20 feet deep which is equivalent to about 4,000 yards of material to be moved.

Stage III: Provided additional information is required, then resort to core drilling as indicated in the application, but reduced to 2,000 feet, and the locations for drill sites to be subject to revision to conform with geologic interpretations of data obtained from Stages I and II.

10(b) Cross sections could be made from data obtained during exploration, also contours, but an applicant in need of financial assistance does not consider it advisable to conduct expensive detailed surveys of pegmatite deposits unless development appears to be justified.

(c) Since beryl occurs in pegmatites and pegmatites are composed chiefly of feldspar it is natural to expect a bench or face of feldspar. But, if a beryl bearing zone is exposed by exploration, mining would be conducted in that zone. Also, if a certificate of discovery or development is issued, the royalty payment would apply to all sales from the operation.

10(d) The estimate costs are as follows:

Stage I	- 4 cuts @ $400.00 ea.	$ 1,600.00
Stage II	- Trenching and test-pitting 500' - 10' wide x 20' deep = 4,000 cu. yds. 4,000 cu. yds. @ $3.00 =	12,000.00
Stage III	- 2,000 ft. core drilling @ $4.25 plus supplies	10,000.00
	Total -	$23,000.00

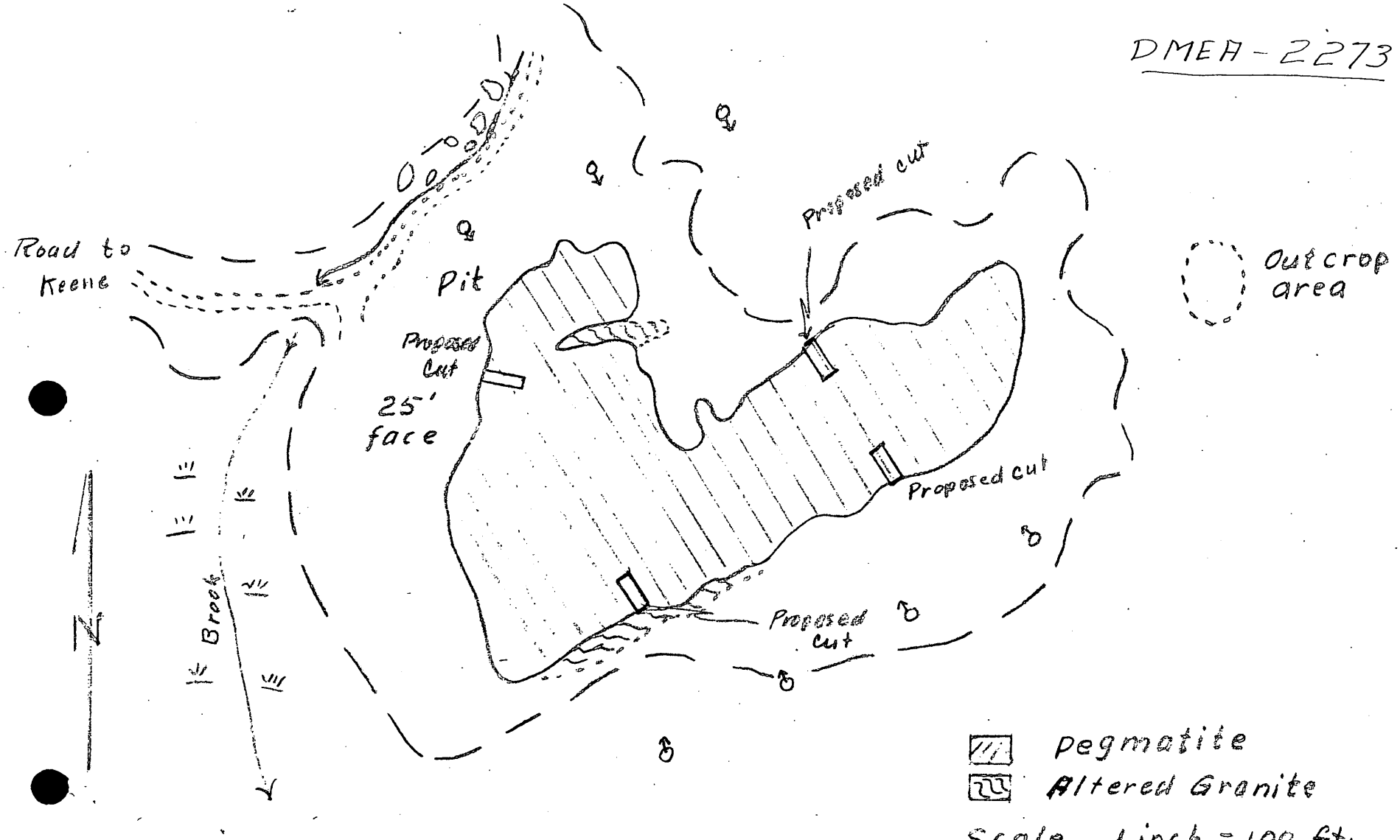
17 - It is the engineer's opinion that this pegmatite is zoned, but the indications are not clear. The proposed alternative for exploration is expected to expose internal structure of the pegmatite and to indicate concentrations of beryl and mica.

By - W. T. Millar

College Park, Md.
July 2, 1952

JUL 3 1952
RECEIVED
BUREAU OF MINES
DEPARTMENT OF THE INTERIOR

DMEA - 2273



Property of Feldspar Mines Inc.
Sketch shows that area of the dike which has been cleared of over burden
Sketch prepared by J.G. Gemmell Oct. 1951
Compass and pace method.
Traced by: W.T. Miller July 1952

Note: Proposed cuts are tentative locations to be verified in the field
WTM

MEMORANDUM

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 7 - 1952

Kidder pegmatite, Alstead, N.H.

Glenn W. Stewart
U. S. Geological Survey and
member of DMEA field team

DMEG-v273
N.H.

Introduction. Following a field examination on February 8, 1952 a brief, preliminary report on the Kidder pegmatite was submitted by Glenn W. Stewart. On May 9, 1952 the Kidder pegmatite was reexamined by Glenn W. Stewart and Ned E. Nelson, U. S. Geological Survey and DMEA.

Conclusions and Recommendations: In the natural exposures of the pegmatite and in the areas which have been exposed by stripping and prospecting there are no indications of any beryl- or mica-bearing zones. As a result of the absence of any clearly defined zones containing beryl or strategic mica, it is recommended that the application for exploratory assistance at the Kidder pegmatite be denied.

May 15, 1952
Durham, New Hampshire

Respectfully submitted,
Glenn W Stewart
Glenn W. Stewart

Filing

Feitler

600

Golding Keene Company
23 West Street
Keene, New Hampshire

Subject: DMEA-2273
Beryl-Mica
Golding Keene Company

Gentlemen:

Your application is being referred to Mr. McHenry Mosier Executive Officer, DMEA Field Team, Region VIII, Eastern Experiment Station, College Park, Maryland, for further information.

Sincerely yours,

Lawrence G. Houk, Acting Chief
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

SAFeitler:gad

Copy to: Admin. Reading File
Docket File
Mr. Houk
Mr. J. J. Norton, G-228, GSA Bldg.
Mr. Dietrich, 3526

600

JAN 29 1952

Mr. McHenry Mosier
Executive Officer
DMEA Field Team, Region VIII
Bureau of Mines
Eastern Experiment Station
College Park, Maryland

Subject: Docket No. DMEA-2273
Beryl-Mica
Golding Keene Company

Dear Mr. Mosier:

We enclose "Review of Application for Exploration Assistance" on:

Golding Keene Company
Docket No. DMEA-2273
Commodity: Beryl-Mica
Amount $45,000

Please expedite the consideration of this application with particular reference to the points raised in the enclosed "Review".

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosure

Approved:

J. H. Hedges

For Bureau of Mines

J P Shaw

For Geological Survey

SAFeitler:gad
1/24/52

Copy to: Admin. Reading File
Docket File
Mr. Houk
Mr. W. F. Dietrich, 3526
Mr. J. J. Norton, Rm. G-228 GSA Bldg.

Golden Keene

File Kidder

January 22, 1952

DMEA-1173

Memorandum for the Record:

Long distance telephone call from Keene, New Hampshire - [redacted]

Mr. Dennis Keene regarding the Kidder property. Mr. Feitler, Mr. Millar, and Mr. Moser, suggested to the Golden Keene company that they put in an exploration assistance application on any property with DMEA. The amount of beryl produced from the Kidder has been around 100 lbs. of beryl 4 to 5" in diameter. The company has bulldozed an area of about several hundred square feet, taking off the over-burden and exposing the raw pegmatite. The writer suggested to Mr. Dennis that he put in applications for beryl exploration on the Colony and other such pegmatites in the area that they control that may produce some beryl. He agreed to do this. The writer promised the Field Team referral for examination would go forward from this office this week, and all other applications would be given prompt attention as soon as weather conditions would permit. The possible addition of a beryl unit to the present Golden Keene mill was discussed. The writer asked Mr. Dennis to give him an estimate of the cost including the beryl unit in their present milling operations. Mr. Millar had previously told the writer that he had samples over a 24 hour period at the mill which indicated a beryl content of 0.1% at their production of 40,000 tons per year. This would be around 40 tons of beryl per year which, if it could be economically recovered, and if the mill feedheads could be kept at that level, might produce a significant tonnage.

No, but not for any particular property

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

NOT FOR PUBLIC INSPECTION

KIDDER FELDSPAR PROSPECTS, ALSTEAD, N. H.

Notes by J. C. Olson, Geologist, U. S. Geological Survey

WORKINGS: Two large pegmatites have been partly stripped in preparation for mining and milling to recover feldspar by flotation. Several small prospect pits.

PEGMATITES: Two very large pegmatites, several hundred to possibly 2000 feet in length, not traced for their full extent. At the best exposure of the north pegmatite, it appears to be divided into 2 parts by a screen of quartz-mica schist that crosses it approximately perpendicular to its long dimension.

MINERAL DISTRIBUTION: The south pegmatite is a rather even-grained mixture of perthite, quartz, graphic granite, tourmaline, muscovite, biotite, garnet, and apatite. The minerals are not evenly distributed. Tourmaline is common, and is abundant in places. Parts of the pegmatite are composed mainly of graphic granite, cut by strips of biotite with which muscovite and tourmaline are intergrown.

The north pegmatite, where exposed, has less tourmaline averages a little coarser-grained, and has a fairly high ratio of potash-to soda-feldspar. Neither pegmatite is very clearly zoned.

ECONOMIC DATA: No beryl or sheet muscovite seen.

Feldspar would be the principal product of a milling operation, scrap mica a by-product, quartz a possible by-product.

ADDITIONAL DATA: These pegmatites might well be mapped, and the mining followed; intensive mining should provide good exposures for study.

FILE COPY
SURNAME:

Thayer

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

JAN 29 1952

Golding Keene Company
23 West Street
Keene, New Hampshire

Subject: DMEA-2273
Beryl-Mica
Golding Keene Company

Gentlemen:

Your application is being referred to Mr. McHenry Mosier Executive Officer, DMEA Field Team, Region VIII, Eastern Experiment Station, College Park, Maryland, for further information.

Sincerely yours,

SIGNED

cc 1/29/52

Lawrence G. Houk, Acting Chief
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

SAFeitler:gad

Copy to: Admin. Reading File
Docket File
Mr. Houk
Mr. J. J. Norton, G-228, GSA Bldg.
Mr. Dietrich, 3526

FILE COPY
SURNAME:

SAFeitler
Houk
Thayer

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

JAN 29 1952

Mr. McHenry Mosier
Executive Officer
DMEA Field Team, Region VIII
Bureau of Mines
Eastern Experiment Station
College Park, Maryland

Subject: Docket No. DMEA-2273
Beryl-Mica
Golding Keene Company

Dear Mr. Mosier:

We enclose "Review of Application for Exploration Assistance" on:

Golding Keene Company
Docket No. DMEA-2273
Commodity: Beryl-Mica
Amount $45,000

Please expedite the consideration of this application with particular reference to the points raised in the enclosed "Review".

Sincerely yours,

CC 1/29/52

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosure

Approved:

J. H. Hedges
For Bureau of Mines

(s) J P Thayer
For Geological Survey

SAFeitler:gad
1/24/52

Copy to: Admin. Reading File
Docket File
Mr. Houk
Mr. W. F. Dietrich, 3526
Mr. J. J. Norton, Rm. G-228 GSA Bldg.

On the face of this application it appears to be an invitation to the Government to participate to the extent of 90 percent in development of a feldspar deposit.

DMEA Operating Committee
1/28/52

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMEA-2273

Commodity Beryl-Mica

Total Amount $45,000.00

Govt. Participation 90%

1. Name and Address of Applicant Golding Keene Company
23 West Street
Keene, New Hampshire

2. Location of Property Alstead, Cheshire County, New Hampshire

3. Mineral or metal Beryl Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor Report of J. C. Olsen, USGS (1948?)

c) None

d) Don't know—needs field examination Yes

e) Is there an alternative and favorable project? Please submit one. (If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Yes

Does the lease have sufficient time to run to cover a future productive period? Yes

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? Mortgage

b) MF-202

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Program can be improved

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Need cross sections or contour map

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? It would develop the first bench for quarrying feldspar.

If not, what part of it is? Properly placed trenches might be of value.

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? ~~New costs will be needed~~

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? ~~No~~ If so, attach a draft.

e) Are the cost estimates reasonable? ~~Yes~~

f) Should more information be requested from applicant? ~~No~~

g) Is a field examination necessary to complete Exhibit A? ~~Yes~~

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed? ~~Determine requirements for recommended program.~~

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable?_____

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed? ~~Set up necessary schedules~~

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed? ~~Set up schedules~~

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? **Determine requirements**

15. In your judgment, can the proposed work be done in the proposed time? **New estimates**

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed; do you have any special instructions for the field team not indicated by your answers to the foregoing question? **Can zoning be determined? Are beryl zones present? Mica? Are margins of the pegmatite exposed? Might a slot 50' deep transect a favorable zone (Applicant's proposal)? What are beryl & mica crystal sizes? Is there evidence to suggest coarser crystallization at some reasonable depth?**

Reviewed by: **S. A. Feitler**

Date **1/23/52**

97692

NOT FOR PUBLIC INSPECTION

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

KIDDER FELDSPAR PROSPECTS, ALSTEAD, N. H.

Notes by J. C. Olson, Geologist, U. S. Geological Survey

WORKINGS: Two large pegmatites have been partly stripped in preparation for mining and milling to recover feldspar by flotation. Several small prospect pits.

PEGMATITES: Two very large pegmatites, several hundred to possibly 2000 feet in length, not traced for their full extent. At the best exposure of the north pegmatite, it appears to be divided into 2 parts by a screen of quartz-mica schist that crosses it approximately perpendicular to its long dimension.

MINERAL DISTRIBUTION: The south pegmatite is a rather even-grained mixture of perthite, quartz, graphic granite, tourmaline, muscovite, biotite, garnet, and apatite. The minerals are not evenly distributed. Tourmaline is common, and is abundant in places. Parts of the pegmatite are composed mainly of graphic granite, cut by strips of biotite with which muscovite and tourmaline are intergrown.

The north pegmatite, where exposed, has less tourmaline averages a little coarser-grained, and has a fairly high ratio of potash-to soda-feldspar. Neither pegmatite is very clearly zoned.

ECONOMIC DATA: No beryl or sheet muscovite seen.

Feldspar would be the principal product of a milling operation, scrap mica a by-product, quartz a possible by-product.

ADDITIONAL DATA: These pegmatites might well be mapped, and the mining followed; intensive mining should provide good exposures for study.

1948?

January 16, 1952

To: Non-metallic Minerals Div.,

From: Donald H. Kupfer

Subject: Golding-Keene Company's
2273 Kidder mine

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 17 1952

Property examined by J. C. Olson of the U.S. Geol. Survey who states in an unpublished report that no beryl or sheet muscovite were seen. The mine is a feldspar mine, with scrap mica and quartz as possible by-products.

Donald H Kupfer

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bu...
Approval expires ...

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

DO NOT FILL IN THIS BLOCK

Docket No. D.M.E.A. 2273

Date received 12-5-51

Participation

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. 8:35 AM. '51 DEC 5

GOLDING KEENE CO PANY
23 West Street
Keene, New Hampshire

Name and address of applicant

Date November 1, 1951

FILL IN THIS BLOCK

Date of application November 1, 1951

Estimated cost $45,000

Mineral or metal BERYL

Percentage of Government participation 90%

Location of mine Alstead, N. H.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

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

    NOTE.—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 (*b*) 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.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

    (*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.

*17. Production:

    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

    (*a*) Describe the ore or mineral deposits briefly.

    (*b*) Submit available maps and assay data.

    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

    (*b*) Supervisors, by numbers and positions, with salaries of each.

    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

    (*f*) Cost of rental for equipment which the operator proposes to rent.

    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

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.

Golding Keene Co.
(Name of company)

By J. Alfred Dennis
(Signature of authorized official)

Nov. 12, 1951
(Date)

V. P.
(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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

GOLDING-KEENE COMPANY

KEENE, NEW HAMPSHIRE

GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

THE APPLICANT

QUESTION

No. 1 Corporation.

2 Not a partnership.

3 Philip H. Faulkner, Pres. Keene, N. H.
J. Alfred Dennis, V- " " "
Ralph C. Baker, Treas. New York City, N. Y.
Paul R. Bullard, Director
C. G. Copeland "

4 Golding-Keene Company and affiliated companies have been in the mining and grinding of Feldspar for the Ceramic Industry for the past thirty years. The Exploratory Project, if approved, will be under the direction of J. Alfred Dennis, V. P.

5 Feldspar Mines, Inc., are owners of the property upon which work will be done.

6 Leased to the Golding-Keene Company.

7. A lessee.

8 Financial Statement attached.

9 $4,500.00

10 Deed description of socalled Kidder lot acquired from Herbert W. Sprague and Merrill Kidder.

11 Part of the Kidder farm property.

12 Property in the town of Alstead, N. H. on the road leading from Gilsum Village, N. H. to (via Lake Warren) to the Village of Alstead, N. H.

13 Kidder Pond. Several million gallons available. No need for large quantities of water as work will be done by contract and gas equipment mainly used. POWER: Not over 200 H. P. Gasoline or similar equipment available through contractor.

14 No buildings needed other than contractor will supply.

15 Beryl, if discovered will be sold and shipped in Crude form to Beryllium Corporation, Reading, Pennsylvania - to any Federal Agency that may be created or now existing and to any other open market buyer. MICA, if discovered, will be sold to any Processor interested in Mine Run product. All of the above will be shipped from Keene, N. H. FELDSPAR: will be milled in Alstead mill of Golding-Keene Company located about 2500' from exploration job. Will be shipped from present loading facilities of Golding-Keene Company at Keene, New Hampshire.

GOLDING-KEENE COMPANY
KEENE, NEW HAMPSHIRE
GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

10 (b)

VOLUME 535 PAGE 306 8/29/47
Cheshire County Registry
State of New Hampshire

Herbert L. Kidder and Minnie F. Kidder of Winchendon, Massachusetts (in the County of Worcester - Commonwealth of Massachusetts) for and in consideration of the sum of one and more dollars to us in hand before the delivery hereof will and truly paid by Feldspar Mines Inc., a corporation duly organized and located at Keene, County of Cheshire and State of New Hampshire the receipt whereof we do hereby acknowledge, have given, granted, bargained, sold, and by these presents do give, grant, bargain, sell, alien, enfeoff, convey, and confirm, unto the said Grantee and its successors and assigns:

For a period of ninety-nine (99) years, from February 28, 1947, all the right to open and operate mines for Mica and Feldspar and for that purpose to enter upon the hereinafter described land doing no unnecessary damage, thereto, and paying to Herbert W. Sprague, his heirs, executors, administrators or assigns such damages that may be occasioned by the removal or destruction of timber thereon.

Said mining right is coextensive with a certain tract or parcel of land situated in the southerly part of Alstead in said County of Cheshire and bounded and described as follows:

Beginning at the northeast corner of the east pasture of said farm; thence running westerly along the wall to a stake and stones by a big maple tree to land formerly of one Brisdale; thence southerly along the east line of said Brisdale land for a distance of about 60 rods to another stake and stones in the south line of the lot hereby conveyed, and it being at land now or formerly of William Duran and Company for a distance of about 11½ rods to the end of an old stone wall easterly along line of land now or formerly of Horace Knight, as far as the same extends and still easterly to the west line of an old road leading from Alstead to Marlow; thence northerly along the west line of said old road to land now or formerly of Stanley Osburne; thence following the line of said Stanley Osburne's lot still northerly to the point of beginning.

Being all of the mining rights reserved by the said Grantors in a certain deed given to Herbert W. Sprague, dated Feb. 28, 1947 and recorded in Volume 530, Page 232, of the Cheshire Registry.

16 Open Pit Quarry partly developed for Crude Flotation Feldspar for Golding-Keene Company. Flotation mill located 2500' from operation. Good crude flotation Feldspar now available - some Beryl present in very small quantities. Pegmatire with further development probably will produce hand picked pottery Feldspar. Good sheet Mica may be present near contact walls. Reason for temporarily suspending operation at this quarry was the lack of market for Glass grade of Feldspar.

B Socalled "BIG MINE" Golding-Keene Company about 3000' West of this point. BIG MINE produced 250,000 tons Feldspar, Pottery grade. Largest Mica producer -(Mine run)- in the world, during World War II.

C No provate reports available. Bureau of Mines core drilled adjoining BIG MINE for Mica

17 PRODUCTION. No present mine production. Adjacent mill capable of 175 tons of Feldspar production daily. Present production 75 tons Pottery Feldspar. Very limited production beryl and mica.

18 PEGMATITE contains an estimated minimum 2,000,000 tons of feldspathic rock. Map and diagram attached hereto.

19 Fully described.

20 Feldspar - Quartz - Beryl - Mica.

21 (a) Propose to trench cut pegmatite minimum width 25 ft. maximum depth 50 feet. Length 300 ft. and cross cutting the trench same width and depth wherever material seems to warrant. This work will cost approximately $25,000 on a $1.00 per ton contract basis.

(b) If initial exploratory work warrants core drill whole pegmatite limiting cost to $20,000 or about 4000 feet.

All work done by outside contractors. No money needed for equipment. All work to be done within one year. Trench work to be done immediately while low Winter rates prevail.

Trench work to reveal 800 feet of faces. Floor 400 feet additional.

GOLDING-KEENE COMPANY

KEENE, NEW HAMPSHIRE

GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

SUPPLEMENTARY DATA REQUESTED -

QUESTION 12.

The property upon which exploratory work will we done is located near our Feldspar grinding plant in Alstead, N. H. It is approximately 12 miles to Keene, N. H. the shipping point of any production of mineral. Nine miles of this distance or from Keene to Gilsum, N. H. is on a State road, Route 10, and is a good, hard surfaced road useable the year around. The remaining distance, three miles, from Gilsum to the Mill, is a part black top road and part hard gravel road - as used by the Golding-Keene Company daily the year around. Daily shipments from the mill over this identical road to our Loading Station average 75 tons per day and this rate of shipping has been in effect for the past thirty years.

QUESTION 23.

As outlined in answer to Question 21, we propose to trench cut the pegmatite a minimum width of 25' and a maximum depth of 50' and an approximate length of 300' which figures about 375,000 cubic feet of rock at an average weight of 150 pounds per cubic foot - which gives 28,130 tons. This will give us surface exposure of rock on the sides of the trench and the bottom, of 4500 square feet.

The work will be done entirely by contract and there will be no labor, supervision, clerical assistance or supplies to be accounted for. Invoices will be rendered by the Contractor monthly and would be payable tendays after receipt. The Government 90% and the Company's 10% checks would cover the entire transaction. The work will be on a cubic foot computed basis, agreed upon by the Contractor, the Government representative, and the Golding-Keene Company.

22 Geology not needed. Surface exposure from glacial erosion proves extent of deposit.

23 All work done on a cost per ton basis by local contractor. Cubic contents of excavation at 165 lbs. per cu. ft. Bills rendered monthly for work done only.

24 Six months for all trench work. Six months later for all core drilling.

Property of Feldspar Mines Inc.

Sketch shows that area of the dike which has been cleared of overburden.

Sketch prepared by J. G. Gemmell, Oct. 1951 using compass and pacing method.

GOLDING-KEENE COMPANY

KEENE, NEW HAMPSHIRE

GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] project [illegible]

[illegible]

GOLDING-KEENE COMPANY

Keene, New Hampshire
September 30, 1951

BALANCE SHEET

ASSETS

CURRENT ASSETS:			
Cash		$14 305 60	
Accounts Receivable:			
Merchandise	$ 9 781 40		
Associated Companies	31 166 00	40 947 40	
Merchandise Inventory		9 990 72	
Stores Inventory		14 955 43	$ 80 199 15
DEFERRED CHARGES:			
Prepaid Insurance		$ 2 645 89	
Prepaid Taxes		34 11	
Accrued Accounting Expense		297 50	2 977 50
INVESTMENTS:			
Capital Stock, Common "A" Standard Flint & Spar		$ 7 500 00	7 500.00
FIXED ASSETS (Appraised Valuations):			
Land		$ 8 691 79	
Mine Machinery and Equipment		46 669 56	
Office Furniture and Fixtures		1 832 96	
1942 Ford Dump Truck with Brooks Load Lugger		1 769 51	
1941 Dodge Dump Truck		558 25	
1940 Dodge one-ton Express Truck		775 23	
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Flotation Plant Machinery and Equipment		131 027 46	
Pottery Mill Machinery and Equipment		68 219 75	
Flotation Plant Dams		1 826 84	
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New Loading Station Machinery and Equipment		2 033 67	
Power Lines		2 538 84	
New Railroad Siding		8 569 30	
Laboratory Equipment		2 953 98	
Roads		6 000 58	
Kidder Mine Development		7 677 65	403 996 15
TOTAL ASSETS			$499 672 78

LIABILITIES

CURRENT LIABILITIES:		
Accounts Payable:		
Merchandise	$ 7 792 38	
Associated Companies	85 497 93	
Officers	2 783 50	
	$96 073 81	
Accrued Social Security Taxes	1 564 84	
With	637 00	

November 23, 1951

Golding-Keene, Company
23 West Street
Keene, New Hampshire

Attention: Mr. J.Alfred Dennis

Gentlemen:

I am pleased to submit the following estimate for exploratory mining. This work would entail drilling, blasting and removing the blasted material with a power shovel. I believe this operation would cost about one dollar per ton. This figure is an estimate for average conditions. The actual cost would be governed by the type of material, its location and the availability of spoilage area to waste the blasted material.

Very truly yours,

ARTHUR WHITCOMB, INC.
By

G. Allen Hott

G. Allen Hott

lr

Times
negotiating
as good contracts is
possible during
wartime conditions

Wait for U.S.G.S.
B of M
comments
7 [illegible] of Forests

EXPLORATION

Subject: DMEA-2273
Re: Exploration Loan
Kidder Farm Property

Mr. Alfred Dennis, Vice President
Golding Keene Company
23 West Street
Keene, New Hampshire

My dear Mr. Dennis:

This will acknowledge receipt of your application dated November 1, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2273 and referred to the Non-Metallics Branch.

Kindly refer to DMEA-2273 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

RALPH C. BAKER

Pres
Golding Keene Co.
Keene NH

VICE PRESIDENT
AMOTT, BAKER & CO.
Incorporated
150 BROADWAY
NEW YORK 38, N.Y.

TELEPHONE
BARCLAY 7-4880

7862

DMEA2273

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

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
DEC 5 8:35 AM '51

December 4, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee

From: Executive Officer, Bureau-Survey Field Team, Region VIII

Subject: Application from Golding-Keene Company

Enclosed are 4 copies of an application from The Golding-Keene Company, Keene, New Hampshire.

This office has been in contact with the subject company over a period of several years and has always found Mr. J. Alfred Dennis, Vice President, very cooperative when ever the Government became interested in increasing production of strategic minerals. During the last war, Mr. Dennis operated the "Big Mine" for mica and it is reported that this mine was the world's largest individual producer of mica.

The Golding-Keene Company owns and leases a number of pegmatite deposits in New Hampshire and constructed a modern flotation plant which was put into operation during 1949. The grinding unit of this plant is operating continuously but the flotation unit still has a few "bugs" to iron out.

Mr. W. T. Millar from this office spent a week reviewing pegmatite deposits with an engineer of the Golding-Keene staff. It is expected that applications will be filed for Government's participation in exploration on several of the deposits now owned or leased by the company, the enclosed application being the first.

The Kidder property described in this application is a huge pegmatite. Beryl has been recovered in previous exploratory work but it is necessary to expose a section to determine the possibilities of beryl concentration.

The reason for a low figure in the estimated contract price for excavating is that the contractor is a local organization and accepts work during the slack winter season at a lower rate.

McHenry Mosier

McHenry Mosier

Attachments

725 MAIN STREET

TELEPHONES 110 167

ARTHUR WHITCOMB, INC.

POWER SHOVELS
DUMP TRUCKS
SHOVEL TRAILER
TRENCH DIGGERS
CRANES
COMPRESSORS
BULLDOZERS
SCRAPERS

READY MIX CONCRETE
WASHED SAND
AND STONE
LOAM
CEMENT BLOCKS
ASPHALT SURFACES

CONTRACTOR
LARGEST FLEET OF SHOVELS
IN NEW HAMPSHIRE

KEENE, N. H.

November 23, 1951

Golding-Keene Company
23 West Street
Keene, New Hampshire

Attention: Mr. J.Alfred Dennis

Gentlemen:

I am pleased to submit the following estimate for exploratory mining. This work would entail drilling, blasting and removing the blasted material with a power shovel. I believe this operation would cost about one dollar per ton. This figure is an estimate for average conditions. The actual cost would be governed by the type of material, its location and the availability of spoilage area to waste the blasted material.

Very truly yours,

ARTHUR WHITCOMB, INC.
By G. Allen Mott

G.Allen Mott

lr

GOLDING-KEENE COMPANY

KEENE, NEW HAMPSHIRE

GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

November 23, 1951

Mr. McHenry Mosier, Executive Officer
Bureau-Survey Field Team
Defense Minerals Administration
Region VIII
College Park, Maryland.

Dear Mr. Mosier:

We are returning herewith the Application Forms with the additions to Questions 12 and 23, together with a statement from Arthur Whitcomb, a reliable local contractor.

In regard to the Subordination Agreement, this can be readily obtained whenever we are ready to sign the actual working agreement. We have a participation mortgage loan from the segeral banks here in the State and inasmuch as we may do several exploratory jobs (depanding upon the ability of the Federal Government to act promptly) we do not want to take the time to contact each bank before we are sure of the project being approved.

You may be assured the banks are ready and willing to cooperate in this matter as always.

With good wishes, we are

Very truly yours,

GOLDING KEENE COMPANY

J. Alfred Dennis

Vice-President.

JAD:MacK
Encl:

P.S. Thanks for the "Big Mine" Report.
JAD.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. D.M.E.A. 2273

Date received 12-5-51

Participation

GOLDING KEENE COMPANY
23 West Street
Keene, New Hampshire

Name and address of applicant

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C. DEC 5 8:35 AM '51

Date November 1, 1951

FILL IN THIS BLOCK

Date of application November 1, 1951

Estimated cost $45,000

Mineral or metal BERYL

Percentage of Government participation 90%

Location of mine Alstead, N. H.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

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

NOTE.—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 (*b*) 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.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*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.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

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.

Goldney Keene Co.
(Name of company)

Nov. 12, 1951
(Date)

By Alfred Dennis
(Signature of authorized official)

V. P.
(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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

GOLDING-KEENE COMPANY

KEENE, NEW HAMPSHIRE

GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

THE APPLICANT

QUESTION

No. 1 Corporation.

2 Not a partnership.

3 Philip H. Faulkner, Pres. Keene, N. H.
J. Alfred Dennis, V- " " "
Ralph C. Baker, Treas. New York City, N. Y.
Paul R. Bullard, Director
G. G. Copeland "

4 Golding-Keene Company and affiliated companies have been in the mining and grinding of Feldspar for the Ceramic Industry for the past thirty years. The Exploratory Project, if approved, will be under the direction of J. Alfred Dennis, V. P.

5 Feldspar Mines, Inc., are owners of the property upon which work will be done.

6 Leased to the Golding-Keene Company.

7. A lessee.

8 Financial Statement attached.

9 $4,500.00

10 Deed description of socalled Kidder lot acquired from Herbert W. Sprague and Merrill Kidder.

11 Part of the Kidder farm property.

12 Property in the town of Alstead, N. H. on the road leading from Gilsum Village, N. H. to (via Lake Warren) to the Village of Alstead, N. H.

13 Kidder Pond. Several million gallons available. No need for large quantities of water as work will be done by contract and gas equipment mainly used. POWER: Not over 200 H. P. Gasoline or similar equipment available through contractor.

14 No buildings needed other than contractor will supply.

15 Beryl, if discovered will be sold and shipped in Crude form to Beryllium Corporation, Reading, Pennsylvania - to any Federal Agency that may be created or no existing and to any other open market buyer. MICA, if discovered, will be sold to any Processor interested in Mine Run product. All of the above will be shipped from Keene, N. H. FELDSPAR: will be milled in Alstead mill of Golding-Keene Company located about 2500' from exploration job. Will be shipped from present loading facilities of Golding-Keene Company at Keene, New Hampshire.

GOLDING-KEENE COMPANY

KEENE, NEW HAMPSHIRE

GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

10 (b)

VOLUME 535 PAGE 306 8/29/47
Cheshire County Registry
State of New Hampshire

Herbert L. Kidder and Minnie F. Kidder of Winchendon, Massachusetts (in the County of Worcester - Commonwealth of Massachusetts) for and in consideration of the sum of one and more dollars to us in hand before the delivery hereof will and truly paid by Feldspar Mines Inc., a corporation duly organized and located at Keene, County of Cheshire and State of New Hampshire the receipt whereof we do hereby acknowledge, have given, granted, bargained, sold, and by these presents do give, grant, bargain, sell, alien, enfeoff, convey, and confirm, unto the said Grantee and its successors and assigns:

For a period of ninety-nine (99) years, from February 28, 1947, all the right to open and operate mines for Mica and Feldspar and for that purpose to enter upon the hereinafter described land doing no unnecessary damage, thereto, and paying to Herbert W. Sprague, his heirs, executors, administrators or assigns such damages that may be occasioned by the removal or destruction of timber thereon.

Said mining right is coextensive with a certain tract or parcel of land situated in the southerly part of Alstead in said County of Cheshire and bounded and described as follows:

Beginning at the northeast corner of the east pasture of said farm; thence running westerly along the wall to a stake and stones by a big maple tree to land formerly of one Brisdale; thence southerly along the east line of said Brisdale land for a distance of about 60 rods to another stake and stones in the south line of the lot hereby conveyed, and it being at land now or formerly of William Durant and Company for a distance of about 11½ rods to the end of an old stone wall easterly along line of land now or formerly of Horace Knight, as far as the same extends and still easterly to the west line of an old road leading from Alstead to Marlow; thence northerly along the west line of said old road to land now or formerly of Stanley Osburne; thence following the line of said Stanley Osburne's lot still northerly to the point of beginning.

Being all of the mining rights reserved by the said Grantors in a certain deed given to Herbert W. Sprague, dated Feb. 28, 1947 and recorded in Volume 530, Page 232, of the Cheshire Registry.

GOLDING-KEENE COMPANY

KEENE, NEW HAMPSHIRE

GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

SUPPLEMENTARY DATA REQUESTED -

QUESTION 12.

The property upon which exploratory work will we done is located near our Feldspar grinding plant in Alstead, N. H. It is approximately 12 miles to Keene, N. H. the shipping point of any production of mineral. Nine miles of this distance or from Keene to Gilsum, N. H. is on a State road, Route 10, and is a good, hard surfaced road useable the year around. The remaining distance, three miles, from Gilsum to the Mill, is a part black top road and part hard gravel road - as used by the Golding-Keene Company daily the year around. Daily shipments from the mill over this identical road to our Loading Station average 75 tons per day and this rate of shipping has been in effect for the past thirty years.

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The work will be done entirely by contract and there will be no labor, supervision, clerical assistance or supplies to be accounted for. Invoices will be rendered by the Contractor monthly and would be payable tendays after receipt. The Government 90% and the Company's 10% checks would cover the entire transaction. The work will be on a cubic foot computed basis, agreed upon by the Contractor, the Government representative, and the Golding-Keene Company.

16 Open Pit Quarry partly developed for Crude Flotation Feldspar for Golding-Keene Company. Flotation mill located 2500' from operation. Good crude floation Feldspar now available - some Beryl present in very small quantities. Pegmatite with further development probably will produce hand picked pottery Feldspar. Good sheet Mica may be present near contact walls. Reason for temporarily suspending operation at this quarry was the lack of market for Glass grade of Feldspar.

B Socalled "BIG MINE" Golding-Keene Company about 3000' West of this point. BIG MINE produced 250,000 tons Feldspar, Pottery grade. Largest Mica producer -(Mine run)- in the world, during World War II.

C No provate reports available. Bureau of Mines core drilled adjoining BIG MINE for Mica

17 PRODUCTION. No present mine production. Adjacent mill capable of 175 tons of Feldspar production daily. Present production 75 tons Pottery Feldspar. Very limited production beryl and mica.

18 PEGMATITE contains an estimated minimum 2,000,000 tons of feldspathic rock. Map and diagram attached hereto.

19 Fully described.

20 Feldspar - Quartz - Beryl - Mica.

21 (a) Propose to trench cut pegmatite minimum width 25 ft. maximum depth 50 feet. Length 300 ft. and cross cutting the trench same width and depth wherever material seems to warrant. This work will cost approximately $25,000 on a $1.00 per ton contract basis.

(b) If initial exploratory work warrants core drill whole pegmatite limiting cost to $20,000 or about 4000 feet.

All work done by outside contractors. No money needed for equipment. All work to be done within one year. Trench work to be done immediately while low Winter rates prevail.

Trench work to reveal 800 feet of faces. Floor 400 feet additional.

22 Geology not needed. Surface exposure from glacial erosion proves extent of deposit.

23 All work done on a cost per ton basis by local contractor. Cubic contents of excavation at 165 lbs. per cu. ft. Bills rendered monthly for work done only.

24 Six months for all trench work. Six months later for all core drilling.

GOLDING*KEENE COMPANY

Keene, New Hampshire
September 30, 1951

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Kidder Mine Development		7 677 65	408 996 13
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LIABILTIES

CURRENT LIABILITIES:

November 23, 1951

Golding-Keene, Company
23 West Street
Keene, New Hampshire

Attention: Mr. J.Alfred Dennis

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ARTHUR WHITCOMB, INC.
By G. Allen Mott

G. Allen Mott

lr

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. D.M.E.A. 2273

Date received 12-5-51

Participation

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. DEC 5 8 35 AM '51

GOLDING KEENE COMPANY
23 West Street
Keene, New Hampshire

Name and address of applicant

Date November 1, 1951

FILL IN THIS BLOCK

Date of application November 1, 1951

Estimated cost $45,000

Mineral or metal BERYL

Percentage of Government participation 90%

Location of mine Alstead, N. H.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
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6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
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*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

GOLDING-KEENE COMPANY

KEENE, NEW HAMPSHIRE

GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

THE APPLICANT

QUESTION

No. 1 Corporation.

2 Not a partnership.

3 Philip H. Faulkner, Pres. Keene, N. H.
J. Alfred Dennis, V- " " "
Ralph C. Baker, Treas. New York City, N' Y.
Paul R. Bullard, Director
G. G. Copeland "

4 Golding-Keene Company and affiliated companies have been in the mining and grinding of Feldspar for the Ceramic Industry for the past thirty years. The Exploratory Project, if approved, will be under the direction of J. Alfred Dennis, V. P.

5 Feldspar Mines, Inc., are owners of the property upon which work will be done.

6 Leased to the Golding-Keene Company.

7. A lessee.

8 Financial Statement attached.

9 $4,500.00

10 Deed description of socalled Kidder lot acquired from Herbert W. Sprague and Merrill Kidder.

11 Part of the Kidder farm property.

12 Property in the town of Alstead, N. H. on the road leading from Gilsum Village, N. H. to (via Lake Warren) to the Village of Alstead, N. H.

13 Kidder Pond. Several million gallons available. No need for large quantities of water as work will be done by contract and gas equipment mainly used. POWER: Not over 200 H. P. Gasoline or similar equipment available through contractor.

14 No buildings needed other than contractor will supply.

15 Beryl, if discovered will be sold and shipped in Crude form to Beryllium Corporation, Reading, Pennsylvania - to any Federal Agency that may be created or now existing and to any other open market buyer. MICA, if discovered, will be sold to any Processor interested in Mine Run product. All of the above will be shipped from Keene, N. H. FELDSPAR: will be milled in Alstead mill of Golding-Keene Company located about 2500' from exploration job. Will be shipped from present loading facilities of Golding-Keene Company at Keene, New Hampshire.

GOLDING-KEENE COMPANY
KEENE, NEW HAMPSHIRE
GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

SUPPLEMENTARY DATA REQUESTED -

QUESTION 12.

The property upon which exploratory work will we done is located near our Feldspar grinding plant in Alstead, N. H. It is approximately 12 miles to Keene, N. H. the shipping point of any production of mineral. Nine miles of this distance or from Keene to Gilsum, N. H. is on a State road, Route 10, and is a good, hard surfaced road useable the year around. The remaining distance, three miles, from Gilsum to the Mill, is a part black top road and part hard gravel road - as used by the Golding-Keene Company daily the year around. Daily shipments from the mill over this identical road to our Loading Station average 75 tons per day and this rate of shipping has been in effect for the past thirty years.

QUESTION 23.

As outlined in answer to Question 21, we propose to trench cut the pegmatite a minimum width of 25' and a maximum depth of 50' and an approximate length of 300' which figures about 375,000 cubic feet of rock at an average weight of 150 pounds per cubic foot - which gives 28,120 tons. This will give us surface exposure of rock on the sides of the trench and the bottom, of 4500 square feet.

The work will be done entirely by contract and there will be no labor, supervision, clerical assistance or supplies to be accounted for. Invoices will be rendered by the Contractor monthly and would be payable tendays after receipt. The Government 90% and the Company's 10% checks would cover the entire transaction. The work will be on a cubic foot computed basis, agreed upon by the Contractor, the Government representative, and the Golding-Keene Company.

10 (b) VOLUME 535 PAGE 306 8/29/47
Cheshire County Registry
State of New Hampshire

Herbert L. Kidder and Minnie F. Kidder of Winchendon, Massachusetts (in the County of Worcester - Commonwealth of Massachusetts) for and in consideration of the sum of one and more dollars to us in hand before the delivery hereof will and truly paid by Feldspar Mines Inc., a corporation duly organized and located at Keene, County of Cheshire and State of New Hampshire the receipt whereof we do hereby acknowledge, have given, granted, bargained, sold, and by these presents do give, grant, bargain, sell, alien, enfeoff, convey, and confirm, unto the said Grantee and its successors and assigns:

For a period of ninety-nine (99) years, from February 28, 1947, all the right to open and operate mines for Mica and Feldspar and for that purpose to enter upon the hereinafter described land doing no unnecessary damage, thereto, and paying to Herbert W. Sprague, his heirs, executors, administrators or assigns such damages that may be occasioned by the removal or destruction of timber thereon.

Said mining right is coextensive with a certain tract or parcel of land situated in the southerly part of Alstead in said County of Cheshire and bounded and described as follows:

Beginning at the northeast corner of the east pasture of said farm; thence running westerly along the wall to a stake and stones by a big maple tree to land formerly of one Brisdale; thence southerly along the east line of said Brisdale land for a distance of about 60 rods to another stake and stones in the south line of the lot hereby conveyed, and it being at land now or formerly of William Durant and Company for a distance of about 11½ rods to the end of an old stone wall easterly along line of land now or formerly of Horace Knight, as far as the same extends and still easterly to the west line of an old road leading from Alstead to Marlow; thence northerly along the west line of said old road to land now or formerly of Stanley Osburne; thence following the line of said Stanley Osburne's lot still northerly to the point of beginning.

Being all of the mining rights reserved by the said Grantors in a certain deed given to Herbert W. Sprague, dated Feb. 28, 1947 and recorded in Volume 530, Page 232, of the Cheshire Registry.

16 Open Pit Quarry partly developed for Crude Flotation Feldspar for Golding-Keene Company. Flotation mill located 2500' from operation. Good crude flotation Feldspar now available - some Beryl present in very small quantities. Pegmatite with further development probably will produce hand picked pottery Feldspar. Good sheet Mica may be present near contact walls. Reason for temporarily suspending operation at this quarry was the lack of market for Glass grade of Feldspar.

B Socalled "BIG MINE" Golding-Keene Company about 3000' West of this point. BIG MINE produced 250,000 tons Feldspar, Pottery grade. Largest Mica producer -(Mine run)- in the world, during World War II.

C No private reports available. Bureau of Mines core drilled adjoining BIG MINE for Mica

17 PRODUCTION. No present mine production. Adjacent mill capable of 175 tons of Feldspar production daily. Present production 75 tons Pottery Feldspar. Very limited production beryl and mica.

18 PEGMATITE contains an estimated minimum 2,000,000 tons of feldspathic rock. Map and diagram attached hereto.

19 Fully described.

20 Feldspar - Quartz - Beryl - Mica.

21 (a) Propose to trench cut pegmatite minimum width 25 ft. maximum depth 50 feet. Length 300 ft. and cross cutting the trench same width and depth wherever material seems to warrant. This work will cost approximately $25,000 on a $1.00 per ton contract basis.

(b) If initial exploratory work warrants core drill whole pegmatite limiting cost to $20,000 or about 4000 feet.

All work done by outside contractors. No money needed for equipment. All work to be done within one year. Trench work to be done immediately while low Winter rates prevail.

Trench work to reveal 800 feet of faces. Floor 400 feet additional.

22 Geology not needed. Surface exposure from glacial erosion proves extent of deposit.

23 All work done on a cost per ton basis by local contractor. Cubic contents of excavation at 165 lbs. per cu. ft. Bills rendered monthly for work done only.

24 Six months for all trench work. Six months later for all core drilling.

GOLDING-KEENE COMPANY

Keene, New Hampshire
September 30, 1951

8

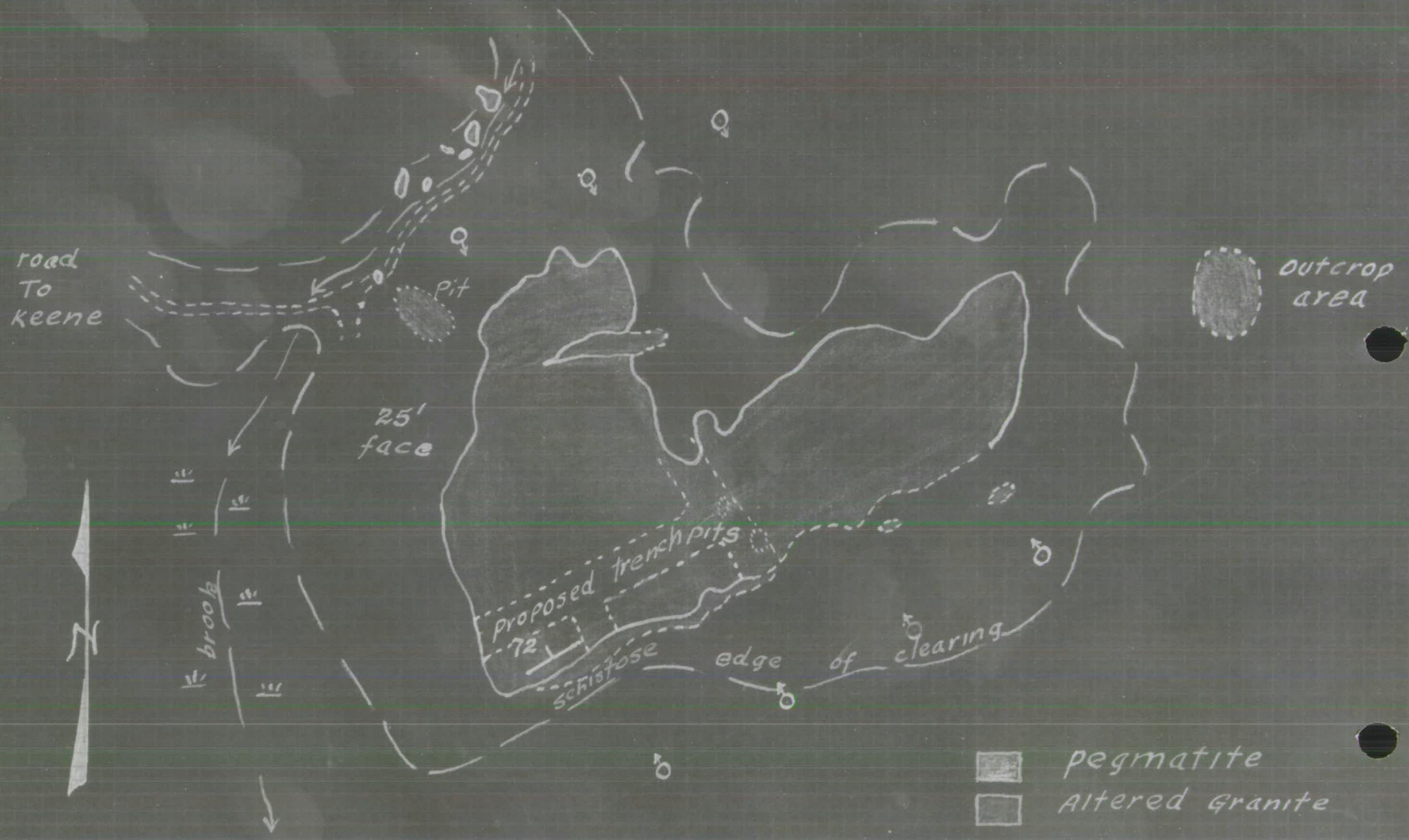
BALANCE SHEET

ASSETS

CURRENT ASSETS:			
Cash		$14 305 60	
Accounts Receivable:			
Merchandise	$ 9 781 40		
Associated Companies	31 166 00	40 947 40	
Merchandise Inventory		9 990 72	
Stores Inventory		14 955 43	$ 80 199 15
DEFERRED CHARGES:			
Prepaid Insurance		$ 2 645 89	
Prepaid Taxes		34 11	
Accrued Accounting Expense		297 50	2 977 50
INVESTMENTS:			
Capital Stock, Common "A" Standard Flint & Spar		$ 7 500 00	7 500.00
FIXED ASSETS (Appraised Valuations):			
Land		$ 8 691 79	
Mine Machinery and Equipment		46 669 56	
Office Furniture and Fixtures		1 832 96	
1942 Ford Dump Truck with Brooks Load Lugger		1 769 51	
1941 Dodge Dump Truck		558 25	
1940 Dodge one-ton Express Truck		775 23	
Flotation and Pottery Mill Buildings		107 380 61	
Flotation Plant Machinery and Equipment		131 027 46	
Pottery Mill Machinery and Equipment		58 219 75	
Flotation Plant Dams		1 826 84	
New Loading Station Buildings		10 470 15	
New Loading Station Machinery and Equipment		2 033 67	
Power Lines		2 538 84	
New Railroad Siding		8 569 30	
Laboratory Equipment		2 953 98	
Roads		6 000 58	
Kidder Mine Development		7 677 65	408 996 13
TOTAL ASSETS			$499 672 78

LIABILTIES

CURRENT LIABILITIES:			
Accounts Payable:			
Merchandise	$ 7 792 38		
Associated Companies	85 497 93		
Officers	2 783 50		
	$96 073 81		
Accrued Social Security Taxes	1 564 84		
Withholding Taxes	637 00		
Wages Accrued	1 461 87		
Notes Payable:			
Banks	65 839 13		
Officers	3 450 00		
Accrued Interest on Notes Payable:			
Banks	384 74		
Officers	31 25		
Accrued Rent	75 00		
Accrued Real Estate Taxes	2 862 00		
Dividends Payable	5 321 25		
Accrued Workman's Compensation Ins.	4 671 05		
Mortgage Paument Due June 30, 1952	18 000 00		
Accrued Interest on Mortgage Payable	1 338 75	$201 710 69	
FIXED LIABILITIES:			
Participating 4¼% Mortgage Payable		108 000 00	309 710 69
NET WORTH			$189 962 09



Property of Feldspar Mines Inc.

Sketch shows that area of the dike which has been cleared of overburden.

Sketch prepared by J. G. Gemmell, Oct. 1951 using compass and pacing method.

Property of Feldspar Mines Inc.

Sketch shows that area of the dike which has been cleared of overburden.

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GOLDING-KEENE COMPANY

KEENE, NEW HAMPSHIRE

GROUND FLINT AND FELDSPAR FOR THE CERAMIC INDUSTRY

November 23, 1951

Mr. McHenry Mosier, Executive Officer
Bureau-Survey Field Team
Defense Minerals Administration
Region VIII
College Park, Maryland.

Dear Mr. Mosier:

We are returning herewith the Application Forms with the additions to Questions 12 and 23, together with a statement from Arthur Whitcomb, a reliable local contractor.

In regard to the Subordination Agreement, this can be readily obtained whenever we are ready to sign the actual working agreement. We have a participation mortgage loan from the several banks here in the State and inasmuch as we may do several exploratory jobs (depending upon the ability of the Federal Government to act promptly) we do not want to take the time to contact each bank before we are sure of the project being approved.

You may be assured the banks are ready and willing to cooperate in this matter as always.

With good wishes, we are

Very truly yours,

GOLDING KEENE COMPANY

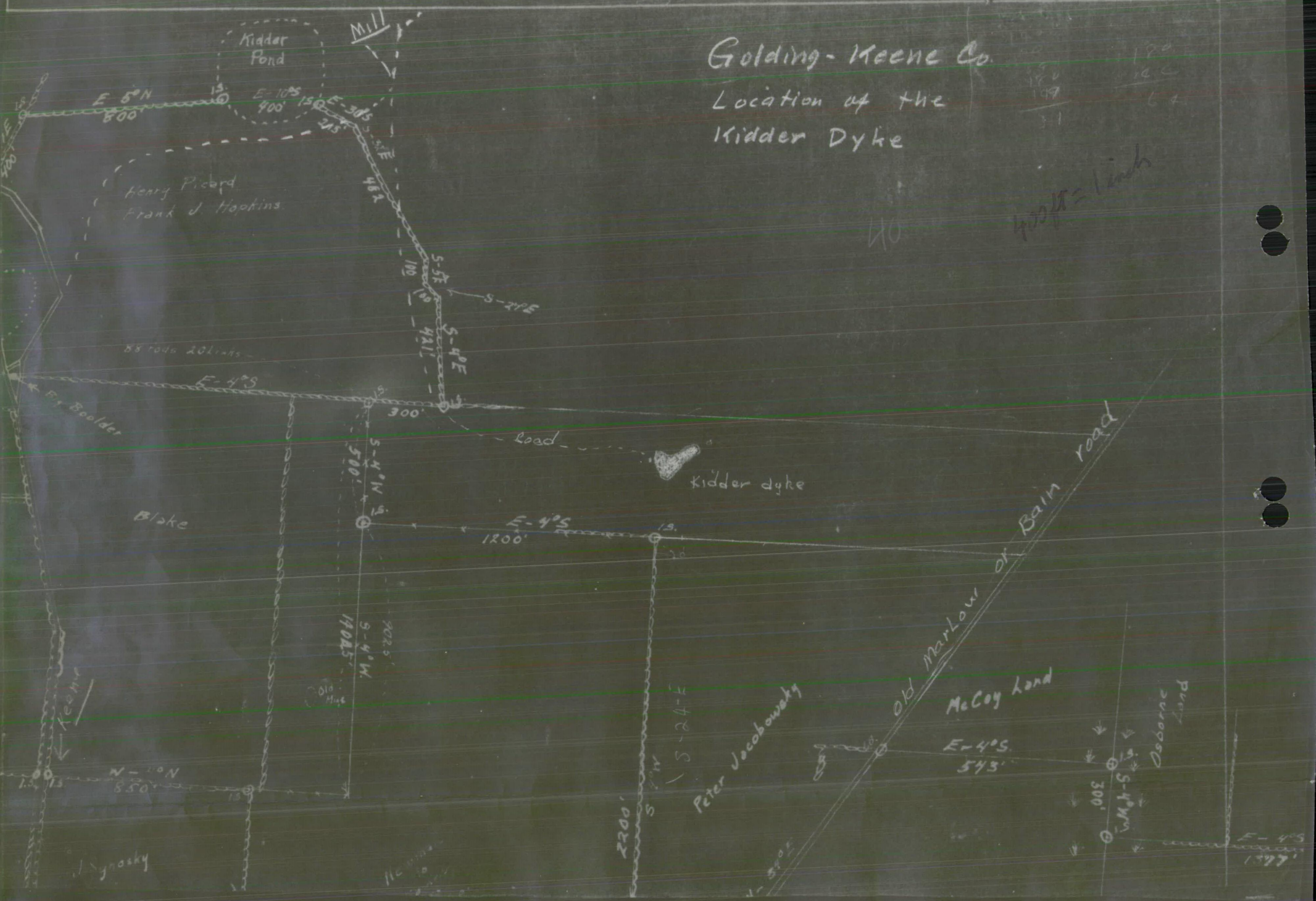
J. Alfred Dennis

Vice-President.

JAD:MacK
Encl:

P.S. Thanks for the "Big Mine" Report.

J.A.D.


Golding - Keene Co.
Location of the
Kidder Dyke
Mill
Kidder Pond
E 5°N
600
E-10°S
400'
E-30°S
S-5°E
462
S-5°E
100
100
S-27°E
S-40°E
441'
E-4°S
300'
Kidder dyke
Road
Old Marlow or Bain road
Henry Picard
Frank J. Hopkins
88 rods 20 links
Pit Boulder
Blake
E-4°S
1200'
N-5°W
500'
N-5°W
1425'
Old Mine
Keene
N-10°N
850'
Lynosky
2200'
S-24°E
Peter Jacobowsky
McCoy Land
E-4°S
543'
Osborne Land
N-5°W
300'
E-4°S
1377'

Property of Feldspar Mines Inc.

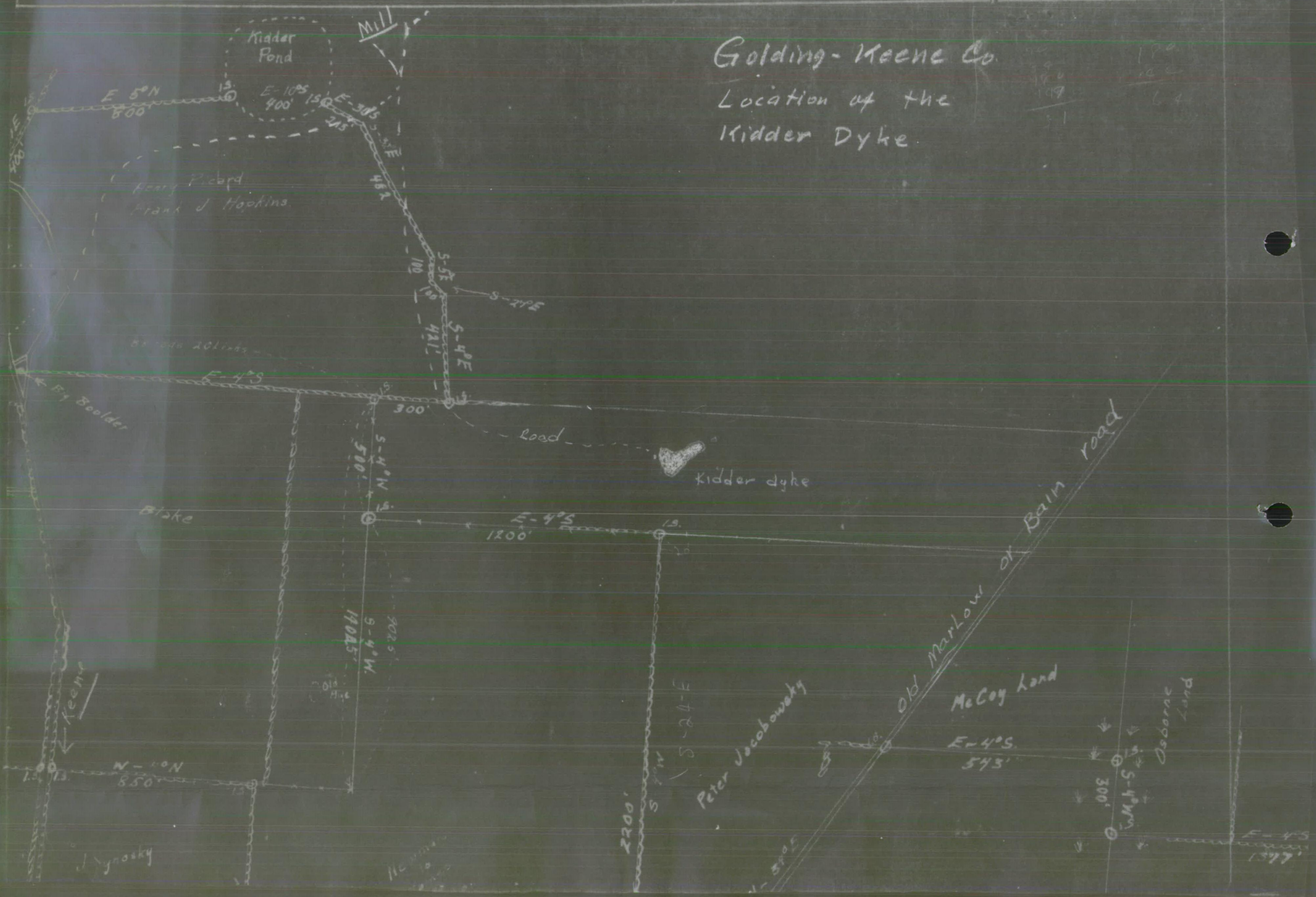
Sketch shows that area of the dike which has been cleared of overburden.

Sketch prepared by J. G. Gemmell, Oct. 1951 using compass and pacing method.

Golding - Keene Co.
Location of the Kidder Dyke

Golding - Keene Co.

Location of the Kidder Dyke



GOLDING-KEENE COMPANY

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