MS 988 - DeYoung

US DEPARTMENT OF THE INTERIOR
US GEOLOGICAL SURVEY
RESTON VA 20192

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

DMEA
OME 6164

61001

Mr. David G. Frank
U.S. Geological Survey
W 904 Riverside Avenue
Spokane, WA 99201

#339-C

1 May 02

Dave –

The fax from Joanne Stone has been rearranged (by me) in chronological order. These are the "originals."

20	23 Apr 02	letter/cover info
21	2 Nov 56	USGS letter
17	30 Oct 57	USBM letter
6	10 Apr 58	GSA letter
9	undated OME letter	(probably in answer to 19 Jan 61 ? letter)
13	Dec 59	USBM report
7	27 Jun 61	USBM letter
3	30 Jun 61	USBM letter
15	11 Jul 61	Dartmouth College letter
18	3 Aug 61	OME letter (assigned Docket No. OME-6164)
2	16 Aug 61	letter to Bannerman at DOI
14	25 Aug 61	memo from Hawkins to Stone
12	6 Sep 61	Joy letter
16	21 Sep 61	OME letter (considered application withdrawn)
19	20 Dec 61	OME letter (indicates there was a file)
8	3 Jan 62	OME letter
4 + 5	undated	property description
11 + 10	undated	map --(referred to in 3 G of above)
1	undated	drilling plan

(may be the enclosures for 3 Jan 62 letter)

Best regards,

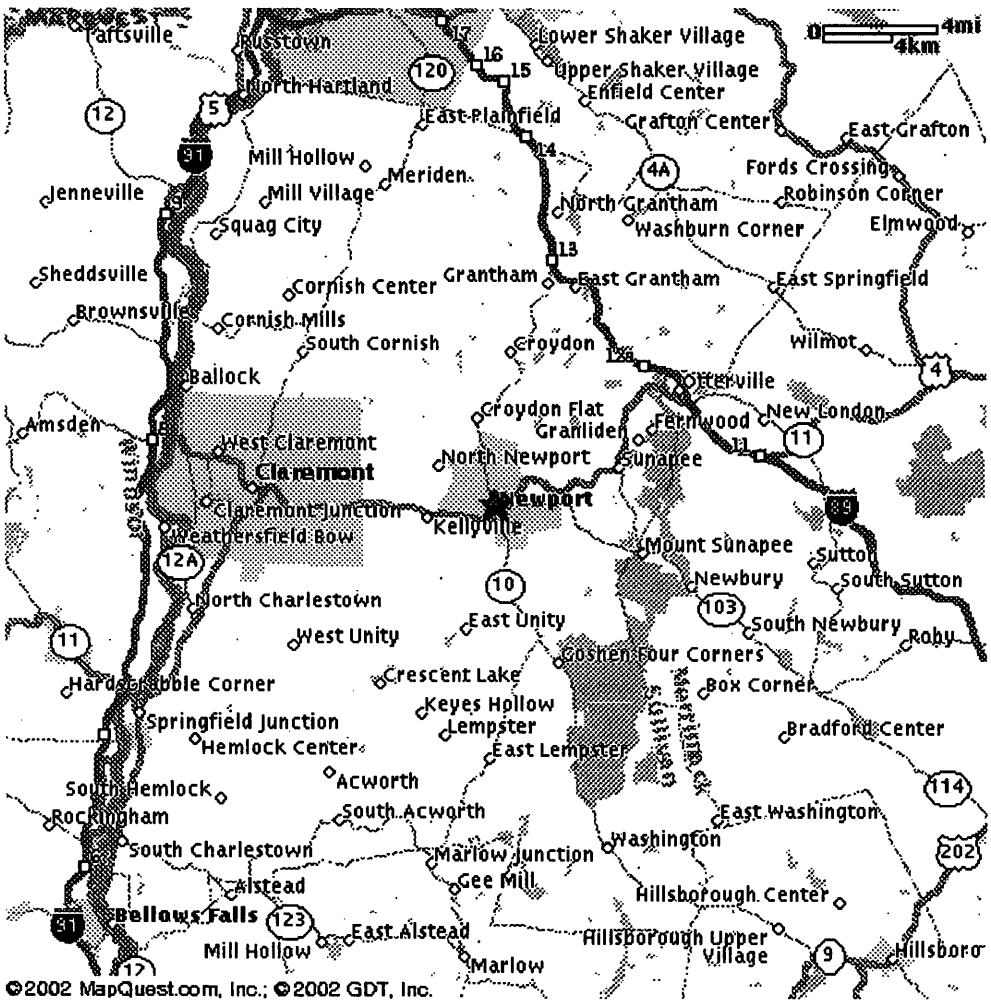
John D

MAPQUEST

Newport, NH
US

SEND TO PRINTER

Back



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****
*** RX REPORT ***
****

RECEPTION OK

TX/RX NO	5205
CONNECTION TEL	6038634566
CONNECTION ID	
ST. TIME	04/23 17:42
USAGE T	09'25
PGS.	22
RESULT	OK

04/23/2003 05:45

=== COVER PAGE ===

TO: _____

FAX: 17036484995

FROM: STONES AUTO BODY

FAX: 6038634566

TEL: 6038634566

COMMENT:

STONE'S AUTO BODY
& TOWING SERVICE
613 UNITY ROAD
NEWPORT, N.H. 03773

April 23, 2002

United States
Department of Interior
Geological Survey
Eastern Region
John De Young
Virginia

Dear John,

I appreciate you taking the time to talk with me about the mine we have. I certainly wouldn't want to sell this 13 plus acres if there was a value other than for a home site.

Here are about 20 pages you might find of interest. It appears that money was a problem in doing much of any mining. And that is what he told us.

Cliff Stone was my husbands Uncle, and my husband bought this from his Uncle a while ago, never doing anything with it, because his Uncle wanted him to build a log cabin up on the mountain, but with our business time is a great element.

There is a road that goes to the bottom of the property, than you go up a mile on another road that is not to bad, we go up with our Expedition.

Sincerely,

Joanne M. Stone

Joanne M. Stone
Stone's Auto Body

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Building 213, Naval Gun Factory
Washington 25, D. C.

Date: November 2, 1956

Laboratory Report

Laboratory No.: RW-1388

Mr. Clifford J. Stone
c/o Unity Stage
Claremont, New Hampshire

Weight: 21 lbs.

Source: none given

Type of Material: pegmatite with quartz, feldspar and muscovite

Results of examination: (Items apply only if marked with /✓/; do not apply if marked /na/).

1. /na/ Radioactivity is low; the material is currently of no value as a source of uranium.

2. /✓/ Minerals indicate they are from a pegmatite. The radioactivity is negligibl Many deposits of this type contain small concentrations of radioactive minerals but very few contain them in quantities sufficient to justify mining for radioactive constituents alone.

3. /na/ Equivalent uranium by radioactive determination is xxxxxxxxxxxxxxxx%.

4. /na/ Uranium by chemical analysis (true value) is xxxxxxxxxxxxxxxxxx%.

5. /na/ Excess of equivalent over chemical uranium (true value) indicates the higher radioactivity value is caused by other radioactive elements. No Government schedule exists now for general purchase of other minerals and ores, although thorium may some day be in demand for the Atomic Energy program.

Material submitted will be held for a period of 30 days from the above date after which it will be discarded unless return is requested.

Please refer to the above number if you should have occasion to write about this material or report.

Approved: Hugh H. Faische
gpo

Liaison Officer
Atomic Energy Commission Program
Geochemistry and Petrology Branch

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

October 30, 1957

Miss Jessie M. Fosdick
R. F. D. 1, Box 261
Claremont, New Hampshire

Dear Miss Fosdick:

This is in reply to your letter of October 21 inquiring about feldspar and mica.

The Government has never stockpiled feldspar but currently is purchasing certain grades and qualities of domestically produced muscovite mica. The Government also offers financial assistance in the exploration of undeveloped sources of strategic mica. Enclosed are Information Circular 7729, Marketing Sheet Mica, which includes descriptions of the purchasing and exploration programs and the pamphlet, The Defense Minerals Exploration Program, which answers many common questions on the exploration program.

The following additional enclosures contain general information on feldspar and mica:

Preprint of the Feldspar chapter from Bulletin 556
Preprint of the Feldspar, Nepheline Syenite, and Aplite chapter from Minerals Yearbook 1955
Mineral Market Report, MMS No. 2696, Feldspar - 1956
Preprint of the Mica chapter from Bulletin 556
Preprint of the Mica chapter from Minerals Yearbook 1955
Mineral Market Report, MMS No. 2689, Mica in 1956

If the Bureau of Mines can be of further assistance, please let us know.

Very truly yours,

W. F. Dietrich

W. F. Dietrich, Chief
Branch of Ceramic and Fertilizer Materials

Enclosures 8

GENERAL SERVICES ADMINISTRATION

Boston 9, Massachusetts

CERTIFICATE OF AUTHORIZATION
Domestic Beryl Program

Number 1-73 Date April 10, 1958

To: Mr. Clifford J. Stone
Claremont Stage
Unity, New Hampshire

Your notice dated April 9, 1958, indicating your desire to participate in the Domestic Beryl Program and your undertaking to deliver Beryl Ore to the Government Depot in Franklin, New Hampshire, has been received. You are hereby authorized to deliver to the Government, in accordance with the terms of the Program, Beryl Ore meeting the specifications contained therein. Reasonable notice should be given to the Government with respect to deliveries of ore.

Joseph S. Malley
REGIONAL DIRECTOR
Defense Materials Service

Lemere Property

R1-71
(1-14-53)

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

Mr. Clifford J. Stone
RFD No. 1
Claremont, New Hampshire

Dear Mr. Stone:

The enclosed literature will answer the question in your letter of January 19 about exploration assistance available from our office. We cannot help you with the cost of operating a mine but we can offer up to 50 percent of the cost of an approved exploration project. If you wish to do further exploration work we will be glad to consider your application for assistance which may be submitted on the enclosed forms.

For answers to your questions about surplus Army equipment, we suggest that you write or call on the Office of the General Services Administration at 620 Post Office or Courthouse, Boston 9, Massachusetts. It is responsible for these sales in the New England area.

Sincerely yours,

Allen S. Dakan, Chief
Division of Administrative
Management

Enclosure

MINERAL INDUSTRY SURVEYS

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

FRED A. SEATON, Secretary MARLING J. ANKENY, Director

MINERAL MARKET REPORT
MMS NO. 2990

COLUMBIUM AND TANTALUM IN 1959 - PRELIMINARY

Domestic production of both columbium and tantalum metals reached record highs in 1959, according to the Bureau of Mines, United States Department of the Interior. Domestic ore production, however, declined from the record level of 1958.

Domestic production of columbium-tantalum mineral concentrates decreased sharply in 1959. This was due to Porter Bros. Corp., Bear Valley, Idaho completing production of concentrate required to fill their Government contract and also to the halting of Government purchases of domestic columbite-tantalite under Public Law 733 which had expired at the end of 1958.

Imports of columbium concentrates increased 33 percent from 1,278 tons in 1958 to an estimated 1,705 tons in 1959. Imports of tantalum concentrates decreased 39 percent from 518 tons in 1958 to an estimated 315 tons in 1959. While world production statistics for 1959 are not yet available, it is expected that they will follow the changes in import totals.

Domestic production of columbium metal is estimated to have more than doubled in 1959 to a record high level. Tantalum metal production is believed to have increased more slowly during the year to an estimated record high of approximately 124 tons.

The principal use of columbium and columbium-base alloys continued to be in research and development of nuclear, aircraft, and space prototypes and equipment. Electronic uses of tantalum continued to expand and tantalum-base alloys in solid-fuel rocket-engine nozzles also contributed to increased demand for that metal.

Prices of columbium concentrates were quoted at a fairly constant level in 1959. Columbite containing 65 percent combined pentoxides and a Cb-Ta ratio of 10:1 increased from $1.05 - $1.10 to $1.10 - $1.20 per pound of contained pentoxide during the year. Material containing Cb:Ta in an 8½:1 ratio was quoted at approximately $0.95 - $1.05 during the entire year. Prices for tantalite were not quoted publicly, but for material containing approximately 60 percent Ta_2O_5 prices were in the range $3.50 - $4.25 per pound of contained tantalum pentoxide. Metal prices continued to decline during the year. Domestic columbium roundels dropped from $50 a pound to $36 a pound. Tantalum powder was generally available at about $40 a pound.

Prepared by William R. Barton, Commodity Specialist, under the supervision of C. T. Baroch, Chief, Branch of Rare and Precious Metals, Division of Minerals, Bureau of Mines, Washington 25, D. C., December 1959.

WILLIAM R. BARTON

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REGION V

COLLEGE PARK RESEARCH CENTER

COLLEGE PARK, MARYLAND

June 27, 1961

Mr. Clifford J. Stone
Unity
New Hampshire

Dear Mr. Stone:

Your letter of June 12 directed to the Office of Minerals Exploration pertaining to your beryllium-bearing deposit in Unity, New Hampshire has been referred to this office.

We have a field party under Mr. W. R. Barton doing reconnaissance for beryllium minerals in New England. Recently the survey was extended into northern New Hampshire working south. The survey is using a berylometer which is the newest and best instrument for indicating beryllium but still there is much to be desired in evaluating a beryllium deposit.

When the field party is in your vicinity you will be contacted and I am sure Mr. Barton will be glad to assist you in any way within the jurisdiction of the Bureau.

Very truly yours,

W. T. Millar

W. T. Millar
Supv. Mine Examination
and Exploration Engineer
Div. of Mineral Resources
Region V

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

June 30, 1961

Mr. Clifford J. Stone
Unity
New Hampshire

Dear Mr. Stone:

In further reply to your letter of June 12 to the Office of Minerals Exploration on beryl and in accordance with their reply of June 15 to you, we sent copies of both letters to our Pittsburgh office on June 19 for reply to you in regard to the Bureau of Mines examining your property for beryllium with a Berylometer.

Sincerely yours,

Donald E. Eilertsen
Commodity Specialist
Branch of Nonferrous Metals

DARTMOUTH COLLEGE
DEPARTMENT OF GEOLOGY
HANOVER · NEW HAMPSHIRE

July 11, 1961

Mr. Clifford Stone
Unity, N. H.

Dear Cliff:

Enclosed is your application blank for an OME loan. Separately enclosed are the answers to parts 3,4,and 5 of the loan application. With the help of Mr. Collins you should be able to fill out parts 1, 2, 6, and 7. The last two items should be done rather carefully, and only after you have made up your mind on how much money you intend to borrow for new equipment, buildings, and so on. You will note that I have left the 'Estimated Cost of Project' blank unfilled on the form ; I assume you will wish to fill this in for $10,000 or $15,000 .

I would strongly suggest that under item 6 , 'Experience' you make certain that someone who has been in the mining business be given the title of mine manager; otherwise your chances for a loan would appear to be fairly dim.

Our expenses for the examination of the prospect are as follows:

Personal Services (J. B. Lyons; L. A. Persson)	$ 25.00
Drafting (L. A. Persson)	$ 5.00
Map Reproduction	$ 6.25
Total	$36.25

If you mail me a check,it can be sent to 4 Read Road; Hanover, N. H. . If you need any further help in completing the application, let me know and I'll be glad to help. In any event, keep me posted; I'd like to know how this matter turns out.

Sincerely yours,

John B Lyons

John B. Lyons

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

AUG 3 1961

Mr. Clifford J. Stone
R. F. D. #1
Claremont, New Hampshire

Re: OME-6164

Dear Mr. Stone:

Your application for exploration assistance, dated August 1, 1961, submitted to our office has been assigned Docket Number OME-6164. Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Allen S. Dakan, Chief
Division of Administrative
Management

16 August
1 9 6 1

Dr. Fred Bannerman
Dept. of Interior
Washington 25, D. C.

Dear Dr. Bannerman:

We have just heard of your impending retirement through Mr. Barton of DME and indeed, we are sorry because we had hoped that you might come of to N. H. to help us survey Mr. Clifford Stone's pegmatite which might be of considerable interest to you. The outcrop which he owns is located about ½ mile from the old Unity mountain mine. Shaped somewhat like a football, it has a Columbite core surrounded by a pegmatite containing beryl, tourmaline, mica, feldspar, quartz etc. Dr. Lyons and others from Dartmouth have estimated the value at $300,000. Mr. Stone is planning to drill a core NW-SE from the side toward Mt. Ascutney which we feel is most eroded and exposed, being upstream from the glacial flow.

We have been confused by the apparent changes of the DME (minerals) as one chief agreed to match Stone's equipment value with suitable exploration funds. Another chief wrote that this could not be done and that Stone would have to submit a financial statement and raise the cash for exploration without consideration of of equipment value.

If you could possibly help us clarify this matter and if you could find time to visit the site, you would be welcome to come up here any time and stay at Mr. Stone's home or my camp at Crescent Lake during the core drilling. We would most gratefully accept your advice as to procedure.

Sincerely yours,

Richard Hawkins
Crescent Lake (Hawkhaven)
tel. Lemputer 2 ring 2

P.S. You can land a small seaplane on the Lake at Long 72 W 15, Lat 43 N 16. We plan a meeting this coming Sat., but I have been unable to locate Dr. Galbraith.

25 Aug 61
Hawkhaven
MEMO RE: Cliff's Pegmatite Operation
To: Cliff Stone
Unity Center, N. H.

On Augus 23rd, the writer talked with Harold W. (Cap) Bourgoine of Joy Mfg. Co. who referred me to their Mr. O'Rourke of their Boston division.

24 Aug 61, Mr. O'Rourke called the writer to discuss the matter and was advise by me that the holding belonged to Kliff Stone and that I had no authority to make any agreement, but only to adrise & recommend. So I suggested the rental of a core drilling outfit and the drilling of approx. 2000 ft of exploratory core for the purpose of bracketing and mapping the Stone outcropp. I also mentioned that this may lead to other drillings and possibly to the rental or purchase of some of the Joy Mfg. Co. drills, slicers etc. at some future date and for some of Mr. Stones other holdings which I have not seen,nall of this being entirely up to Mr. Stones desires and if he wishes to further develop his holdings.

Subject to the approval of Mr. Stone and his minerologist, Mr. O'Rourke and I seemed to concur on the general drilling strategy which would be to:

1. Locate a nearby drilling team or unit & drill on a minimum 2000 footage basis.

2. Keep the core as small as possible for greater drilling economy (7/8" is smallest).

3. Get financial help from OME if possible, otherwise see Joy Credit Dept., or sell some shares locally to get started.

4. Find a local source of water withing 2500 ft. of site (or sites).

5. If water not available, use tanks and recirculate from 5 to 7 G/Minute for cooling.

6. Drill cores according to pattern set up by minerologist. Otherwise a good general pattern would consist of 8 horizontal and 8 vertical cores, with supplemental cores as needed to determine the the fingers of the deposit or out-thrust.

7. Map the underlying minerals with advise from some of the following minerologists:
   Dr. Lyons - Hanover
   Bill Bateman - Joy Claremont
   John Millar - Ret. Joy Claremont
   Dr. Fred Bannerman - Consultant Min. U. S. Dept of Int. - Washington
   Dr. Mack Galbraith - Harvard University
   Dr. B. K. Ayers - Dartmouth Coll.
   Mrs. Margaret DeLude - Quaker City

Yours truly,
R. H. Hawkins
Lempster Tel 2 ring 2

JOY MANUFACTURING COMPANY
800 WOODLAND AVENUE
MICHIGAN CITY, INDIANA

EXECUTIVE OFFICES
HENRY W. OLIVER BUILDING
PITTSBURGH 22, PA.

September 6, 1961

Mr. Clifford Stone
R.F.D. #1
Claremont, New Hampshire

Dear Sir:

We have been informed by our sales representative, Mr. F. J. O'Rourke, that you are contemplating on drilling a minimum of 1500 feet of drilling for the exploration of columbite and mica beryl deposits near Unity, New Hampshire and would be interested to know on what basis we are prepared to undertake this work.

On the condition that you will guarantee us a minimum of 1500 feet of drilling, we will undertake the drilling of approximately 20 holes with EX fittings at a price of $3.45 per foot.

In addition to the per foot price, it would be necessary that you furnish us with an ample supply of water for drilling purposes at the location of each hole and furnish facilities for movement of the equipment between holes. It would also be necessary that you furnish the services of a drill helper to assist the operator free of any cost to us.

Should you decide to save cores of the drilling, then it will be necessary for you to furnish the proper containers for same.

We will furnish for this proposed drilling one of our Joy 12-B gasoline-driven core drills complete with operating equipment, and will conduct the drilling operations on the basis of one 8-hour shift per day and not less than six days per week.

We have the necessary equipment and operator available, and can start the work on short notice.

We appreciate the opportunity of quoting on your requirements, and hope that we may have the pleasure of being of service to you in connection with this particular drilling project.

Yours very truly,
JOY MANUFACTURING COMPANY

W. J. Pilarski, Manager
Contract Drill Division

WJP/et

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

SEP 21 1961

Mr. Clifford J. Stone
R. F. D. #1
Claremont, New Hampshire

Re: OME-6164 (Beryl, Mica)
Clifford J. Stone
Stone Pegmatite
Sullivan County, New Hampshire

Dear Mr. Stone:

In response to our inquiry you state in your letter of September 15, 1961, that you propose to furnish your share (50%) of the cost of exploring the subject property by the use of your bulldozer, trucks, compressor, and other equipment.

Our experience has shown that the depreciation allowances on applicant-owned equipment will not cover an operator's share of the total exploration costs. In addition, the Government does not advance funds for its share under a contract. An operator pays all of the first month's costs, and then submits a voucher on forms furnished by the Government. As it usually takes from two to three weeks to reimburse an operator, he should have sufficient funds at hand to cover all costs for at least the first two months. We understand from your letter that you do not have such funds available.

Therefore, we must consider the subject application withdrawn, as the Government can supply only 50 percent of the cost of an exploration project and, as explained above, cannot advance funds for such work.

Sincerely yours,

George Turnick Jr.
Director

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

OCT 20 1961

Mr. Clifford J. Stone
R. F. D. #1
Claremont, New Hampshire

Re: OME-6164 (Beryl, Mica)
Clifford J. Stone
Stone Pegmatite
Sullivan County, New Hampshire

Dear Mr. Stone:

Careful investigation and search of our records concerning your application for financial assistance in exploration of the captioned property show that we never received the original report on your property signed by John B. Lyons, nor the original map of your pegmatite prospect drawn by J. B. Lyons and L. E. Persson, which items Mr. Herbert Brook stated you had requested him to ask us to return to you.

We received, attached to and part of the application, a geological description of the property, stated to have been written by J. B. Lyons, Prof. of Geology, Dartmouth College, and an "Ozalid" (blackline) print of a map, entitled "Clifford Stone Pegmatite Prospect, Unity, New Hampshire," by J. B. Lyons and L. E. Persson.

If you wish, we will gladly send you copies of the above-noted attachments to the application and the map.

Sincerely yours,

Director

Copy to: Mr. Herbert Brook
P. O. Box 63
Bronxville, New York

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

JAN 3 1962

Mr. Clifford J. Stone
R.F.D. No. 1
Claremont, New Hampshire

Re: OME-6164 (Beryl, Mica)
Clifford J. Stone
Stone Pegmatite
Sullivan County, New Hampshire

Dear Mr. Stone:

As requested on your behalf by Mr. Herbert Brook in his letter of December 27, 1961, we enclose a copy of the addendum to your application for exploration assistance at the subject property and a map by J. B. Lyons and L. E. Persson showing the same property.

Sincerely yours,

George Turnick Jr.
Director

Enclosures

Copy to: Mr. Herbert Brook
P. O. Box 63
Bronxville, New York

3. Physical Description

A. Prospect has been more than half stripped by bulldozer and two 25' by ~~xx~~ I5' by 6' cuts have been made along the western side of the pegmatite. A 30' by I5' pile of blasted pegmatite occurs towards the center of the pegmatite, and a 6' by I0' by 4' pit along the northeastern wall. At least 4- I5' deep holes have been drilled in the north - central portion of the deposit. Thier locations , and those of the other workings are shown on theaccompanying map. No permanent production facilities have yet been installed.

B. Applicant owns I00% of prospect.

C. Southwestern pit has yielded approximately 200 pounds of beryl; no other material has been mined.

D. Golding Kenne Co, a feldspar- producing company, would pay $ 6.00 a ton at the mine, or $8.00 a ton delivered, for the perthite- rich rock which comprises most of the pegmatite. The dip of east wall of the pegmat ite is not known, So an accurate estimate of ore reserves is not possible. A conservative estimate, ~~xx~~ based on known exposures and an inferred dip of the eastern wall indicates at least 50,000 tons of marketable rock, with a value, at the mine, of $ 300,000.

Beryl has been noted along the western sids of the prospect at the localities noted on the map, and one3" crystal of columbite has been found. In addition , some portions of the pegmatite have good crystals of mica (2" diameter or less) the larger book mica noted near the eastern and western margins of the body is badly ruled and weathered, however.

E. The stone pegmatite is a poorly zoned simple pegmatite, intrusive into the bethlehem geniss. The border, wall, and intermediate zones common in many pegmatites are poorly developed here, and would lie outside the book mica zone indicated on the map. The microcline - perthite - graphic granite quartz assemblage which typifies most of the deposit is characteristic of the core zone of most pegmatites.

As is obvious from the cross section, the upper half of the pegmatite has been removed by erosion.

F. Deposit is sufficiently well exposed to be sure of the feldsparDeposit. Applicant hopes to enrich grade of the ore by recorving beryl and other mineralswhich may be found during the mining.

G. Maps enclosed with this application. Above description of property has been written by J B. Lyons, Prof. of Geology, Darthmouth College.

4. Accessibility of Property

a. Proceed northwesterly from Unity, N. H. toward Claremont. At 0.3 mile turn right (north) on a gravelled road for 0.6 mile; then turn east along a poorly- maintained dirt road (accessible to jeeps and trucks) for I mile. turn left at abandoned farm and follow access road for 0.2 miles to the pegmatite prospect.

~~Dxpxxx

Deposit is I.3 miles N 45 E of the village of unity, N. H.
Last I.2 miles of the Route to the prospect as described above, would have to be bulldozes and gravelled to allow mining operations.
Applicant is road agent for the town of unity and has road - building equ

D. Shipping point for feldspar is approximately ~~5~~ 50 miles from deposit at ~~xxxx~~ East Walpole, N. H. Beryl and mica may be sold to goverment depot at Franklin, N. H. apporximately 50 miles east of unity.

5. Exploration Work

a. It is comtemplated that mining operations will commence along the western wall of the pegmatite , starting at the beryl pit and open-cutting toward the north (~~xxxx~~ (the other known occurrences of beryl and book mica. The perthite ore would thus lie along the east side o the workings, as is shown by the map of the stone prospect.

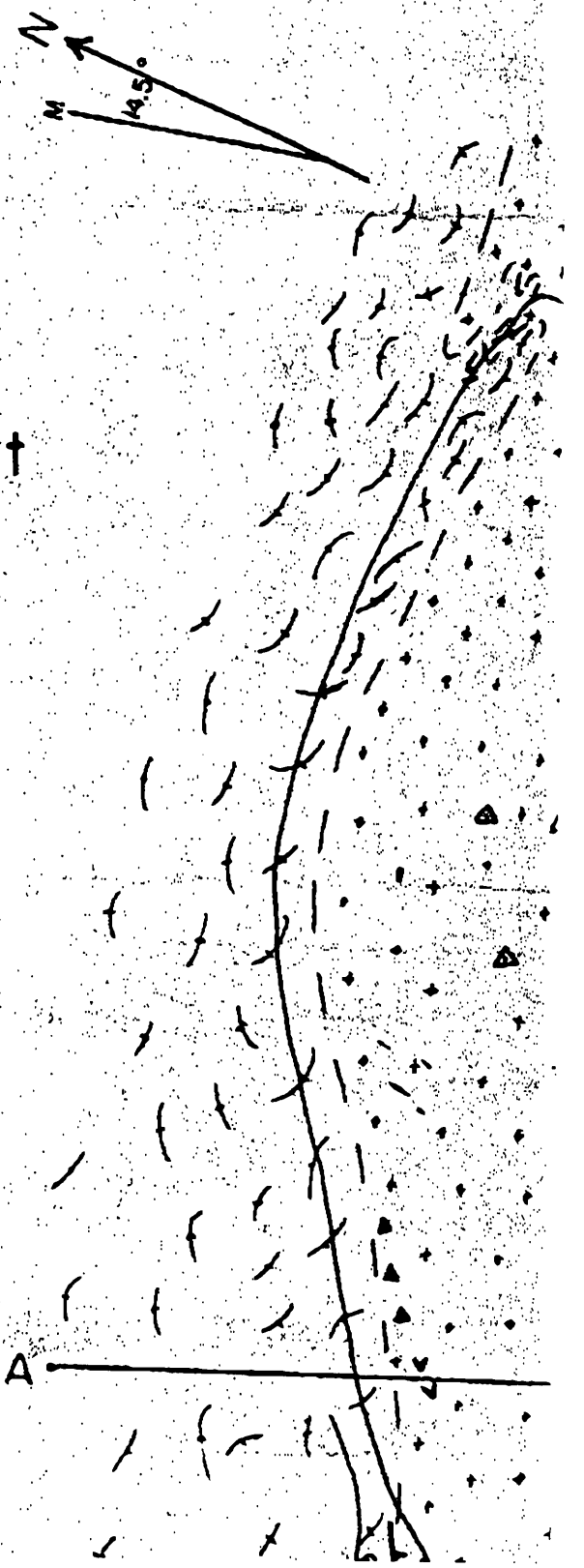
B. Access road needs improvement, as noted under paragraph # 4a.

C. If an OME contract is awarded, it is anticipated that work could commence within a month of the receipt of the contract.
Three or four miners would be employed and it ~~xx~~ is planned to mine at the rate of approximately 20 to 25 tons daily.

Clifford Stone

Pegmatite Prospect

Unity, N. H.



Legend

Undifferentiated Pegmatite (Perthite, Graphic Granite, massive Microcline with small mica books throughout)

Beryl

Large mica books (plus 2" diameter)

Bethlehem gneiss

Pegmatite exposure limit

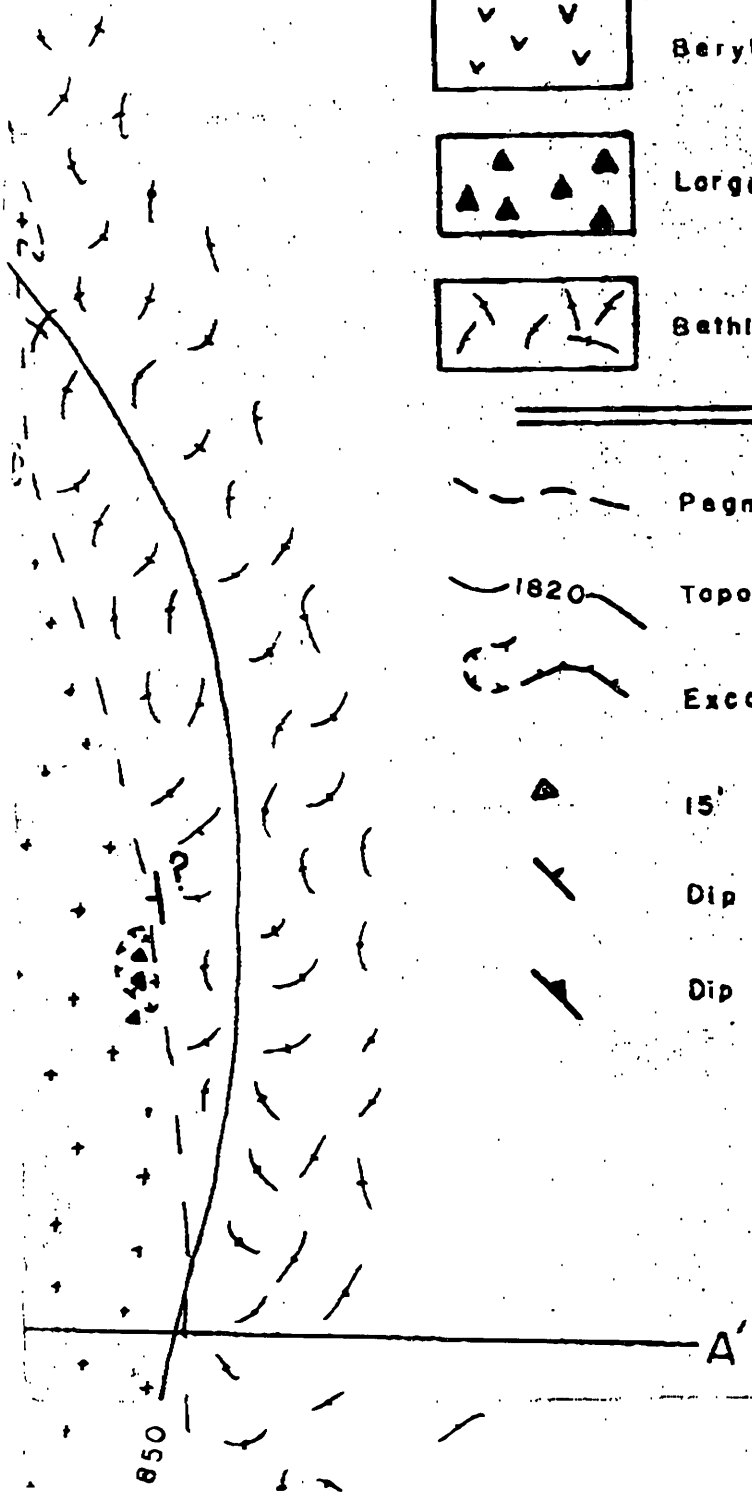
1820 Topographic contour

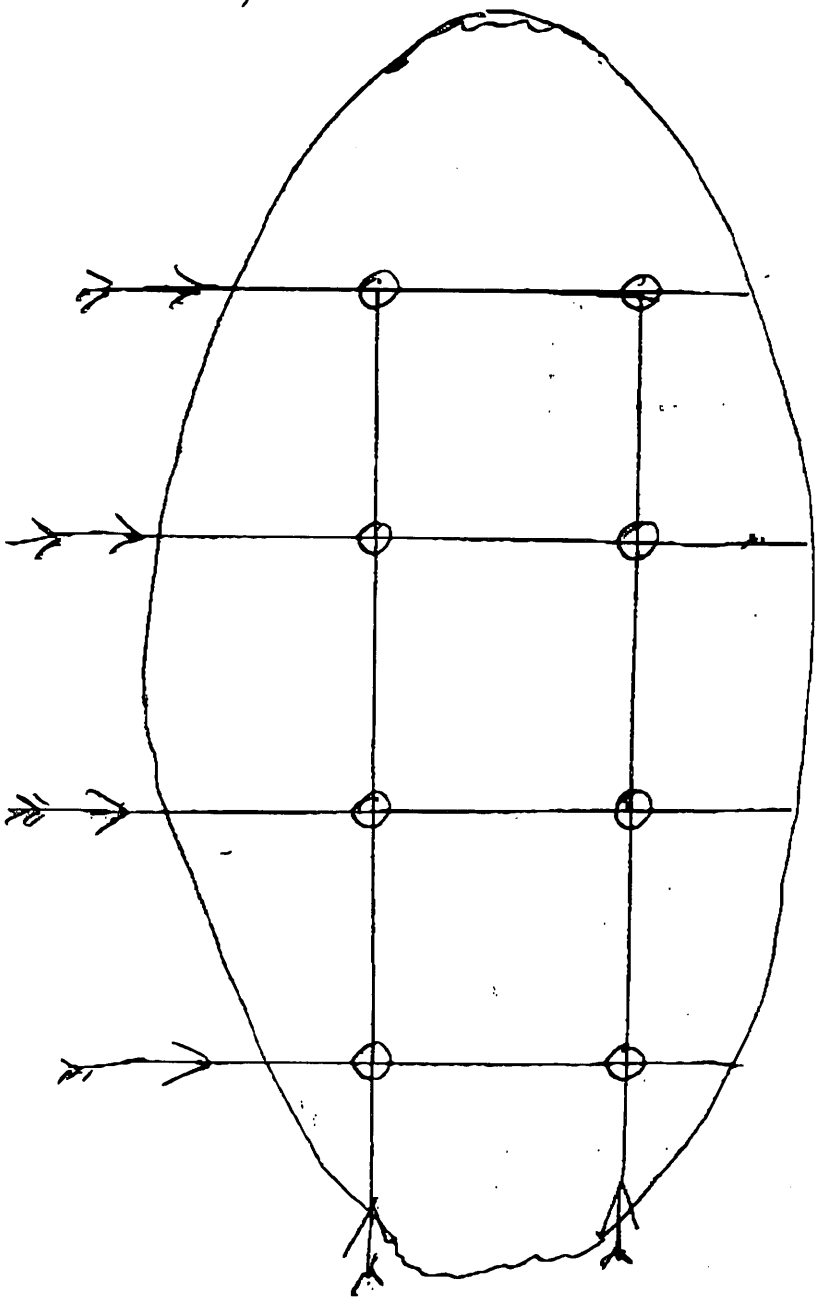
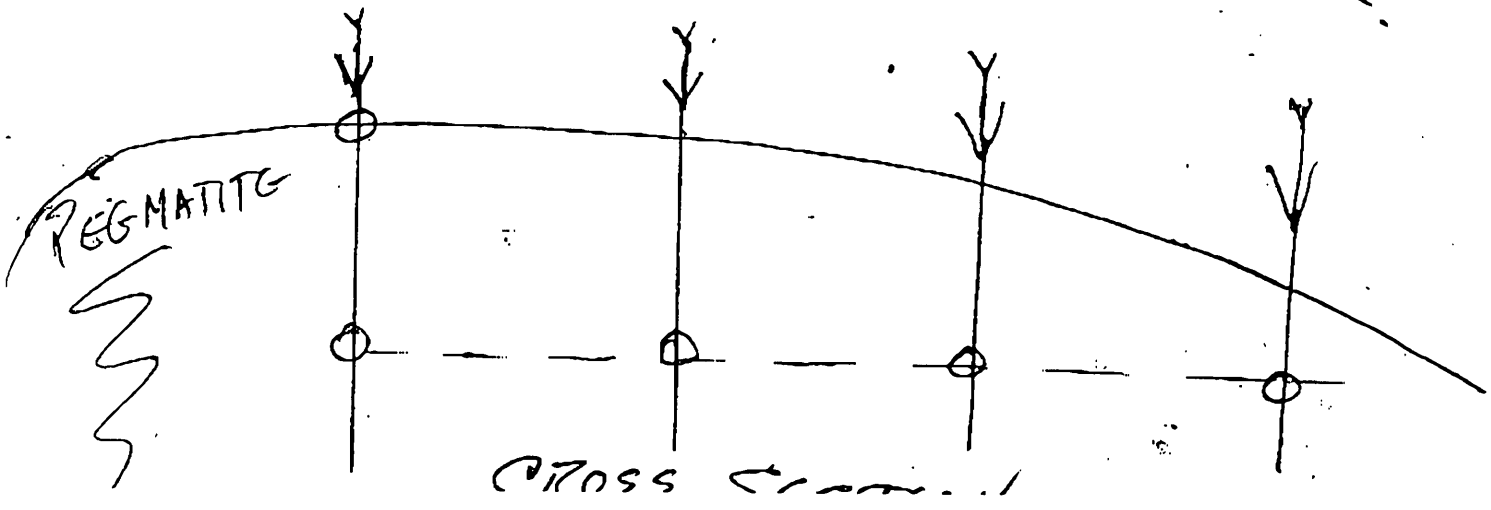
Excavation or blast pit

15' drill holes

Dip and strike of contacts

Dip and strike of foliation



CLIFF STONE – SUGGESTED CORE PATTERN

TOP VIEW