IMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4456

Application (Denied ✓
(~~Withdrawn~~
(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments (latest on top)
Contract with all exhibits and annexes
Owner's Consent to Lien
Subordination Agreement
Leases and assignments of leases
✓Application and attachments
(3) Envelope for maps

Right Side

Project summary
Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report (Tab)
Operator's Final Report
(2R) Interim Reports
(2R) Operator's monthly reports and all attachments (latest on top)
✓On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order)
Interim Summary Reports by W. O. Engineers

Right Side

Operator's Semi-Annual Report for Certified Project, Field Team Interim Reports, Operator's Monthly Report with transmittal, narrative, maps, and Field Team review.

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

9775

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

RECEIVED
SEP - 7 1956

September 4, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Field Team, Region III

Subject: Application for DMEA Aid (Uranium-Beryl-Manganese-Thorium-and Rare Earths) Storm Mountain Mining Company (Estes Bell and Hilltop groups) Larimer County, Colorado

Enclosed are three copies of the subject application in the amount of $103,219.00.

One copy of the application is being retained in our file.

DMEA Field Team, Region III

By J. W. Townsend
Acting Executive Officer

Enclosures

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

RECEIVED
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224 New Customhouse
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Memorandum

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DMEA Field Team, Region III

J. W. Townsend

By J. W. Townsend
Acting Executive Officer

Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

SEP - 7 1956

DMEA

DEPARTMENT OF THE INTERIOR
AUG 31 1956
REGION
DENVER, COLORADO

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 4456
Metal or Mineral Uranium
Date Received 9-7-56
Estimated Cost $103,219
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: STORM MOUNTAIN MINING CO. % Robert Sunshine, 515 Majestic Building, Denver, Colorado, a corporation organized under the laws of the State of Colorado.

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

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. (See Attached) Exhibit "A"

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract (See Exhibit "A")

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

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

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it None

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

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

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

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

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

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you will to explore
Beryllium and Uranium , Manganese, Thorium and Rare Earths

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

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

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

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

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

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

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

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

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

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

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

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

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

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

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

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated August 30, 1956

STORM MOUNTAIN MINING COMPANY
(Applicant)

By William Dansby

President

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

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

EXHIBIT "A"

RECEIVED
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1. STORM MOUNTAIN MINING COMPANY, a Colorado corporation
% ROBERT SUNSHINE
515 MAJESTIC BUILDING
DENVER, COLORADO

(b) A Colorado corporation

(c) President--William Dansby
% Riverview Cabins
Estes Park, Colorado

Vice-President--Robert Carlson
Route #1, Box 219
Broomfield, Colorado

Secretary-Treasurer--Robert Sunshine
515 Majestic Building
Denver, Colorado

3. (a) This area centers around Section 18, Township 6 North, Range 71 West of Larimer County, Colorado, approximately 8 air miles northwest of Masonville Store, 4½ miles south of Crystal Mountain and on the west slope of Storm Mountain Peak.

	Book	Page	Date
Estes Bell No. 1	1009	34	December 20, 1955
Estes Bell No. 2	1009	36	December 20, 1955
Estes Bell No. 3	1009	38	December 20, 1955
Estes Bell No. 4	1009	40	December 20, 1955
Estes Bell No. 5	1009	42	December 20, 1955
Estes Bell No. 6	1009	44	December 20, 1955
Estes Bell No. 7	1009	46	December 20, 1955
Estes Bell No. 8	1009	48	December 20, 1955
Estes Bell No. 9	1009	50	December 20, 1955
Estes Bell No. 10	1009	52	December 20, 1955
Estes Bell No. 11	1009	54	December20, 1955
Estes Bell No. 12	1009	56	December 20, 1955
Estes Bell No. 13	1010	174	January 11, 1956
Estes Bell No. 14	1010	176	January 11, 1956
Estes Bell No. 15	1010	178	January 11, 1956
Estes Bell No. 16	1010	180	January 11, 1956
Estes Bell No. 17	1010	182	January 11, 1956
Estes Bell No. 18	1010	184	January 11, 1956
Estes Bell No. 19	1010	186	January 11, 1956
Estes Bell No. 20	1010	188	January 11, 1956

	Book	Page	Date
Hilltop No. 1	1009	264	December 28, 1955
Hilltop No. 2	1009	266	December 28, 1955
Hilltop No. 3	1009	268	December 28, 1955
Hilltop No. 4	1009	270	December 28, 1955
Hilltop No. 5	1011	263	January 31, 1956
Hilltop No. 6	1011	265	January 31, 1956
Hilltop No. 7	1011	267	January 31, 1956
Hilltop No. 8	1011	269	January 31, 1956
Hilltop No. 9	1011	271	January 31, 1956
Hilltop No. 10	1011	273	January 31, 1956
Hilltop No. 11	1011	275	January 31, 1956
Hilltop No. 12	1011	277	January 31, 1956
Hilltop No. 13	1011	279	January 31, 1956
Hilltop No. 14	1011	281	January 31, 1956
Hilltop No. 15	1011	283	January 31, 1956
Hilltop No. 16	1011	285	January 31, 1956
Hilltop No. 17	1011	287	January 31, 1956
Hilltop No. 18	1011	289	January 31, 1956
Hilltop No. 19	1011	291	January 31, 1956
Hilltop No. 20	1011	293	January 31, 1956
Hilltop No. 21	1011	295	January 31, 1956
Hilltop No. 22	1011	297	January 31, 1956
Hilltop No. 23	1011	299	January 31, 1956
Hilltop No. 24	1011	301	January 31, 1956

(b) Estes Bell and Hilltop

(c) The interest in the land arises from unpatented claims assigned to the corporation.

APPLICATION FOR AID IN AN
EXPLORATION PROJECT, PURSUANT TO
DMEA ORDER 1, UNDER THE DEFENSE
PRODUCTION ACT OF 1950, AS AMENDED

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STORM MOUNTAIN MINING COMPANY
516 Majestic Building
Denver, Colorado

5. (a) We intend to explore for the following minerals:

Beryllium
Uranium
Manganese
Thorium
Rare Earths

(b) We have been advised by both a competent geologist and engineer to make a cross cut in the dikes to penetrate the ore bearing zones. See maps accompanying application.

The dikes on the Estes Bell claims extends above the surface varying in height and width. We intend to make 4 cross cuts deep enough on claims # 4, 7, 15, and 20 to penetrate the ore bearing zones. The average cut will be 125 feet long, 40 feet deep and 20 feet wide. These tests can be made by drilling, blasting, and mucking with a bulldozer and bucket.

The Hilltop claims # 5, 21, 23 and 24 are similar to the Estes Bell claims. The dikes on these claims appear as ridges, and cross cuts can be made in these ridges. The average cut will be 125 feet long, 40 feet deep and 20 feet wide. The operation will be the same as the Estes Bell claims. 4 Cross cuts will be made on these claims.

(c) The work will start within 30 days pending government aid, and will be completed within 24 months.

(d) W. L. Dansby has been exploring this area for the past 29 months, having prospected and staked, and a past partner of the Phil Mar Oil Co. who is now operating in this immediate area. Having had 25 years experience in the oil fields, drilling, testing, exploring oil formations, also held past position as vice-president of the Phil Mar Oil Co., also superintendent of construction and heavy equipment, and part owner of the Rocky Mountain Oil Field Contractors. We have and will engage for consultation and advisory purposes geologists, mining engineers, mineralogists and assayers.

STORM MOUNTAIN MINING CO.
516 Majestic Building
Denver, Colorado

6. (a) None

(b) Labor--4 men, 8 hrs. per day - 32 hours x 300 days
9600 hours at $3.10 hr. $ 29,760.00

General superintendent-12 months-
$800.00 per month 9,600.00
Tax
Insurance
Geologist and engineer - 12 months-
$700.00 per month 8,400.00

Total $ 47,760.00

(c) Operating materials and supplies.

Hand tools	$ 850.00
Bits for air hammers	3,000.00
Powder, dynamite, fuses and caps	5,500.00
Fuel for tractor and compressor	3,500.00
Oil and grease	1,650.00
Camp supplies	6,000.00
Total	$ 20,500.00

(d)

1 tractor with angle blade and bucket--rented	$ 9,500.00
Air compressor (rented)	3,500.00
Jack hammer and pavement breaker	500.00
300 ft. 1" hose - 1.90 ft.	570.00
Rental of 2 pick ups	4,160.00
56 ft. drill steel - $ 2.25 ft.	128.00
2 ton truck (rented)	4,000.00
Total	$ 22,358.00

(e) None

STORM MOUNTAIN MINING COMPANY
516 Majestic Building
Denver, Colorado

6. (f) NEW BUILDINGS & INSTALLATIONS.

Bunk House and Cook House	$ 1,650.00
Water Supply Pump & Fixtures	376.00
Powder House 8 x 8 ft.	350.00
Light Plant	335.00
Electrical Installations	265.00
First Aid Kits & Medical Supplies	225.00
Total	$ 3,201.00

(g) MISCELLANEOUS.

Workmen's Compensation and Employers Liability Insurance	$ 1,925.00
Insurance on Equipment and Building	1,225.00
Accounting	1,850.00
Assaying	950.00
Maintenance and Repairs	2,250.00
Attorneys Fees	1,200.00
Total	$ 9,400.00

(h) CONTINGENCIES.

None anticipated at this time.

STORM MOUNTAIN MINING COMPANY
516 Majestic Building
Denver, Colorado

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6. COST OF PROJECT.

Cuts on Estes Bell claims #4, 7, 15, 20-- 125 x 40 x 20 x 4	400,000 cu. ft.
Cuts on Hilltop claims #5, 21, 23, 24-- 125 x 40 x 20 x 4	400,000 cu. ft.
Total Cu. Ft.	800,000 cu. ft.

800,000 cu. ft. divided by 20 cu. ft. equals 40,000 tons.

Estimated cost $103,219.00 divided by 40,000 tons =

$2.584072 per ton.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/13	Houk	600
6/14	Johnson	110
14	Mittendorf	100
		220

600

JUN 14 1957

Hon. Byron Rodgers
House of Representatives
Washington 25, D. C.

Re: Docket No. DMEA-4456-Beryl,
Uranium, Manganese, Thorium,
and Rare Earths
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Dear Mr. Rodgers:

Reference is made to the May 20, 1957, telephone request of Mrs. Cawthon of your staff, asking to be kept informed of the progress of the Storm Mountain Mining Company's application for exploration assistance. We are enclosing two copies of a letter dated June 10, 1957, denying the application for exploration assistance.

If I can be of further assistance to you, please call on me at any time.

Sincerely yours,

C. O. Mittendorf (for) (Stamped in

Administrator

Enclosures 2

LGHouk:rsi 6/12/57
Copy to: Admr. R. File
Mr. Kiilsgaard, 5222
Mr. Crawford, 3641
Field Team, Region III
Mr. Houk

8623

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DMEA
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DATE		
6/17	C	220
		225

June 13, 1957

4456

Mn (U - Be - Thorium - Rare Earths)

Storm Mtn. Mining Co.

Hilltop & Estes Bell Groups

Larimer Co., Colo.

$103,219

W. S. Martin, DMEA

G. L. DeHuff, Jr., Commodity Specialist
Branch of Ferrous Metals and Ferroalloys

Field Team Report

5/29/57 — 6/6/57

Yes [ ] No [x]

Yes [ ] No [x]

Yes [ ] No [x]

Yes [ ] No [x]

g. Costs [ ]

h.

c. [x]

d. [x]

AEC office.

As an application for assistance to explore for manganese, it is recommended that this application be denied.

G L DeHuff Jr.

DMEA Form 7
(12-56)

Da		
6/7		
6/10	Selby	
6/10	Lewis	130
6/19	Kiilsgaard	130
6/10	Brown	110
"	Hollenbeck	100
6/10	C	220
		225

600

JUN 10 1957

Storm Mountain Mining Company
c/o Mr. Robert Sunshine
515 Majestic Building
Denver, Colorado

Re: Docket No. DMEA-4456-Beryl,
Uranium, Manganese, Thorium,
Rare Earths
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Gentlemen:

Your application for aid for an exploration project and other reports available to us in Washington relating to the subject property have been reviewed.

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

Careful study of all our information indicates to us that the probability of disclosing significant reserves of beryl, uranium, manganese, thorium, or rare earths are not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

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

Sincerely yours,

R. D. Thomson

Administrator

LGHouk:gad 6/6/57
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Crawford, 3641
Field Team, Region III
Mr. Houk

8623

OFFICIAL FILE COPY
Surname
Code 600 130

Docket with Denial Letter in Operating Committee.

Reply to sensitive advocacy. Congressman.

Geo. Jay on minority to unfavorably

ROBERT SUNSHINE
ATTORNEY AT LAW
MAJESTIC BUILDING
DENVER, COLORADO

TELEPHONE MAIN 3-5104

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DMEA
RECEIVED JUN 10 1957

DATE		CODE
6/10	C	220
6/11	Hank	600

June 6, 1957

United States
Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Docket No. DMEA-4456
Beryl, Uranium, Manganese,
Thorium, Rare Earths
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Gentlemen:

Thank you for your letter of June 3 concerning the above matter. I can certainly see the need for the instruments requested by you, and, accordingly, I enclose a copy of a letter written to American Beryl Corp.

Upon receipt of all documents I shall forward them to you for further disposition.

Very truly yours,

Robert Sunshine

Robert Sunshine

RS:mr
Enclosure

6/11/57
as denial letter mailed yesterday.
Hank

Geo says no reply necessary

June 6, 1957

American Beryl Corporation
Denver
Colorado

Attention: Mr. Carl Sandberg
Boettcher & Co.
828 - 17th Street

(Personal)

Gentlemen:

I am in receipt of a letter from the Defense Minerals Exploration Administration in which they request that the enclosed application be executed by the American Beryl Corp. and forwarded to them together with a copy of the assignment of the claims to you from Storm Mountain Mining Co., and a letter explaining the transfer.

If you will kindly complete the enclosed applications and return to me, together with a copy of the assignment of the claims to American Beryl Corp., I will prepare the letter outlining the transfer and forward all instruments to that Agency.

Very truly yours,

Robert Sunshine

RS:mr
Enclosures

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DATE CODE

(Personal)

IN REPLY REFER TO:

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

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 7 1957

DATE	INITIALS	CODE
6/7	JWB	220
		600

June 6, 1957

Re: DMEA 4456
Storm Mountain Mining Co.
Hilltop and Estes Bell
Groups
Larimer Co., Colo.
$103,219.00 - Uranium,
beryl, etc.

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team Report.

The applicant requested assistance in exploring 2 large pegmatite dikes for uranium, beryllium, manganese, thorium and rare earths, by rock trenching.

The pegmatite dikes intrude Precambrian Idaho Springs, granite and schist. The dikes are not zoned and are made up of a coarse intergrowth of pink and white feldspar, massive quartz and muscovite. The dikes contain beryl in small quantities. As estimated by the examiners, the beryl content of the dikes ranges from 0.5 to 1%. Films of dendritic manganese are to be seen but no radioactive or rare earth minerals were detected.

Denial of the application is recommended by the examiners and the Field Team.

I concur with the recommendation

N. E. Nelson

N. E. Nelson

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D M E A
RECEIVED JUN 7 1957

DATE	INITIALS	CODE
6/7	[illegible]	220
		600

June 6, 1957

4456

Rare-earth minerals
Storm Mountain Mining Co.
Hilltop and Estes Bell groups
Larimer County, Colorado
$103, 219

Lawrence G. Houk, Chief, Non-Metallic Minerals Division, DMEA, room 4453

C. T. Baroch, Acting Chief, Branch of Rare and Precious Metals, [illegible]
Rare-earth Commodity Specialist

Field Team Examinatinn Report

5/27/57 6/5/57

x

x

I concur with the field theam because the examiners concluded that no rare-earth minerals were found.

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D M E A
RECEIVED JUN 7 1957

DATE	INITIALS	CODE
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June 6, 1957

[illegible] 4456
[illegible]
[illegible] Beryl
[illegible] Storm Mountain Mining Company
[illegible] Hilltop and Estes Bell groups
[illegible] Larimer County, Colorado
[illegible] cost of project $103,219

Lawrence G. Houk, Chief, Non-Metallic Minerals Division DMEA , room 4453

Donald E. Eilertsen, Commodity Specialist, (Beryllium)
Branch of Rare and Precious Metals
Field Team Examination Report

[illegible] 5/27/57 [illegible] Date received by reviewer: 6/5/57

[illegible] Yes [ ] No [x]

[illegible] Yes [ ] No [x]

5. Information available on past production: Yes [x] No [ ]

6. Other pertinent factors known to reviewer: Yes [ ] No [x]

7. Explain item marked yes above: According to the 1956 canvass on beryl, Storm Mountain Mining Company sold a small quantity of beryl to Beryl Ores Company of Arvada, Colorado. The quantity was the same as shown on page 4 of the field team report.

8. Items needing special consideration:
a. [illegible] [ ]
b. [illegible] [ ]
c. [illegible] [ ]
d. [illegible] [ ]
e. Proposed exploration method [ ]
f. Alternate exploration method [ ]
g. Costs [ ]
h. ______________ [ ]

9. Action advised:
a. Obtain information from applicant [ ]
b. Refer to Field Team [ ]
c. Denial [x]
d. Agree with Field Team [x]
e. Disagree with Field Team [ ]
f. Suggest alternate plan [ ]
g. Request another examination [ ]
h. Approval [ ]
i. Consult with [illegible] ______________ at ______________ AEC office.

10. Remarks (Use back of page if necessary): I agree with the field team that the application for DMEA assistance should be denied because it is very unlikely that enough beryl alone would be found for successful mining. Possible coproducts such as uranium, manganese, thorium and rare-earth minerals were found only in insignificant quantities. Past production of Beryl has also been too small to warrant such a large expenditure for exploration.

Donald E. Eilertsen

OFFICIAL FILE COPY. DMEA RECEIVED JUN 6 1957		
DATE	INITIALS	CODE
6/6	JWE	220 600

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

Date June 5, 1957

DMEA Docket No. 4456
DMEA Contract No.
Commodity Uranium
Name of applicant Storm Mountain Mining Co.
Name of property Hilltop and Estes Bell Groups
Location of property Larimer County, Colorado
Estimated cost of project $103,219.

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee
From: James Paone, Bureau of Mines Member JP.
Uranium Commodity Committee
Subject: Review of Field Team Report
(Application, Field Team Report, etc.)

1. Date of subject document: 5/29/57. 2. Date received by reviewer: 6/4/57

3. Prior reports on this property known to reviewer: Yes ☐ No ☐

4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location ☐
   b. Ownership ☐
   c. Evidence of mineralization ☐
   d. Geology ☐
   e. Proposed exploration method ☐
   f. Alternate exploration method ☐
   g. Costs ☐
   h. _____ ☐

9. Action advised:
   a. Obtain information from applicant ☐
   b. Refer to Field Team ☐
   c. Denial [x]
   d. Agree with Field Team [x]
      1. Consult with Mr. _____ at _____ AEC office.
   e. Disagree with Field Team ☐
   f. Suggest alternate plan ☐
   g. Request another evaluation ☐
   h. Approval ☐

10. Remarks: (Use back of page if necessary)

June 4, 1957

Memorandum

To: Mr. C. O. Mittendorf, Administrator
From: L. G. Houk, Director, Division of Nonmetallic Minerals
Subject: Evaluation of application and field examination report
Docket No. DMEA-4456-Beryl,
Uranium, Manganese, Thorium, Rare Earths
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Denial of application is recommended.

~~Beryl;xxxxx~~

The company submitted an original proposal consisting of stripping, trenching, test pitting and about 375 feet of drifting on the Hilltop claim at an estimated cost of $40,139.81.

Before field referral they submitted a revised program of 8 trenches 125 feet long, 20 feet wide and 40 feet deep at an estimated cost of $103,219.00.

The company is reported to have produced 7.5 tons of beryl bearing material for beneficiation tests at the Colorado School of Mines. They ~~have~~ sold 1.3 tons of beryl in 1956. The Field Team estimates that 1/2 ton of beryl remains to be cobbed from ~~on~~ the stockpile on the Hilltop Claim No. 23.

The unzoned dikes occur in Precambrian granite and schist. The applicant proposes to explore two pegmatite dikes on claim No. 23 which has a strike length of 325 feet and as much as 25 feet wide. On Claim No. 24 a 20 foot wide pegmatite crops out for more than 1/4 mile.

The Field Team reports from a visual inspection of the six cuts across the dike of Claim No. 23 that the beryl content is about 1%, and the beryl content on the pegmatite Dike No. 24 about 1/2%. No rare earth or radioactive materials were observed on either pegmatite.

The applicant proposes to move 40,000 tons of material at $2.584 per ton. The value of the ore in place of 1% material is about $4.80.

The common crystal size is one to three inches. This size crystal is extremely difficult and costly to hand cobb and the recovery factor is low. No samples were taken by the Field Team nor were any grain counts made. The program as set forth by the applicant should be considered as mining of a 40,000 ton bulk sample. It is recommended that the subject application be denied on the basis that the probability of making a significant discovery is not sufficiently promising to justify Government participation.

DEFENSE MINERALS ADMINISTRATION

97021

PRODUCTION EXPANSION DIVISION

LOAN APPLICATIONS

Name of Company and Address _____

Name of Mine and Location _____

Docket No. DMA - _____ Date received by P.E.D. _____

Metals or Minerals involved _____

Amount of loan and interest rate _____

Type of Loan (R.F.C. or Guaranteed Bank Loan) _____

Term of Loan _____

Purpose of Loan — Mine Equipment _____

Mill or Reduction Plant _____

Operating Funds _____

Other _____

Repayment and Rate _____

Comments on Contract: _____

_____

_____

_____

_____

Date sent to Legal Division: _____

Date of Recommendation to D.P.A. for Certification _____

Date Certification sent to R.F.C. by D.P.A. _____

Date Signed into Contract by R.F.C. _____

Additional Remarks: _____

_____

_____

_____

_____

Interior—Duplicating Section, Washington, D. C.

Signed _____

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5-31	Long	140
	Sawyer	140
5/31	Hoult	600
"	Rutkendorf	100
6/3	C	220
		600

JUN - 3 1957

Mr. Robert Sunshine, Attorney
Majestic Building
Denver, Colorado

Re: Docket No. DMEA-4456
Beryl, Uranium, Manganese,
Thorium, Rare Earths
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Dear Mr. Sunshine:

Thank you for your letter of May 17, 1957, advising us that Storm Mountain Mining Company has sold its claims to American Beryl Corporation. Your letter also states that the company "...has assigned its rights to the D.M.E.A. loan to American Beryl Corp., subject to the approval of your Department."

Since no contract had been executed between the Storm Mountain Mining Company and D.M.E.A. the Company was at liberty to dispose of its claims as it saw fit without any Government concurrence. However, as no contract existed neither did any "rights to a D.M.E.A. loan" as such exist and consequently none could be assigned.

American Beryl Corporation has the same rights to apply for D.M.E.A. aid as did Storm Mountain Mining Company or anyone else who meets our requirements.

If American Beryl Corporation desires to explore the area covered by the claims under the same program submitted with Storm Mountain Mining Company's application, thereby taking advantage of all the time and expense which has gone into processing Storm Mountain's application, it should complete the enclosed application and forward the same to this office together with a copy of the instrument transferring the ownership of the claims, and a brief letter explaining the transfer.

When the foregoing is received, we will continue to process the application.

Sincerely yours,

C. O. Thiesen (for)

Administrator

Enclosure

RWLong:md 5/31/57

Copies to: DMEA Docket
Adm.'s Reading File
Operating Com.
T.H. Kiilsgaard, USGS
~~DxxExxEikerksen,3649~~
Mr. Houk, 4453
Mr. Crawford, 3641
Field Team, Region III
Chron.
Pending
R.P. Dwyer
R.W. Long

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

May 29, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 31 1957

DATE	INITIALS	CODE
5/31	C	220
		630
6-4	C	220
		600
DMEA		

Memorandum

To: Secretary to the Operating Committee

From: DMEA Field Team, Region III

Subject: Docket DMEA 4456 (Uranium-Beryl-Manganese-Thorium and Rare Earths) Storm Mountain Mining Company (Hilltop and Estes Bell Groups) Larimer County, Colorado

Enclosed are the original and three copies of the Joint Report of Examination on the subject property by D. E. Redmon, USBM, and R. U. King, USGS.

The field examiners conclude that the probability for making a significant discovery is not sufficiently promising to justify Government participation. Accordingly they recommend that the Applicant's work proposal be denied to which the Field Team concurs.

E. N. Harshman

E. N. Harshman
Acting Executive Officer

Reviewed by
DMEA OPERATING COMMITTEE
6-3-57
(date)

IN REPLY REFER TO:

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

DEPARTMENT OF THE INTERIOR
MAY 29 1957
REGION III
DENVER, COLORADO

TRANSMITTED
MAY 29 1957

May 28, 1957

Memorandum

To: Acting Executive Officer, DMEA Field Team, Region III

From: A. S. Konselman
E. N. Harshman

Subject: DMEA Docket 4456 (Uranium-Beryl-Manganese-Thorium and Rare Earths), Storm Mountain Mining Company (Hilltop and Estes Bell groups), Larimer County, Colorado

Enclosed are the original and nine copies of a joint examination report on the subject property by R. U. King, U. S. Geological Survey, and D. E. Redmon, U. S. Bureau of Mines.

The applicant proposes to explore pegmatite outcrops in four places on the Estes Bell group and in four places on the Hilltop group by excavating trenches about 125 feet long, 40 feet deep, and 20 feet wide. The estimated cost of the proposed program is $103,219.

The examiners estimate that the pegmatites contain, at best, only trace amounts of uranium, thorium, manganese, and rare earths, and that the beryl content of the rock ranges from 0.5 to 1.0 percent. They conclude that the proposed exploration will not discover ore of higher grade nor will it add materially to the present knowledge of the size and grade of the deposits.

CENTRAL FILE COPY
DEPARTMENT OF THE INTERIOR
DMEA
CODE
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Reviewed by
DMEA OPERATING COMMITTEE
6-3-57
(date)

Denial of the application for exploration assistance is recommended.

The A.E.C. was consulted regarding the uranium potential of the property.

A. S. Konselman
Mining Engineer

E. N. Harshman
Member, Field Team

Enclosures (10)
ENHarshman:mp

FOR UNITED STATES GOVERNMENT USE ONLY

TRANSMITTED
MAY 29 1957

DMEA
DEPARTMENT OF THE INTERIOR
MAY 29 1957
REGION III
DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

On site Exam. Rpt.

REPORT OF EXAMINATION BY FIELD TEAM,
REGION III

DMEA 4456

Storm Mountain Mining Company

Hilltop and Estes Bell Groups

Larimer County, Colorado

Uranium-Beryl-Manganese-Thorium- and Rare Earths

Joint Engineering and Geologic Report

by

R. U. King, Geologist
U. S. Geological Survey

D. E. Redmon, Mining Engineer
U. S. Bureau of Mines

May 27, 1957

Reviewed by
DMEA OPERATING COMMITTEE
6-3-57
(date)

CONTENTS

	Page
Introduction and summary	1
Location, topography, and physical features	2
Ownership, history, and production	3
Present status	4
Geology	5
Applicant's proposal and cost estimate	6
Conclusions and recommendations	7

ILLUSTRATIONS

Figure		Follows page
1.	General area map, Storm Mountain Mining Company, Hilltop claims, Larimer County, Colo. DMEA 4456	2
2.	Local area map, Storm Mountain Mining Company, Hilltop claims, Larimer County, Colo. DMEA 4456	2
3.	Property map and proposed work. Storm Mountain Mining Company, Larimer County, Colorado. DMEA 4456	2

DMEA 4456

STORM MOUNTAIN MINING COMPANY
HILLTOP AND ESTES BELL GROUPS
LARIMER COUNTY, COLORADO

INTRODUCTION AND SUMMARY

Storm Mountain Mining Company applied for DMEA assistance to explore for uranium, beryl, manganese, thorium, and rare-earths on their property in the Crystal Mountain district of Larimer County, Colorado. The application was submitted on August 31, 1956, and referred for field examination on January 30, 1957. Heavy snow prevented examination until May 6, 1957, when the property was examined by R. U. King, U. S. Geological Survey, and D. E. Redmon, U. S. Bureau of Mines, accompanied by John K. Banks, representative for the applicant.

The preliminary exploration proposal consisted of stripping, trenching, test pitting, and about 375 feet of drifting on the Hilltop claims, estimated to cost $40,139.84. Before the application was referred to the field, a revised exploration program was submitted consisting of 8 trenches, across outcropping pegmatite dikes on the Hilltop and Estes Bell groups of claims. Each trench would be 125 feet long, 20 feet wide and 40 feet deep. The applicant estimated the cost of the program at $103,219.

In the Crystal Mountain district the Precambrian Idaho Springs formation has been intruded by many pegmatite dikes that are known to contain beryl and small quantities of uranium minerals.

The examiners conclude that the uranium, manganese, thorium, and rare earth mineral content of the dikes is insignificant. The quantity of beryl may be significant but further exploration by drilling, trenching, or tunnelling would only serve to define, more closely, the limits of the pegmatites and would not disclose any significant change in the tenor of the ore.

It is therefore recommended that the application for DMEA assistance be denied.

LOCATION, TOPOGRAPHY, AND PHYSICAL FEATURES

The Storm Mountain Mining Company's property comprises two groups of standard lode locations known as Estes Bell and Hilltop groups in T. 6 N., R. 71 W., 6th P. M., in the Crystal Mountain district of Larimer County, Colorado (figs. 1, 2, and 3). The 20 contiguous claims comprising the Estes Bell group are in secs. 8, 9, 16, and 17; the Hilltop group of 24 contiguous claims is in secs. 2, 3, 4, 9, 10, and 11. The claims are reached by traveling west and north from Loveland, Colorado, to Masonville, then up the Buckhorn Creek road for 3.5 miles to the Stringtown road, then along the Stringtown road a distance of 7.1 miles to Bear Creek. The road forks after crossing Bear Creek; the right hand road crosses the Hilltop claims and the left hand road leads to Storm Mountain along the southeast edge of the Estes Bell group of claims.

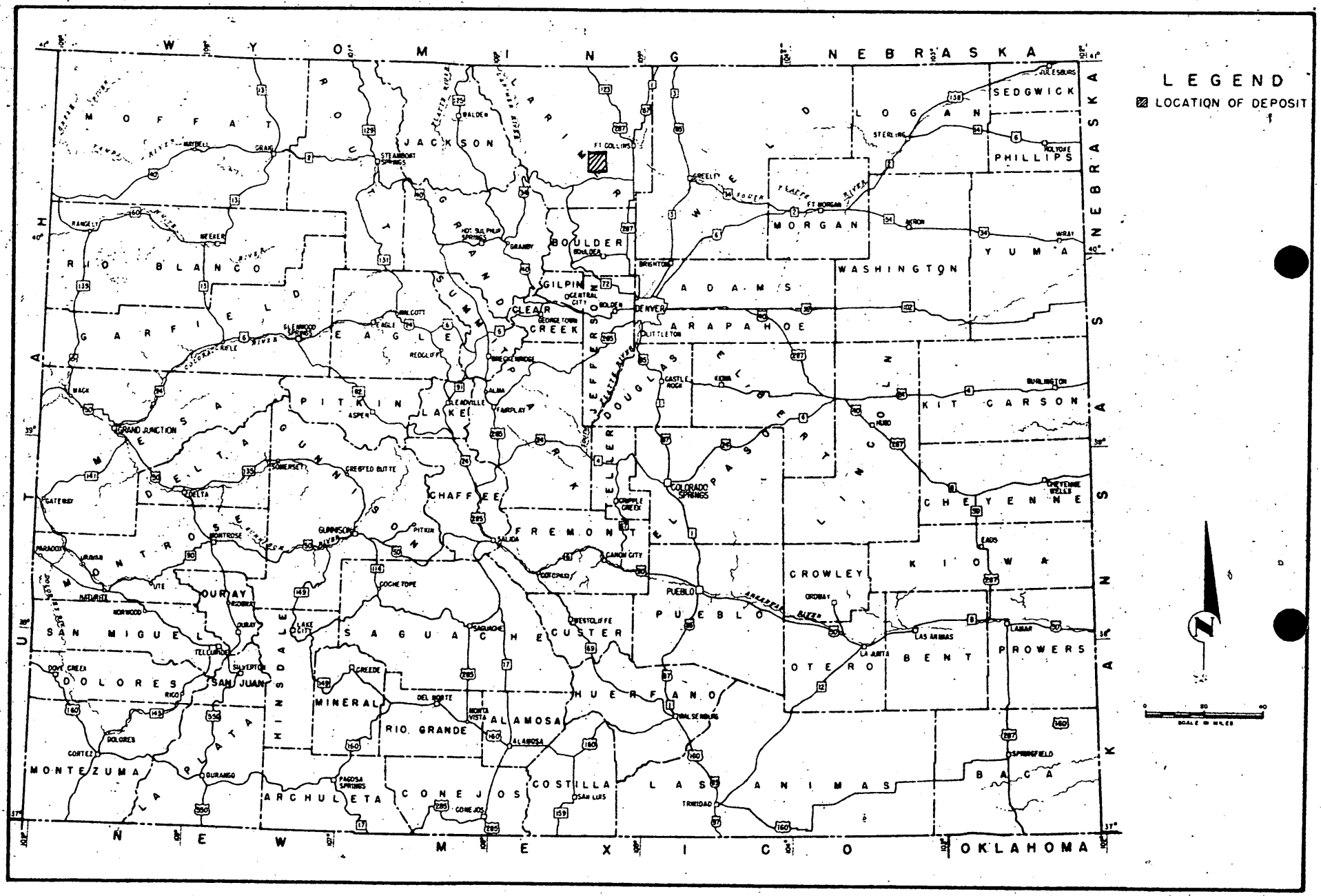

FIGURE 1 - GENERAL AREA MAP, STORM MOUNTAIN MINING COMPANY, HILLTOP CLAIMS, LARIMER COUNTY, COLO. DMEA 4456

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D M E A
RECEIVED MAY 31 1957

DATE	[illegible]	CODE

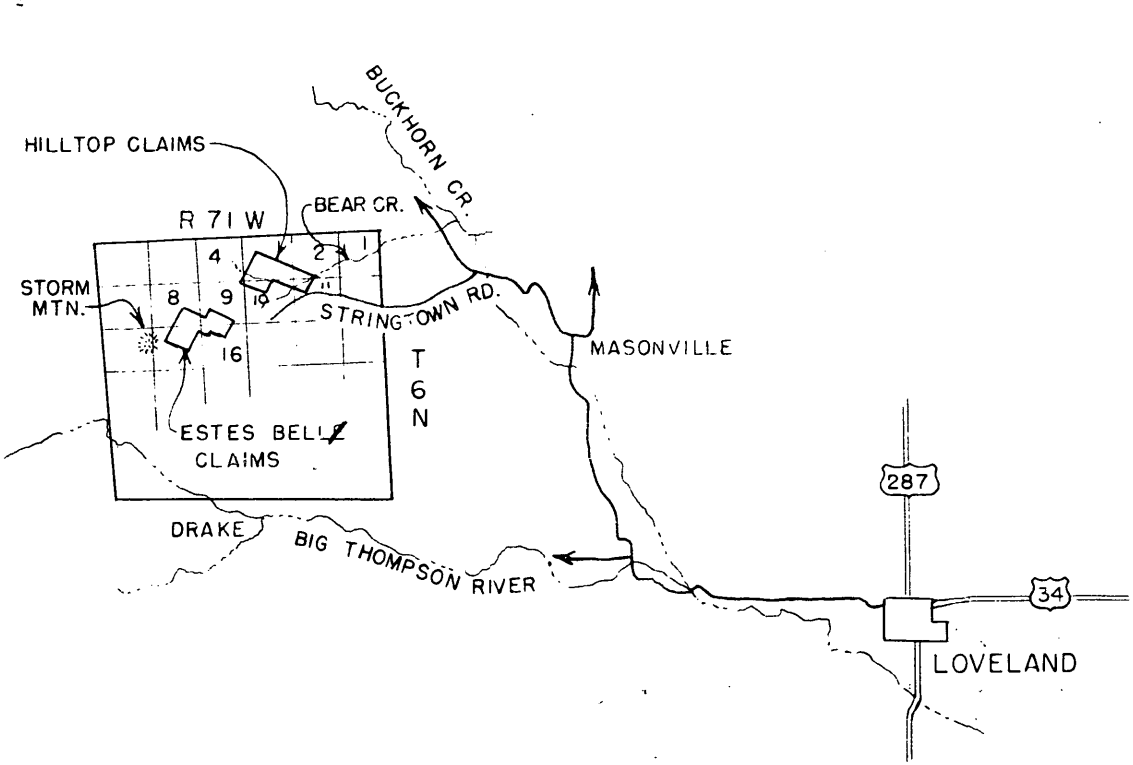

FIGURE 2 — LOCAL AREA MAP, STORM MOUNTAIN MINING COMPANY, HILLTOP CLAIMS, LARIMER COUNTY, COLO.
DMEA 4456

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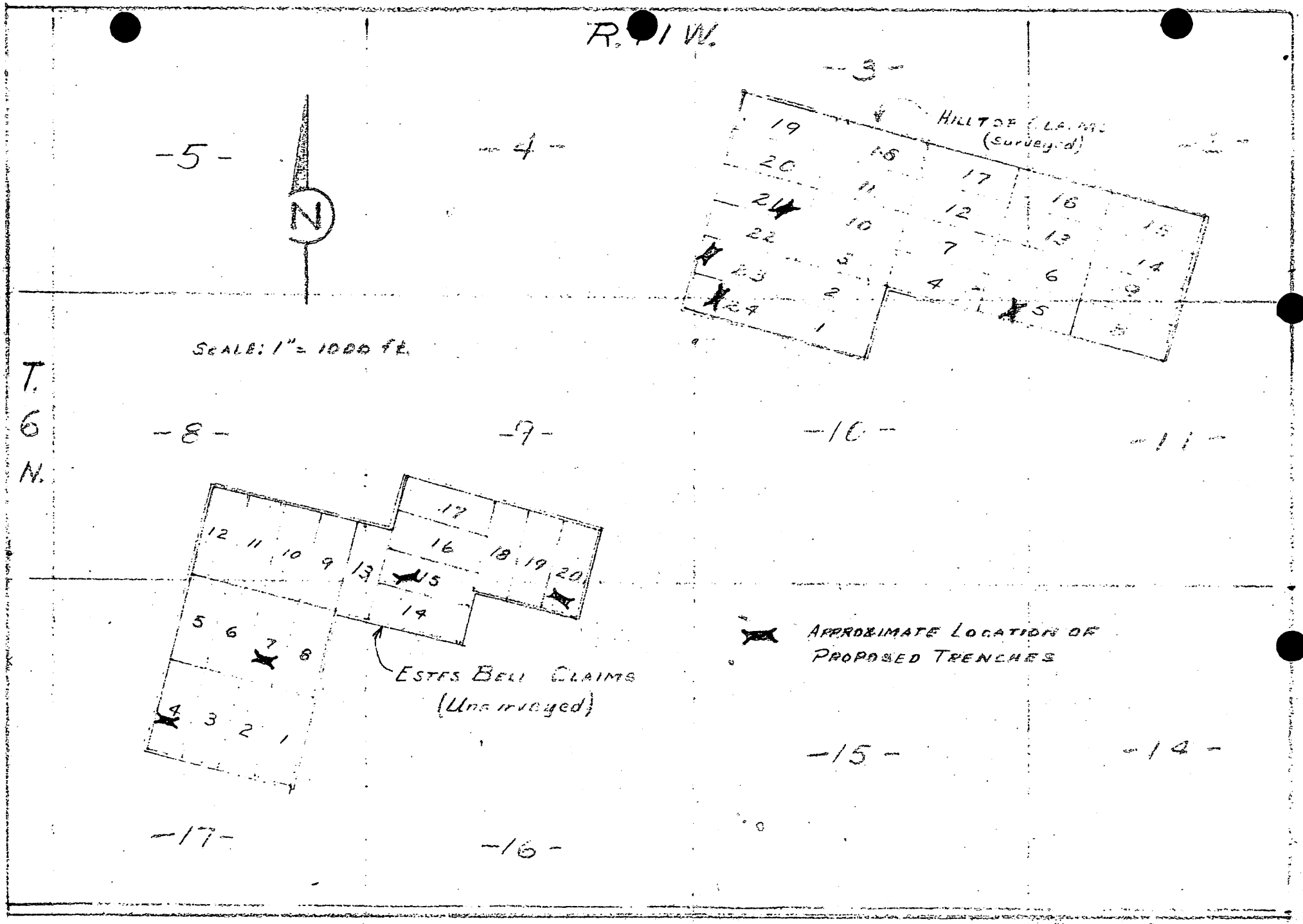

FIGURE 3 - PROPERTY MAP AND PROPOSED WORK, STORM MOUNTAIN MINING COMPANY. LARIMER COUNTY, COLORADO. DAIEA 4455

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The climate is moderate during summer, but heavy snowfall would preclude surface mining activity from November to May.

The terrain is mountainous but slopes are relatively gentle. Altitudes range from 7,500 to 9,500 feet above sea level. The Estes Bell group is at the higher altitude.

Access roads are rough and steep.

Manpower is available in nearby communities.

Water is plentiful only during the spring runoff season.

Electric power is not available at the property.

The relatively dense growth of pine, spruce, and aspen would provide timber for mine use and rough buildings.

OWNERSHIP, HISTORY, AND PRODUCTION

Storm Mountain Mining Company is a Colorado corporation in residence at 515 Majestic Building, Denver, Colorado (Phone MA.3-5104). Officers of the company are:

President: Wm. Dansby, c/o Riverview Cabins, Estes Park, Colo.

Vice Pres.: Rob't. Carlson, Rte. 1, Box 219, Broomfield, Colo.

Sec. Treas.: Rob't. Sunshine, 515 Majestic Bldg., Denver, Colo.

The ground proposed for exploration consists of 20 claims in the Estes Bell group and 24 claims in the Hilltop group. The claims are recorded at the Larimer County courthouse as follows:

Claim	Book	Page	Date filed
Estes Bell Nos. 1-12, inclusive	1009	Even numbered 34-56, inclusive	December 20, 1955
Estes Bell Nos. 13-20, inclusive	1010	Even numbered 174-188, inclusive	January 11, 1956
Hilltop Nos. 1-4, inclusive	1009	Even numbered 264-270, inclusive	December 28, 1955
Hilltop Nos. 5-24	1011	Odd numbered 263-301, inclusive	January 31, 1956

There were no property assignments with the brochure but Mr. Rob't. Sunshine, Secretary-Treasurer of Storm Mountain Mining Company, reported that the Estes Bell claims were formerly owned by W. Dansby and the Hilltop claims were formerly owned by W. Humphreys.

Production was reported by the applicant to be 7-1/2 tons of beryl-bearing material; apparently much of the material was used in experiments at the Colorado School of Mines in an effort to concentrate the beryl.

The Storm Mountain Mining Co. sold 2,600 pounds of beryl to Beryl Ores Company of Arvada, Colorado, in 1956. An estimated 1,000 pounds of beryl remains to be cobbed from a stockpile on Hilltop claim No. 23.

PRESENT STATUS

The campsite consists of a 24-foot house trailer and a large tent about 15 by 30 feet, used for a bunkhouse. There is no mining equipment on the property.

The Estes Bell claims are essentially unprospected and are in close proximity to the Phil Mar Oil Company property (Docket DMEA 4385) for which exploration assistance was denied.

GEOLOGY

Precambrian granite and schist are the country rocks in the vicinity of the Storm Mountain Mining Company's property in the Crystal Mountain district, Larimer County, Colorado. The Precambrian rocks are cut by pegmatite dikes that have a wide range in size, orientation, and composition.

Medium-grained gray to pink granite forms prominent ridges between intervening gullies and draws that are mostly underlain by quartz-biotite schist. The foliation of the schist trends N. 70° E. and dips 80° S.

Two pegmatite dikes crop out in the southwestern part of the claim group. On claim 23, a dike crops out along the crest of an eastward-plunging ridge for about 325 feet. The dike is as much as 125 feet wide and is roughly concordant with the enclosing schist. On claim 24, a 20-foot wide pegmatite dike crops out along the side of an east-trending draw for more than one-quarter mile.

The dikes are apparently unzoned and are made up of a coarse intergrowth of pink and white feldspar, massive quartz, and muscovite. Both dikes contain beryl in small quantities. Some of the beryl exhibits good crystal habit, but much of it is in irregular masses

intergrown with pink feldspar or gray quartz. The beryl ranges from a dull gray green to white. From visual inspection of six cuts across the dike on claim 23, it is estimated that the beryl content is about 1 percent. The beryl content of the dike on claim 24 appears to be not over 0.5 percent. Although beryl crystals as large as 8 inches in diameter were observed in the pegmatites on claim 23, the common crystal size is much smaller, ranging from one to 3 inches in diameter.

Small irregular masses of a black sooty non-radioactive mineral are sparsely scattered in the pegmatite on claim 23. Black film-like dendritic coatings are common on fracture surfaces. These black minerals are believed to be manganese oxides.

No rare earth or radioactive minerals were observed in either of the pegmatites on the property, and it is concluded that significant quantities of uranium, thorium, or other radioactive minerals are not likely to occur in significant amounts in the pegmatite deposits on the property.

APPLICANT'S PROPOSAL AND COST ESTIMATE

The applicant proposes to trench across pegmatite outcrops in four places on the Estes Bell group and four places on the Hilltop group (fig. 3). The trenches are expected to be about 125 feet long, 40 feet deep and 20 feet wide. The cost of the project was estimated to be $103,219.00.

Many items are excessive, such as: $3.10 an hour for laborers; $800 per month for a general superintendent; $6,000 for camp supplies; and $1,200 for attorneys' fees.

CONCLUSIONS AND RECOMMENDATIONS

The examiners conclude that uranium, manganese, thorium, and rare earths exist in such small quantities as to be of no economic importance. Although the quantity of beryl in the pegmatites may be appreciable, the grade of the ore is low (0.5 to 1 percent). Further exploration would not be likely to result in a significant change in the estimated tenor of the beryl-bearing dikes.

It is recommended that the application for DMEA assistance be denied.

ROBERT SUNSHINE
ATTORNEY AT LAW
MAJESTIC BUILDING
DENVER, COLORADO

TELEPHONE MAIN 3-5104

May 17, 1957

Official
~~EXTRA~~ COPY
DMEA
RECEIVED MAY 20 1957

DATE	INITIALS	CODE
5/20	C	220
5/20	H	600

Administrator
United States Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Docket No. DMEA-4456
Beryllium, Uranium, Manganese,
Thorium, Rare Earths
Storm Mountain Mining Co.
Estes Bell and Hilltop Groups
Larimer County, Colorado

Dear Sir:

Please be advised that Storm Mountain Mining Co. has sold the claims involved in the above loan application to American Beryl Corp., a Colorado corporation.

In addition thereto, Storm Mountain Mining Co. has assigned its rights to the D.M.E.A. loan to American Beryl Corp., subject to the approval of your Department.

In the event that you desire copies of instruments regarding this matter, kindly advise.

Very truly yours,

Robert Sunshine

Robert Sunshine

RS:mr
cc: Hon. Byron Rogers

May 16, 1957

Congressman Byron Rodgers' office called, Code 190 X-632, with respect to DMEA-4456, Storm Mountain Mining Company, a Colorado beryl application which was referred to the field on January 25, 1957.

Mrs. Cawthon discussed the case and advised that Mr. Robert Sunshine, the Attorney, advised her that the field examination had been made. Her question was could the American Beryl Corporation, which in some way is probably related to the Storm Mountain Mining Company as they both have the same attorney, build a mill on the property of the Storm Mountain. She stated that Mr. Robert Sunshine will write the Administrator setting out the problem and I told Mrs. Cawthon that as soon as the letter was received in this office we would call her and let her know its ~~comments~~ contents.

May 20, 1957

Here called a read contents of Sunshine letter of May 17, 1957. Mrs. Cawthon asked to be kept informed on future progress. Hand.

April 11, 1957

Representative Rogers Office of Colorado telephoned today and asked Mr. Houk to keep them informed of the progress of the docket.

ROBERT SUNSHINE
ATTORNEY AT LAW
MAJESTIC BUILDING
DENVER, COLORADO

TELEPHONE MAIN 3-5104

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DMEA
RECEIVED 4 1957

DATE	INITIALS	CODE
2/4	C	220
		600

January 31, 1957

Administrator
United States Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Docket No. DMEA-4456
Beryllium, Uranium, Manganese,
Thorium, Rare Earths
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Dear Sir:

Thank you for your letter of January 25, 1957, concerning the above matter.

We will be happy to assist the regional office or the members of the Field Team in any manner whatsoever concerning the loan application.

If a field examination is desired, we will be happy to make arrangements to take the members of the Field Team to the properties involved.

Very truly yours,

Robert Sunshine

Robert Sunshine

RS:mr

DMEA
DEPARTMENT OF THE INTERIOR

JAN 31 1957
REGION III

January 30, 1957

Memorandum

To: W. M. Traver, Executive Officer, DMEA Field Team, Reg. III

From: Superintendent, Denver Experiment Station, Reg. III

Subject: Docket DMEA-4456 (Uranium) Storm Mountain Mining Company (Hill Top claims) Larimer County, Colorado

The application for Storm Mountain Mining Company, Docket DMEA 4456 in the amount of $40,139.84 was received in this office on January 30, 1957.

A field examination will be made and suitable report prepared by an engineer from the Denver office.

W. H. KING

W. H. King

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DMEA
RECEIVED FEB 4 1957

DATE	INITIALS	CODE
2-4	C	220
		600

cc: W. M. Traver (2)
E. N. Barshman
J. F Shaw

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

OFFICIAL FILE COPY DMEA RECEIVED JAN 31 1957		
DATE	INITIALS	CODE
1-31	CW	220
2/1	Hok	600
January 29, 1957		

22b New Customhouse
Denver 2, Colorado

Memorandum

To: W. H. King (2) w/copy of brochure
R. H. Hardman

From: DMEA Field Team, Region III

Subject: Docket DMEA-4456 (Beryl) Storm Mountain Mining Company (Hill Top claims) Larimer County, Colorado

Enclosed is the subject application as revised in the amount of $40,139.84. A field examination and suitable covering report of examination are required.

Also enclosed are a copy of a letter from the Chairman, Operating Committee, referring the application for field examination with comments and review memoranda by William P. Williams, USGS and J. E. Crawford, USBM.

Please return the brochure with your report.

DMEA Field Team, Region III

Original signed by
W. M. TRAVER

By W. M. Traver
Executive Officer

Enclosures

WMT:jy
cc: Sec. Op. Comm. (2)
Docket 4456
Chron.

DMEA Form 7
(12-56)

Paone (USBM)
Williams (USGS)

OFFICIAL FILE COPY

Date	Surname	Code
1/25	Houk	600
1/25	Selfridge	130
"	Johnson	110
"	Whitaker	100
		220

600

JAN 25 1957

Mr. W. M. Traver
Executive Officer, DMEA
Field Team, Region III
224 New Customhouse Bldg.
Denver 2, Colorado

Re: Docket No. DMEA-4456
Beryllium, Uranium, Manganese,
Thorium, Rare Earths
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Dear Mr. Traver:

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

Copies of memoranda dated September 11 and 18, 1956, by Mr. W. F. Williams, USGS, and Mr. John E. Crawford, USBM, respectively, relating to the project are enclosed. There are also enclosed one copy of the amended application and one set of plats consisting of three maps.

We realize the information supplied by the Applicant is inadequate, however, we do not think that further correspondence would remedy the defects. Please note the docket has been transferred to the Nonmetallic Minerals Division.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:

Frank D. Lamb (GCS)
Member, Bureau of Mines

N. E. Nelson (GCS)
Member, Geological Survey

Enclosures 8

LGHouk:gad 1/24/57
Rewritten 1/25/57
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222 Mr. Crawford, 3641 Mr. Houk

8623

DMEA Form 7
(12-56)

Paone (USBM)
Williams (USGS)

OFFICIAL FILE COPY

Date	Surname	Code
1/25	Houk	600
1/25	Selfridge	130
"	Johnson	110
"	Mittendorf	100
		220

600

JAN 25 1957

Storm Mountain Mining Company
c/o Mr. Robert Sunshine
515 Majestic Building
Denver, Colorado

Re: Docket No. DMEA-4456
Beryllium, Uranium, Manganese,
Thorium, Rare Earths
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Lamb
Nelson

Gentlemen:

Your letter of December 28, 1956, containing two sets of plats consisting of three maps and amended application have been received. Your application is now being referred to Mr. W. M. Traver, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse Building, Denver 2, Colorado, for further consideration and possibly a field examination.

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

Sincerely yours,

C. O. Mittendorf (for)

Administrator

LGHouk:gad 1/24/57
Rewritten 1/25/57
Copy to: Admr. R. File
Operating Committee
Field Team, Region III
Mr. Kiilsgaard, 5222
Mr. Crawford, 3641
Mr. Houk

A.C.S.

8623

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

RECEIVED JAN 25 1957 D.M.E.A.

224 New Customhouse
Denver 2, Colorado

January 23, 1957

Memorandum

To: Secretary to the Operating Committee

From: DMEA Field Team, Region III

Subject: Docket DMEA 4456 (Uranium-Beryllium-Manganese-Thorium-Rare Earths) Storm Mountain Mining Co. (Estes Bell and Hilltop Groups) Larimer County, Colorado.

Mr. Ernest Wm. Ellis' letter to the subject Applicant, dated September 20, 1956, requested him to forward this office and the Washington Office each two copies of additional information.

We have received two copies of the following:

1. A revised application consisting of six photostat copies.

2. Claim map of Hilltop claims.

3. Sketch showing known and projected extension of dike on Hilltop Claim No. 23.

4. Map showing section through outcrop Hilltop Claim No. 23.

It is noted that the Estes Bell claims have been deleted from the revised application.

DMEA Field Team, Region III

By W. M. Traver
Executive Officer

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 25 1957

DATE	INITIALS	CODE
1-25	C	220
		600

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
1/7/57	Knouse	700
1-23	C	220
1/24	Houk	600

January 23, 1957

Memorandum

To: Lawrence G. Houk, Chief
Nonmetallic Metals Division

Through: Catherine Curtin

From: F. L. Knouse, Mining Engineer
Rare and Miscellaneous Metals Division

Subject: Docket No. DMEA-4456
(Uranium, Beryllium, Manganese,
Thorium, Rare Earths)
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

The supplementary information submitted by Mr. Robert Sunshine, attorney for the Applicant, with his letter of December 28, 1956, indicates that the application is primarily for beryl, mica, and associated minerals.

Accordingly, this docket is transferred to you for further processing.

F. L. Knouse

F. L. Knouse

Attachment - docket

FLKnouse/gla
cc to: Code 700, Mr. Knouse

8623

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

January 23, 1957

Memorandum

To: Lawrence G. Houk, Chief
Nonmetallic Metals Division

Through: Catherine Curtin

From: F. L. Knouse, Mining Engineer
Rare and Miscellaneous Metals Division

Subject: Docket No. DMEA-4456
(Uranium, Beryllium, Manganese,
Thorium, Rare Earths)
Storm Mountain Mining Company
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Larimer County, Colorado

The supplementary information submitted by Mr. Robert Sunshine, attorney for the Applicant, with his letter of December 28, 1956, indicates that the application is primarily for beryl, mica, and associated minerals.

Accordingly, this docket is transferred to you for further processing.

F. L. Knouse

F. L. Knouse

Attachment - docket

1/7/57

Mrs. Cawthorn, of Congressman Byron Rogers' (Colo.) office, phoned Mr. Ellis re status of this application. Code 190, ext. 632.

We are to call her if anything important takes place.

- - -

1/23/57

Telephoned Mrs. Cawthorn and advised of receipt of information from Applicant's attorney, dated December 28, 1956. FLK

- - -

ROBERT SUNSHINE
ATTORNEY AT LAW
MAJESTIC BUILDING
DENVER, COLORADO

TELEPHONE MAIN 3-5104

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 22 1957

DATE	INITIALS	CODE
1-22	C	220
1-22	[illegible]	700
		600

December 28, 1956

Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Attention: Mr. Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

Re: Docket No. DMEA-4456
(Uranium, Beryllium, Manganese,
Thorium, Rare Earths)
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Dear Sir:

I enclose herewith an original and one copy of a geologist's report and plats for and on behalf of Storm Mountain Mining Company in connection with its application for a government loan, in accordance with your letters of September 20 addressed to Mr. William Dansby and of October 31 addressed to me.

This report was prepared by Mr. Dean Nicholson, a geologist.

In the event that you desire additional information concerning this matter, please contact me.

Very truly yours,

Robert Sunshine

Robert Sunshine

RS:mr
Enclosures

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 22 1957
DATE | INITIALS | CODE

APPLICATION FOR AID IN AN
EXPLORATION PROJECT, PURSUANT TO
DMEA ORDER 1, UNDER THE DEFENSE
PRODUCTION ACT OF 1950, AS AMENDED

1.(a) Storm Mountain Mining Co.
c/o Robert Sunshine
515 Majestic Building
Denver, Colorado

(b) Storm Mountain Mining Co., is a Colorado corporation.

(c) Officers of Storm Mountain Mining Co.:

President	Mr. William Dansby c/o Riverview Cabins Estes Park, Colorado
Vice-President	Robert Carlson Route 1, Box 219 Broomfield, Colorado
Sec'y-Treas.	Robert Sunshine 515 Majestic Building Denver, Colorado

3.(a) The area covered in this application comprises the following unpatented claims located in Sections 2,3,10 and 11, Township 6 North, Range 71 West, Larimer County, Colorado, approximately 8 air miles northwest of the Masonville Store.

CLAIM NAME	BOOK	PAGE	DATE
Hilltop No. 1	1009	264	December 28, 1955
Hilltop No. 2	1009	266	December 28, 1955
Hilltop No. 3	1009	268	December 28, 1955
Hilltop No. 4	1009	270	December 28, 1955
Hilltop No. 5	1011	263	January 31, 1956
Hilltop No. 6	1011	265	January 31, 1956
Hilltop No. 7	1011	267	January 31, 1956
Hilltop No. 8	1011	269	January 31, 1956
Hilltop No. 9	1011	271	January 31, 1956
Hilltop No. 10	1011	273	January 31, 1956
Hilltop No. 11	1011	275	January 31, 1956
Hilltop No. 12	1011	277	January 31, 1956
Hilltop No. 13	1011	279	January 31, 1956
Hilltop No. 14	1011	281	January 31, 1956

Hilltop No. 15	1011	283	January 31, 1956
Hilltop No. 16	1011	285	January 31, 1956
Hilltop No. 17	1011	287	January 31, 1956
Hilltop No. 18	1011	289	January 31, 1956
Hilltop No. 19	1011	291	January 31, 1956
Hilltop No. 20	1011	293	January 31, 1956
Hilltop No. 21	1011	295	January 31, 1956
Hilltop No. 22	1011	297	January 31, 1956
Hilltop No. 23	1011	299	January 31, 1956
Hilltop No. 24	1011	301	January 31, 1956

(b) Hilltop Mine

(c) Storm Mountain Mining Company holds right to the claims as they have been transferred to the company by the original locators.

(e) There are no liens or encumbrances on the property.

4.(a) Roads have been built to the claims and a camp site established. In addition roads have been built to the outcrop of the dike to make several parts of it accessible by vehicle.

The work done to date consists of exploration on the dike, however, a small amount of beryl has been sold to the Beryl Ores Company, in Arvada, Colorado, in an effort to establish a value locally for the beryl and to ascertain the market conditions. R.P.

Exploration on the dike consists of one open pit in the dike on the side of the hill. This pit has opened the dike up at this point to a depth of 20'. Several shallow trenches have been dug across the dike both above and below the open pit to establish the width and composition of the dike. W.

The mine workings consist entirely of the above mentioned exploratory surface work and was done by Storm Mountain Mining Company and others who were interested in the property in conjunction with Storm Mountain.

The property is accessible for examination and the mine road is extended to the open pit exploration site.

(b) Full details of past production from the property are not available, however, it is very limited and consists of only a few thousand pounds shipped to the Beryl Ores Co., Arvada, Colorado. These few thousand pounds consisted of hand-cobbed beryl for which are reported price of $0.20 per pound was received. There is no current production at this time, however, the past production has been since the summer of 1956, and presently discontinued due to inclement weather.

There are no ore reserves at present other than that which can be assumed as existing from a visual examination of the outcrop.

(c) The Hilltop claims are located in the Front Range of Colorado which is composed chiefly of schists of the Idaho Springs formation. These schists have been intruded by a variety of granitic batholiths.

The Front Range carries a very large number of pegmatite dikes, the majority of which are granitic, however, a few are beryl-rich. These dikes are thought to have been intruded through faults and fractures.

On the Hilltop claims at least two known pegmatite dikes outcrop which appear to be beryl-rich. In addition a considerable amount of mica is found with appreciable quantities of feldspar.

In the general area considerable amounts of beryl have been found and economically mined over many years. In addition mica has been found in commercial quantities for shipment. P.P.

These pegmatites are zoned and sections or portions of the dikes will be found to be beryl-rich to a sufficient degree to be suitable for mining and processing or hand sorting to produce beryl, mica and feldspar products.

It is the desire of Storm Mountain Mining Company to explore the area to establish the extent and continuity of the beryl-rich pegmatites on the Hilltop claims.

Recent experiments by the Rapid City Experiment Station of the Bureau of Mines have indicated that a satisfactory process has been outlined for the selective flotation of beryl, and the associated minerals such as muscovite, feldspar and quartz. With the establishment of such a process and the ever increasing demand for beryllium and beryllium alloys, these beryl-rich pegmatites of the Front Range will become of increasing importance as a supplier of beryl concentrate.

The limited work done to date on the Hilltop claims indicates that these pegmatite dikes warrent further exploration to establish the presence of beryl as indicated in the small amount of work done.

Accompanying this application are maps, assay reports, geologic reports and settlement sheets showing the sale of a small amount of beryl ore.

(d) Access roads have been constructed to the claims and to the work location on the dikes. These 10 miles of access roads from the main road are mine road, however, can very easily be improved for haulage and other transportation.

The mine is 24 miles from Loveland, Colorado, which is the railhead and a source of supply.

A campsite is available at the mine with spring water, however, facilities are presently unavailable and would have to be constructed as a part of the program to house the workmen.

(e) Manpower, materials, supplies and equipment are available in Loveland, Colorado, 24 miles from the mine. Large or special items are available on overnight shipping schedules from Denver.

Culinary water is available at the campsite and a spring is located very near the site of the projected mine opening. While the flow is not extensive at this time, the spring could undoubtedly be opened up to a larger flow adequate for any mine use.

Power would have to be generated at the mine site and fuel for power hauled from Loveland.

5.(a) The exploration program is to explore for beryl, mica and other associated minerals.

(b) As shown on the accompanying maps the exploration work consists of:

1. Stripping the outcrop.
2. Trenching across the outcrop.
3. Exploratory test pits.
4. A drift in the dike at a low elevation to explore the dike at depth.

(c) Work will start within 30 days and be completed within 9 months of an exploration project contract.

(d) Storm Mountain Mining Company has retained the services of a graduate, licensed mining engineer to supervise their beryl exploration and operation program.

6. Estimate of costs:

Note: The entire program is based on a 4 month program from its inception and for 85 working days.

(a) Independent contracts:

Bulldozer work: 120 hours @$12.50 per hr. $1500.00

(b) Labor, supervision, consultants:

1. Trenching and pitting:

4 men at $22.00 per day for 85 days $7480.00

2. Drifting:

1 miner at $22.00 per day for 85 days	$1870.00	
1 mucker at $20.00 per day for 85 days	1700.00	
1 laborer at $20.00 per day for 85 days	1700.00	
3. Supervision: 4 months at $500.00	2000.00	
4. Consulting (geological)	1000.00	
		$15,750.00

(c) Operating materials and supplies:

1. Powder 4½ tons at $480.00 per ton	$2160.00	
2. Caps and fuse	300.00	
3. Fuel 25 gal. gasoline per day @$0.31	658.75	
4. Lubricating Oil and Grease	200.00	
5. Timber	1000.00	
6. Drill steel	250.00	
7. Drill bits	250.00	
8. Hand tools	200.00	
9. Delivery to property	1000.00	
		$6018.75

(d) Operating equipment:

1. Rental equipment	4 months rent	
(a) Compressor 250 cu.ft./min.	$1000.00	
(b) Scoot-Crete	1000.00	
(c) Jack hammer (1)	200.00	
(d) Jack hammer and leg (1)	300.00	
		2500.00
2. Purchased equipment		
(a) Hoses	300.00	
(b) Pressure water tank	150.00	
(c) Pipe	200.00	
(d) Fittings	250.00	
		900.00

(f) New buildings and installations

1. Bunk house	1000.00	
2. Cook house and equipment	650.00	
3. Water supply	376.00	
4. Powder house	350.00	
5. Light plant	335.00	
6. Electrical installations	200.00	
7. First aid supplies	225.00	
		3136.00

(g) Miscellaneous:

1.	Repairs and maintenance (general)	$ 500.00	
2.	Assaying	500.00	
3.	Accounting	250.00	
4.	Payroll at $15,750.00		
	(a) F.I.C.A. at 2% $315.00		
	(b) Employment Security at 2.7% 425.25	740.25	
5.	Industrial Compensation	630.00	
6.	Sates Taxes at 3%	300.00	
			$2920.25

(h) Contingencies at 20% of $31,366.54 6273.31

Total of Exploration Program $40,139.84

7.(a) Storm Mountain is prepared to furnish its share of the costs

(b) Money

EXTRA COPY
DMEA
RECEIVED JAN 22 1957

DATE	INITIALS	CODE

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The mine is 24 miles from Loveland, Colorado, which is the railhead and a source of supply.

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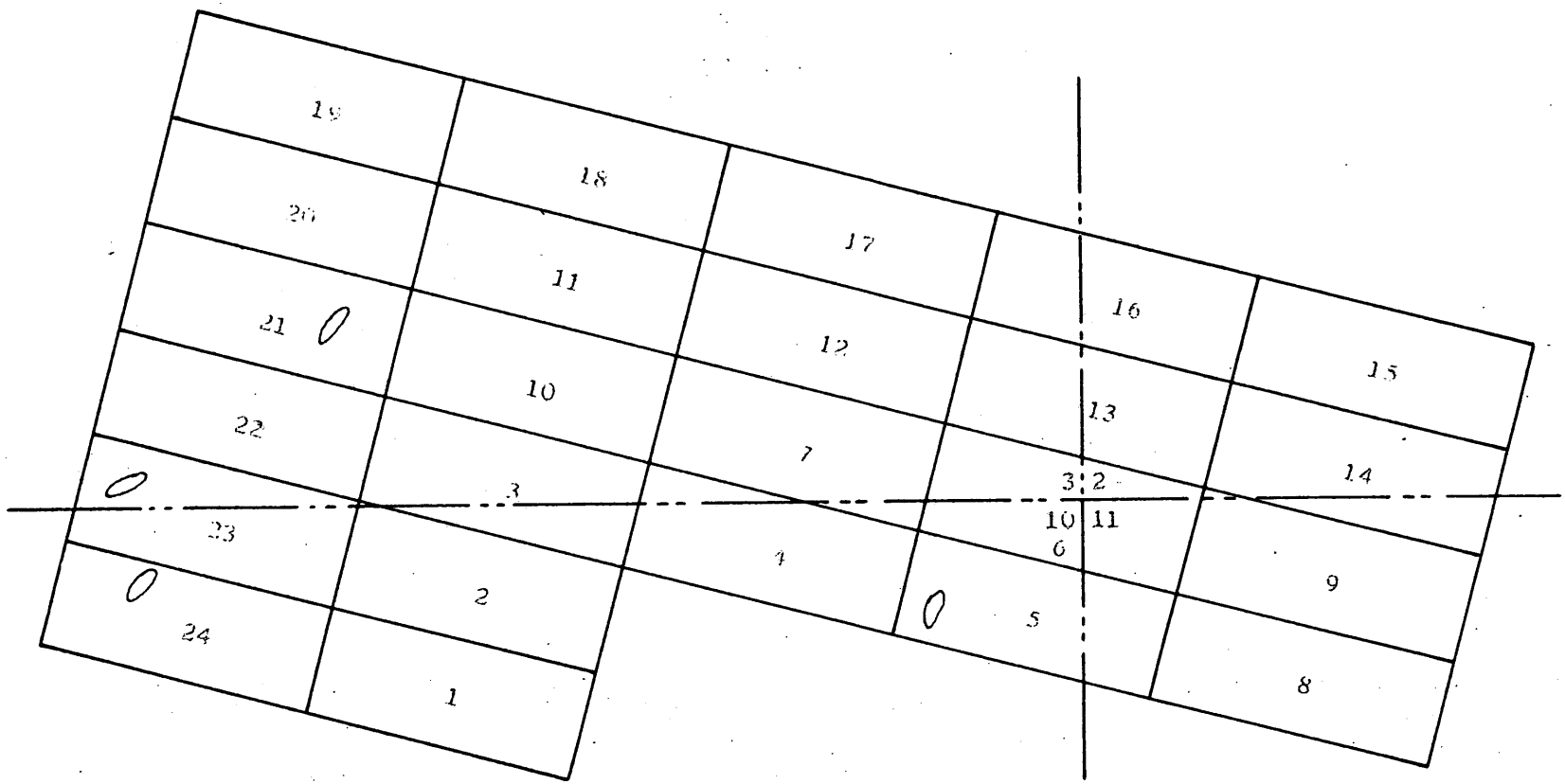

T 6 N, R 71 W, Larimer County, Colorado

Beryl Mineralization

CLAIM MAP
Hilltop Claims
STORM MOUNTAIN MINING CO.
Denver, Colorado
Scale 1" = 1000' 12/18/56

RECEIVED
JAN 22 1957
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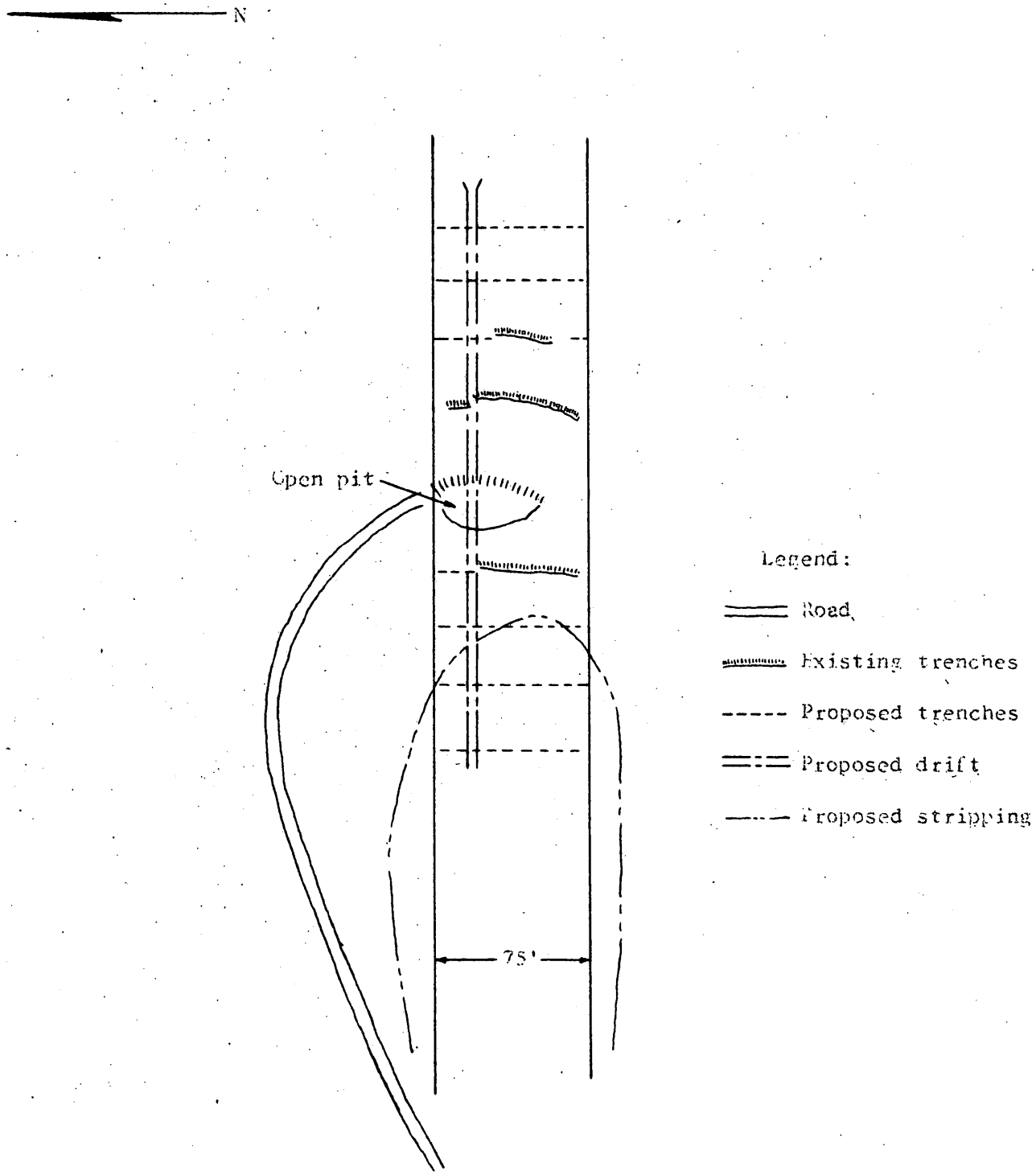

HILLTOP CLAIM NO. 23
Known and Projected extension of Dike
STORM MOUNTAIN MINING CO.
Denver, Colorado
Sketch 12/18/56

RECEIVED
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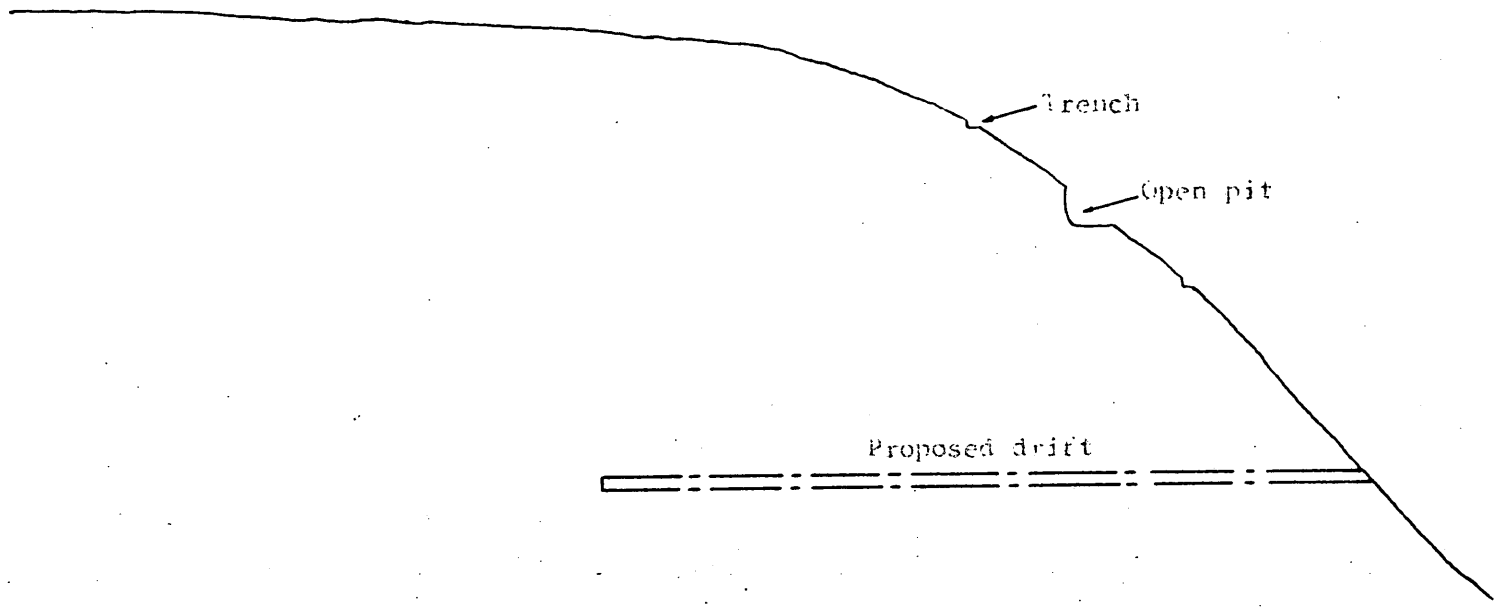

HILLTOP CLAIM NO. 23
Section Through Outcrop
STORM MOUNTAIN MINING CO.
Denver, Colorado
Sketch 12/18/56

RECEIVED
JAN 22 1957
D.M.E.A.

11-9-56

ROBERT SUNSHINE
ATTORNEY AT LAW
MAJESTIC BUILDING
DENVER, COLORADO

TELEPHONE MAIN 3-5104

RECEIVED
NOV 9 1956
DMEA

November 7, 1956

United States
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4456
(Uranium, Beryllium, Manganese
Thorium, Rare Earths)
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Attention: Mr. Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

Dear Sir:

Reference is made to your letter of October 31, 1956 concerning the above application for a loan.

Please be advised that the geologist's report has been completed in part. Due to weather conditions, he has been unable, as yet, to complete the remainder of the report. As soon as weather permits he is planning to return to the claims and complete his report to be forwarded to you.

I certainly appreciate your interest in this matter, and I shall keep you advised as to its status.

Sincerely yours,

Robert Sunshine

Robert Sunshine

RS:mr

Surname copy

700

FIKnouse
Mutheadory

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

OCT 31 1956

Mr. Robert Sunshine
Attorney at Law
Majestic Building
Denver, Colorado

Re: Docket No. DMEA-4456
(Uranium, Beryllium, Manganese
Thorium, Rare Earths)
Storm Mountain Mining Company
Estes Bell and Hilltop Groups
Larimer County, Colorado

Dear Mr. Sunshine:

Reference is made to my letter of September 20, 1956, to Mr. William Dansby, President of the subject company, and your reply, dated September 24, with reference to additional information which we require to process the above-docketed application.

Action on this application is pending receipt of the information requested in our letter of September 20. Kindly advise us when we may expect to receive the geologist's report which you mentioned in your letter.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FIKnouse/gla
10-30-56
cc to: Admr.'s Reading File
Docket
Messrs. JECrawford, 3643
THKiilsgaard, 5224
JOHosted, 3210, GSA
Code 700, Mr. Knouse
DMEA Field Team, Region III (2)

R.C.S.

9/28/56 gla

ROBERT SUNSHINE
ATTORNEY AT LAW
MAJESTIC BUILDING
DENVER, COLORADO

TELEPHONE MAIN 3-5104

RECEIVED
SEP 27 1956

September 24, 1956

Mr. Ernest Ellis
Chief, Rare and Miscellaneous
Metals Division
U. S. Department of the Interior
Exploration Administration
Washington 25, D. C.

Re: Docket No. DMEA-4456 - Storm Mountain Mining Company

Dear Mr. Ellis:

Mr. William Dansby, president of Storm Mountain Mining Company, has requested me to acknowledge receipt of your letter of September 20 concerning a request for additional information with reference to the application of the above company for Government exploration assistance.

The geologist who has given assistance in this matter is presently out of the city. Immediately upon her return we shall request the report desired by you.

We certainly appreciate your prompt attention to this matter, and as soon as all information is available, we shall forward it to you.

Thank you very much for your cooperation.

Very truly yours,

Robert Sunshine

Robert Sunshine

RS:mr
cc: Mr. W. M. Traver
Executive Officer DMEA Field Team
Regent III, 224 Customs House
Denver, Colorado

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

DOCKET COPY
Surname:
J L Kemp
Ellis
Mottendorf

SEP 29 1959

Mr. William Dansby, President
Storm Mountain Mining Company
c/o Mr. Robert Sunshine
515 Majestic Building
Denver, Colorado

Re: Docket No. DMEA-4456
(Uranium, Beryllium, Manganese
Thorium, Rare Earths)
Estes Bell and Hilltop Groups
Larimer County, Colorado

Dear Mr. Dansby:

This is with reference to your application for Government exploration assistance to explore the subject property.

In order that we may continue to process your application, please furnish the following:

1. We note in your application that you have been advised by a competent geologist and engineer to make a crosscut in the dikes to penetrate the ore-bearing zones. If reports were submitted by either or both the geologist and engineer, they would be helpful in evaluating the merits of your proposed program and should be submitted.
2. We note that you propose to make a total of eight (8) surface cuts across the dikes, exposed on the Estes Bell claims Nos. 4, 7, 15, and 20, and on the Hilltop claims Nos. 5, 21, 23, and 24, that will average 125 feet long, 40 feet deep and 20 feet wide. The map submitted with the application showed what we presume to be the location of the dikes you propose to explore, but the application did not describe the geology, extent of the dike, the mineralization, nor furnish any assay values of the exposed mineralization. Therefore, you should supply maps or sketches, drawn to scale, showing the extent of the dike exposures, with sample locations, and locations of proposed cuts, all in relation to the claim boundaries. Certified copies of assay certificates should also be furnished.

R.C.S.

In addition, please give a narrative description of each dike exposure, i. e., length, width, and mineralization as justification for the proposed program.

Four copies of this information should be forwarded in order to process your application with a minimum of delay; two copies should be sent to Mr. W. M. Traver, Executive Officer, DMEA Field Team, Region III, 224 Customhouse Building, Denver, 2, Colorado, and the remaining two copies to this office.

Sincerely yours,

Edward Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FLKnouse:ms 9/18/56
Copy to: Docket
Field Team, Region III
Messrs: JECrawford, 3641
THKiilsgaard, 5224
JOHosted, 3210, GSA
Code 700
Mr. Knouse
Admr. R. File

9/19/56 gla

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

RECEIVED
SEP 18 1956

Date September 18, 1956

DMEA Docket No. 4456
DMEA Contract No.
Commodity Uranium
Name of applicant Storm Mountain Mining Company
Name of property Estes Bell and Hilltop
Location of property Larimer County, Colorado
Estimated cost of project $103,219.00

Memorandum ✓

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Review of Application
(Application, Field Team Report, etc.)

1. Date of subject document: 8/30/56. 2. Date received by reviewer: 9/11/56.

3. Prior reports on this property known to reviewer: Yes [ ], No [x].

4. Prior reports on nearby properties known to reviewer: Yes [ ], No [x].

5. Information available on past production: Yes [ ], No [x].

6. Other pertinent factors known to reviewer: Yes [ ], No [x].

7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location [ ]
   b. Ownership [ ]
   c. Evidence of mineralization [x]
   d. Geology [x]
   e. Proposed exploration method [ ]
   f. Alternate exploration method [ ]
   g. Costs [ ]
   h. _____ [ ]

9. Action advised:
   a. Obtain information from applicant [x]
   b. Refer to Field Team [ ]
   c. Denial [ ]
   d. Agree with Field Team [ ]
   e. Disagree with Field Team [ ]
   f. Suggest alternate plan [ ]
   g. Request another examination [ ]
   h. Approval [ ]
   i. Consult with Mr. _____ at _____ AEC office.

10. Remarks: (Use back of page if necessary)
Project as submitted is a prospecting venture. Mr. Joseph O. Hosted, Washington representative of the Atomic Energy Commission, assisted in the review.

9/12/56 gla

IN REPLY REFER TO:

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

RECEIVED
SEP 12 1956

September 11, 1956

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: W. P. Williams, U. S. Geological Survey

Subject: Review of application, DMEA 4456, Storm Mountain Mining Co., Estes Bell and Hilltop claims, Larimer County, Colorado, (uranium, et al.).

The applicant proposes to explore for uranium, beryllium, manganese, thorium, and rare earths on a property consisting of 44 mining claims in two groups. The work would consist of excavating four trenches on each claim group.

The applicant makes no attempt to answer question no. 4, on MF-103, which asks, among other things, for a geologic description of the area involved. The applicant mentions that the trenches would crosscut some dikes. No assay returns from samples from the property are submitted.

The applicant's property is in the Crystal Mountain pegmatite district; therefore, the chances for discovering large ore bodies do not appear to be good. Many of the considerations concerning DMEA 4385, Phil Mar Oil Co., now pending in the same general vicinity, should apply to this application. The present applicant, incidentally, was connected with the former applicant. DMEA 4148 and 4227 also in Larimer County but under different geologic conditions were denied.

The applicant's estimated costs are exorbitant. Such items as "attorney's fees --- $1,200" have no place in a realistic estimated cost structure.

I recommend that the Field Team be asked to review the application. Unless favorable new developments have recently come to light it appears that the expenditure of the applicant's estimated $103,219 is not warranted at this time.

W. P. Williams

W. P. Williams

September 10, 1956

Mr. Robert Sunshine
515 Majestic Bldg.
Denver, Colorado

Subject: DMEA-4456
Re: Exploration Assistance
Estes Bell & Hilltop Groups

Dear Mr. Sunshine

The receipt of your application dated August 30, 1956 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4456 and referred to the Rare & Misc. Metals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Allen S. Dakan
~~Robert E. Adams~~, Chief
Operations Control and
Statistics Division

60932

September 10, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region III.

DMEA

-4456 Storm Mountain Mining Co.
Estes Bell & Hilltop Groups

Robert E. Adams
~~Allen S. Dakan~~
~~Chief, Operation~~'s Control
~~XXXXXXXXXXXXXX~~
and Statistics Division

U. S. Government Messenger Envelope

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Mr. Williams DMEA	RUN STOP		RUN STOP

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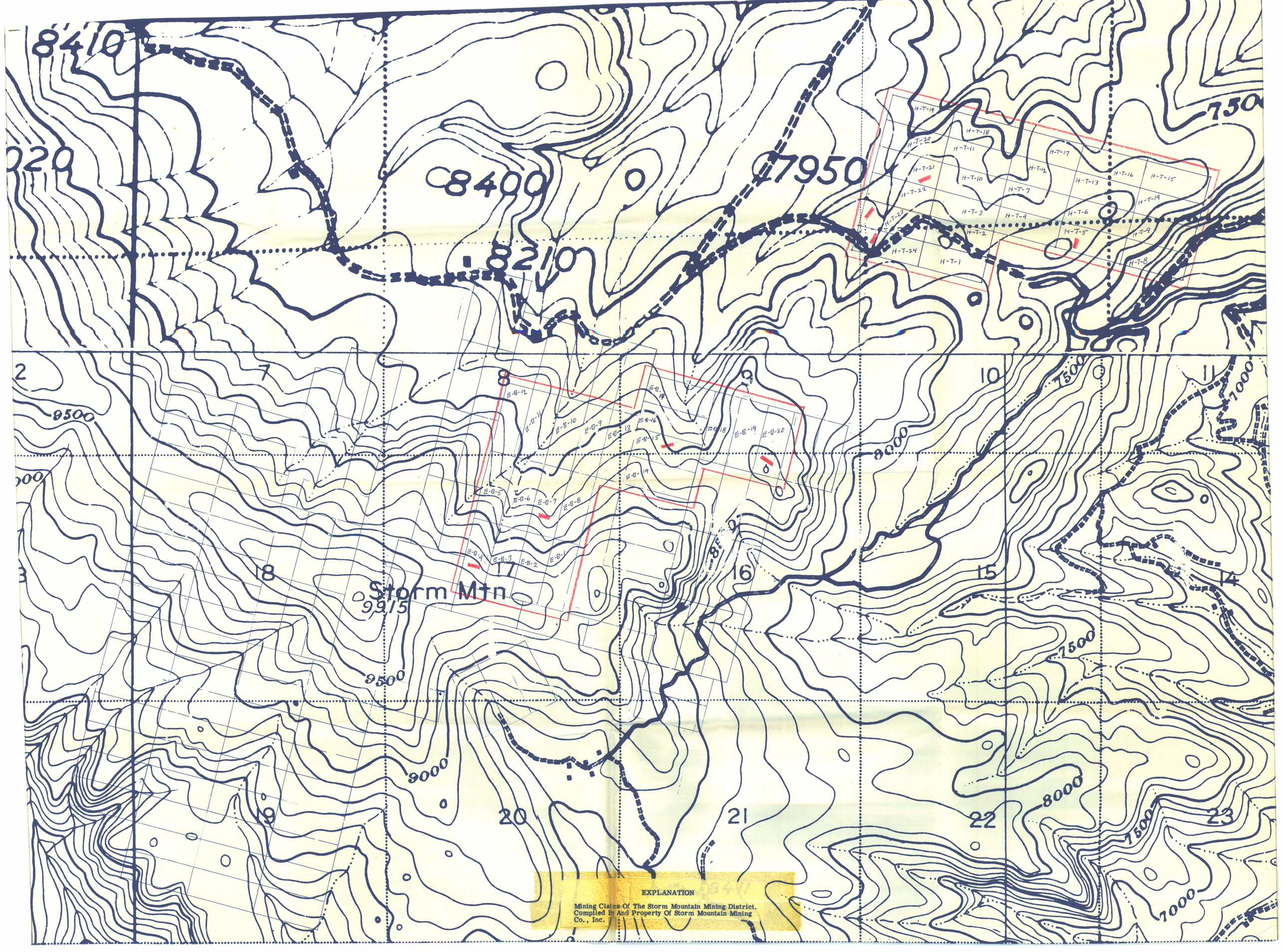

EXPLANATION

Mining Claims Of The Storm Mountain Mining District.
Compiled By And Property Of Storm Mountain Mining Co., Inc.