UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

REPORT OF EXAMINATION BY FIELD TEAM
REGION V

DMA-1882X

Victory No. 1 Pegmatite, Custer District

Custer County, South Dakota

Glen Walker, Mining Engineer
U. S. Bureau of Mines

M. H. Staatz, Geologist
U. S. Geological Survey

July 3, 1951

STRATEGIC MINERALS ADMINISTRATION
Report of Field Examination

by

Glen Walker, Mining Engineer
U. S. Bureau of Mines

M. H. Staatz, Geologist
U. S. Geological Survey

Docket No.: SMA 1686X
Property: Victory No. 1
Applicant: E. L. Reuter
Commodity: Mica, beryl

Conclusions and Recommendations

The project, as outlined by the applicant, is not feasible because the deposit is of insufficient size and mineral character. Strategic minerals in concentrations sufficient to warrant further exploration were not observed.

Exhibit A

This is an irregular, branching perthite-quartz, sillimanite pegmatite in highly folded quartz-mica-sillimanite schist. The deposit strikes N. 55° W., dips 45° to 65° northeast, the outcrop is the dip slope. The pegmatite is 350 feet long, 8 to 10 feet thick, and is explored by a shaft or pit on the southeast side, 30 feet by 10 feet by an unknown depth, due to water. A second pit in the north branch of the deposit, 8 feet by 6 feet by 4 feet, is entirely in the wall zone and shows graphic granite.

The pegmatite is mostly wall zone 5 to 8 feet thick. This zone contains oligoclase (47 percent), quartz (40 percent), sillimanite (20 percent), tourmaline (5 percent), and minor amounts of muscovite, biotite and garnet. The muscovite is in small crystals and is scrap quality. The wall zone is medium to fine grained (1 to 4 inches). No beryl was found.

The vein is one pod 5 feet by 10 feet and consists of quartz, perthite, graphic muscovite, and a little oligoclase.

Although sheet mica and beryl have been reported, facts suggest they were probably found in the shear fold that caused the abrupt change in dip of the deposit near the collar of the shaft.

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

July 30, 1951
Code 370

Memorandum

To: Reports and Records Unit, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1682X, H. L. Hoefert
Commodity: Mica and Beryl
Amount of loan: $5,504.20

Denial recommended because:

1. No sound geologic basis established to warrant exploration.

2. Field Team reports no evidence of concentration of strategic minerals seen sufficient to warrant proposed exploration.

Attachments:

1. Form MF-103, in duplicate with attachments.

2. Report from Field Team, Region V.

James Barr
M. P.
James A. Barr, Sr.

Approved:
Tom Lyon

Director, Supply Division

RWASKEY:mp
cc: Mr. Lyon
Mr. Barr
Field Team, Region V (2)
DMA Files

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

RECEIVED
AUG 6 1951
Minneapolis
Minnesota

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

370

July 30, 1951

Mr. H. L. Hoefert
P. O. Box 244
Custer, South Dakota

Subject: DMA-1642-X

Dear Mr. Hoefert:

Your application for aid for an exploration project on Mica and Beryl deposit located on Victory No. 1 Claim near Custer, South Dakota and docketed as DMA-1642-X, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgment, show definite promise of yielding material of acceptable grade, physical character and specification, in quantities that will significantly improve the mineral supply position for National Defense.

A very careful study of your proposal revealed the following:

1. A sound geologic basis to justify exploration has not been established.

2. An examination of the deposit failed to produce evidence of concentration of strategic minerals sufficient to warrant the proposed work.

Under these circumstances, your application for exploration aid to the extent of 90 per cent of $5,504.20 is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Very truly yours,

Tom Lyon

Tom Lyon
Director, Supply Division

JWaskey:awj

cc:File
Adm. Reading File
Reports & Records Unit
Mr. Lyon
Mr. Barr
Field Report

AUG 6 1951

////////////////
2908 Colfax Avenue South
Minneapolis 8, Minnesota

July 6, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, Interior Building, Washington 25, D. C.

From: Executive Officer - DMA Field Team, Region V

Subject: DMA Dockets 1533-X, 1558-X and 1682-X

Returned are the subject dockets, together with the Field Team report in quadruplicate, on each of the above-mentioned proposals.

You will note that DMA 1533-X and 1682-X were not approved because of geologic reasons.

DMA Docket 1558-X was considered a development project and recommendations for change in proposal were made with the consent of the owner. The new proposal by the Field Team consists of core drilling to indicate continuity and composition of the deposit before further work would be undertaken by the applicant.

Enclosures:
ABNeedham:mlc
cc: Reg.Dir-Reg.V
Mining Div-Reg.V
df
Files

A. B. Needham

C O P Y C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Mines
Rapid City Field Office-
School of Mines Campus
Rapid City, South Dakota

July 3, 1951

Memorandum:

To: A. B. Needham, Executive Officer, DMA Field Team, Reg. V

From: Supervising Engineer, Rapid City Field Office

Subject: Exploration Projects: 1558X, 1682X, and 1533X

Enclosed are the subject applications, together with five copies each of the respective reports by examining engineers.

I presume that some day copies of these applications, together with the supporting papers, will be available for our files. I am retaining one copy of each report.

If we are to obtain subordinating agreements from owners and others, we will need a supply of Form MF-201.

/s/ D. H. Mullen
D. H. Mullen

cc: Reg. Director, Reg.V
files

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

File

JUN 27 1951

Mr. A.B. Needham
2908 Colfax Ave. So.
Minneapolis 8, Minn.

Dear Sir:

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

Applicant Mr. H.L. Hoefert, P.O. Box 244, Custer, So. Dak.

Docket No. DMA-1682X

Commodity Mica-Beryl

Amount $

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

Very truly yours,

Tom Lyon

Tom Lyon, Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Edwin T. McKnight
For Geological Survey

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

[illegible] 2, 1951

Mr. H.L. Hoefert
[illegible] Club
Custer, S.Dak.

Subject: DMA-1[illegible]
Misc-Per 1

Dear Mr. Hoefert:

Your application has been referred to Mr. A.L. [illegible], 20[illegible] Colfax Ave. S., [illegible]pls, Minn., Executive Officer of the Field Team, Region [illegible], for further information.

Sincerely yours,

James Barr

[illegible], Director
[illegible] Division

RW:mas

cc: Administrator's reading File
Mr. Strobel
Field Team
Mr. Barr
DMA Files

Rapid City Field Office
School of Mines Campus
Rapid City, South Dakota

June 6, 1951

Mr. K. L. Neefert
P. O. Box 284
Custer, South Dakota

Dear Mr. Neefert:

Enclosed is a copy of your application for government assistance in prospecting your Victory No. 1 pegmatite.

Very truly yours,

Glen Walker
Mining Engineer

GWlas

Enc. 1

cc: Needham ✓
files

JUN 8 1951

RECEIVED
JUN 8 1951
DIST. OF INTERIOR
BUREAU OF MINES
MINNEAPOLIS, MINN.
REGION V

Bureau of Mines
MAY 28 1951

Rapid City Field Office
School of Mines Campus
Rapid City, South Dakota

May 25, 1951

Mr. M. L. Heefert
P. O. Box 244
Custer, South Dakota

Dear Mr. Heefert:

With reference to your request May 18 and our reply, that did not include the application blanks; be advised they are enclosed with this letter.

It was an oversight on our part for which I am very sorry.

Very truly yours,

Glen Walker
Mining Engineer

GW:vs

cc: Reg. Director, Reg. V
Needham ✓
files

RECEIVED
MAY 28 1951
DEPT. OF INTERIOR
BUREAU OF MINES
MINNEAPOLIS, MINN.
REGION V

Rapid City Field Office
School of Mines Campus
Rapid City, South Dakota

May 18, 1951

Mr. H. L. Hoefert
P. O. Box 244
Custer, South Dakota

Dear Mr. Hoefert:

In regard to your request of May11, which was received today, enclosed are the required four copies of MF-103 and one of MO-5, it explains government assistance to prospectors of strategic minerals.

Should any difficulty be encountered in filling out MF-103 please feel free to call upon this office. In that regard it may be suggested an effort be made to include a map of the property showing location and size of deposit (strike and dip), former excavations both surface and underground, geology if available and the location and extent of work proposed in the application.

Very truly yours,

Glen Walker
Mining Engineer

GW:ag

cc: Reg. Director, Reg. V
Needham
files

Bureau of Mines
DEPARTMENT OF THE INTERIOR
RECEIVED
MAY 21 1951
Minneapolis
Minn.
MAY 21

2908 Colfax Avenue South
Minneapolis 8, Minnesota

June 1, 1951

Memorandum:

To: D. H. Mullen, Supervising Engineer, Bureau of Mines, Region V, School of Mines Campus, Rapid City, South Dakota

From: Executive Officer - DMA Field Team, Region V

Subject: Exploration Application - H. L. Hoefert

Enclosed are four copies of an application for exploration aid from H. L. Hoefert and wife, Box 244, Custer, South Dakota, which I wish you would have Glen take up with Mr. Hoefert and see if you cannot get it into better shape for presentation to Washington.

I realize there will be lots of applications sent direct to Washington which will be just like this one, but when we do have the opportunity to revise them into more acceptable form, I believe we should - more for the applicant's benefit, so they will be received with more consideration than otherwise.

When it is revised it can be sent direct to D.M.A., Interior Building, Washington 25, D. C.

Enclosures:
ABNeedham:mlc
cc: Reg.Dir-Reg.V
Mining Div-Reg.V
df
Files

A. B. Needham