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

370

AUG 17 1951

Memorandum

To: Reports and Records Unit, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1814X, Rodney Wineteer
Commodities: Mica, beryl, columbo-tantalite
Amount of loan: $2,000.00

Denial recommended because:

1. Data submitted and Field Team examination failed to produce evidence of strategic mineral in significant amounts.

2. The deposits are too small to justify any substantial expenditure.

Attached:

1. Form MF-103, in duplicate with attachments
2. Field Report, Region V
3. Review of application for exploration assistance
4. Letter dated July 19, 1951

SIGNED

James A. Barr, Sr.

Approved:

Tom Lyon

Director, Supply Division

RWASKEY:MP
8/14/51
cc: Field Team, Region V (2)
Mr. Lyon
Mr. Barr
210
DMA Files

Bureau of Mines
DEPARTMENT OF THE INTERIOR
RECEIVED
AUG 20 1951
Minneapolis
Mining

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

370

AUG 17 1951

Mr. Rodney Wineteer
Custer
South Dakota

Re: DMA-1814X
Mica, Beryl, Columbo-tantalite

Dear Mr. Wineteer:

Your application for aid for an exploration project on Mica, Beryl and Columbo-tantalite deposits located near Custer, South Dakota, and docketed as DMA-1814X, 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 specifications, in quantities that will significantly improve the mineral supply position for National Defense.

A very careful study of your proposal, including examination by DMA Field Team, revealed the following:

1. A sound geologic basis for expecting to encounter significant amounts of strategic grade mineral in the deposit, has not been established.

2. The deposits are of such limited extent that substantial expenditures for exploration does not appear justified.

Under these circumstances, your application for exploration aid to the extent of 90% of $2,000 is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Unless we receive a request within 30 days, we will consider the case closed.

Sincerely yours,

Tom Lyon

Tom Lyon, Director
Supply Division

JABARR:mp
8/15/51
cc: 210
Mr. Barr
Mr. Lyon
DMA Files Field Team, Region V (2)

Bureau of Mines
DEPARTMENT OF THE INTERIOR
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AUG 20 1951
Minneapolis
Mining

2906 Colfax Avenue South
Minneapolis 8, Minnesota
Region V

August 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 Docket 1812-X - Carl Wiehe and B. A. Oira - Tanner Pegmatite, Pringle District
DMA Docket 1814-X - Rodney Wimeteer - Wayside Claim, Custer District

Returned herewith are the application, review of application, and four copies of the Field Team report for DMA Docket No. 1812-X, Tanner Pegmatite, Custer County, South Dakota, recommending modified exploration.

Also returned are the application, review of application, and four copies of the Field Team report for DMA Docket No. 1814-X, Wayside Claim, Custer County, South Dakota, denying the application.

Enclosures:
ABNeedham:mlc
cc: Reg.Dire-Reg.V
df
Files

A. B. Needham

O F F I C E*M E M O R A N D U M - UNITED STATES GOVERNMENT

TO: A. B. Needham, Executive Officer
DMA Field Team, Region V

Date: August 3, 1951

FROM: Supervising Engineer, Rapid City Field Office

SUBJECT: DMA Dockets Nos. 1814X, Wayside Claim, and 1812X, Tanner Lode

Enclosed are six copies each of the field team reports on the subject exploration applications, together with maps and the applications.

cc: Reg. Director, Reg. V
Files

D. H. Mullen

C O P Y

C O P Y

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

August 3, 1951

Mr. J. A. Redden, Geologist
U. S. Geological Survey
Custer, South Dakota

Dear Jack:

Enclosed are copies of the joint field team reports on DMA Dockets Nos. 1814X, Wayside Claim, and 1812X, Tanner Lode, for your files.

D. H. Mullen

Attachments

cc: Needham
Files

XXXXXXXXXXXXXX
2908 Colfax Avenue South
Minneapolis 9, Minnesota
Region V

July 26, 1951

Memorandum

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

From: Executive Officer - DMA Field Team, Region V

Subject: DMA Docket 1813-X - Francis Michaud & Louis Stratton
DMA Docket 1814-X - Rodney Winsteer
DMA Docket 1266-X - L. A. Sears

Enclosed herewith are the subject applications from Francis Michaud and Louis Stratton, Rodney Winsteer, and L. A. Sears, respectively.

The questions to be answered on each application are contained in reference points raised in an attached "Review" of each property.

Walter L. Lewis
for A. L. Needham

Enclosures:
WLLewis:ala
cc. Reg.Dir-Reg.V
Mining Div-Reg.V
df
Files

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

JUL 23 1951

Mr. A. B. Needham
2908 Colfax Ave. So
Minneapolis 8
Minnesota

Dear Sir:

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

Applicant Rodney Wineteer, Custer South Dakota

Docket No. DMA 1814-X

Commodity Strategic mica, beryl and columbium-tantalum

Amount $ 2,000

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

Olof T. Ross
For Geological Survey

Bureau of Mines
DEPARTMENT OF THE INTERIOR
RECEIVED
JUL 26 1951
Minneapolis
Mining

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

BUREAU OF MINES ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
BEDEDE V

[illegible]

[illegible] Claim, [illegible] District

[illegible], South Dakota

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

J. A. [illegible], Geologist
U. S. Geological Survey

August 5, 1952

DEFENSE MINERALS ADMINISTRATION
Report of Field Examination

by

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

J. A. Robbins, Geologist
U. S. Geological Survey

Project No.: [illegible]
Property: [illegible]
Applicant: R. [illegible]
Commodity: Mica, beryl, columbite-tantalite

Conclusions and Recommendations

It is recommended that the applicant's proposal for exploration of this deposit be denied. The size, mineral content, and topography of the deposit obviate any further expenditure for exploration.

The pegmatite is about 150 feet long; it trends N. 70° E. and dips 60° NW. The ~~+~~ footwall was covered by snow; therefore, the thickness of the deposit could not be measured, but a previous geologic report states it is about 8 feet thick. A mica seam along the hanging wall, 8 to 12 inches wide, contains muscovite and biotite crystals averaging 4 inches in diameter. The cuhdgar has graphic intergrowths of quartz. No beryl was noted. This dike dips across a low ridge on the south flank of Gunter Mountains. The topography limits the application of an open cut method of mining, and the size of the deposit is insufficient for an underground operation.

The northernmost pegmatite has one prospect pit and a small open cut 20 feet long, 8 feet wide, and 5 feet deep. These workings are located on opposite ends of the pegmatite which strikes N. 70° E. and dips 60° NW. The pegmatite is concealed for a distance of about

60 feet between the workings, but is considered to extend through for the full distance. The footwall is concealed by muck, but it is almost certain that the true thickness of the pegmatite is less than 5 feet.

The pegmatite is evidently zoned and has a 6- to 18-inch thick wall zone on the hanging wall. This zone is rich in muscovite books that are as much as 6 inches in diameter. Probably 20 percent of the total wall zone is muscovite. The interior of the pegmatite is chiefly perthite and quartz, and contains considerably less muscovite.

Much of the mica is cracked and rewed, or is air stained. It appears that very little mica of sheet quality is present, and except for a small quantity of perthite, no other commercial minerals are present.

The second pegmatite is located 300 to 400 feet to the southwest and has two small prospect pits exposing the body. It is apparently a thin, flat-lying pegmatite and no significant quantities of commercial minerals were observed.