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

DMA

370

October 5, 1951

Memorandum

To: Reports and Records Unit, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA 1611-X. Commodity: Tantalite, beryl, mica, etc.
Russell A. Funk, Detroit, Michigan
Amount: $50,000

Denial recommended because:

1. The deposits have been exposed by trenches, pits and shafts and a small production has been obtained; need for and justification of additional exploration work has not been demonstrated.

2. DMA Field examination and previous USGS examination results indicate little likelihood that the deposits might yield more than minor amounts of strategic minerals.

Attached:

1. Form MF-103 with additional information
2. Review of Application for Exploration Assistance
3. Memo. from Field Team, Region IV, with copy of geologic report by Mr. Truman H. Kuhn

James A. Barr, Sr.

Approved:

SIGNED

Director, Supply Division

RWASKEY:esf
10/1/51
cc: Field Team, Region IV (2)
Mr. Lyon
Mr. Barr
DMA Docket File

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

370

Mr. Russell A. Funk
4869 Bedford Road
Detroit 24, Michigan

OCT 5 1951

Subject: DMA 1611-X
Tantalite, beryl, mica, etc

Dear Mr. Funk:

Your application for aid for an exploration project on beryl, tantalite, mica, etc., deposits located in Albany County, Wyoming, and docketed as DMA 1611-X has been reviewed by this office.

Exploration projects as defined in MO-5, Regulations Governing Government Aid in Defense Exploration Projects, must be confined to work necessary to search for unknown or undeveloped sources of strategic minerals; the work must be confined to a reasonable delineation and sampling of the ore and may not include work prosecuted primarily for mining or preparation for mining.

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. The deposits have been exposed and prospected by means of trenches, pits and shafts, and a small production of mica, beryl and tantalite has been obtained. Need for aid and justification of additional exploration work have not been demonstrated.

2. Data obtained by the examining geologist and by previous U. S. Geological Survey inspections indicate little likelihood of the deposits yielding more than minor amounts of strategic minerals.

Under these circumstances, your application for exploration aid to the extent of 90% of $50,000 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.

LOM

Sincerely yours,

SIGNED

Tom Lyon, Director
Supply Division

RWASKEY:esf
10/1/51
cc: Field Team Region IV (2)
DMA Docket File
Mr. Lyon
Mr. Barr

254 New Customhouse
Denver 2, Colorado

Air Mail

September 25, 1951

Memorandum

To: Executive Secretary, Defense Minerals Administration

From: [illegible] Field Team, Region IV

Subject: Final Report, DMA Docket 1611-2, Muscovite, Iona, Opal, and Red Star Claims, Lonpark Area, Albany County, Wyoming

Enclosed herewith are the original and two copies of the report on the subject docket.

We concur with the conclusions and recommendations of the examining team that the exploration loan of $50,000 be denied.

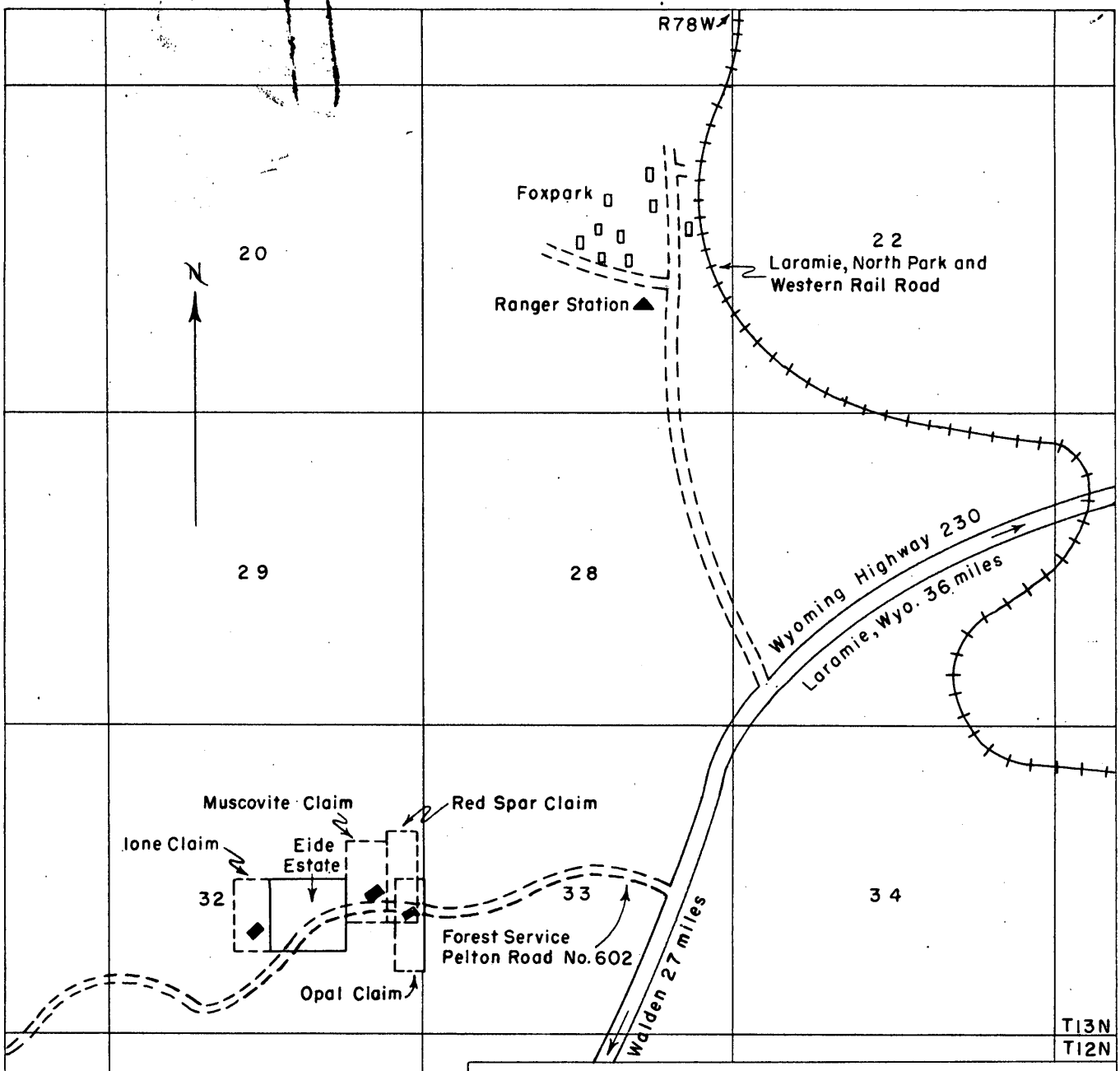
The brochure is enclosed.

F. H. East, Jr.

A. H. Koschmann

Enclosures

WDM:oj
cc: Subject and Chron. (DMA)



Pits and trenches in pegmatite

SCALE

0 1 MI.

Department of Interior
U.S. GEOLOGICAL SURVEY

Sketch Map showing Location of MUSCOVITE, IONE, OPAL and RED SPAR CLAIMS Albany County, Wyoming

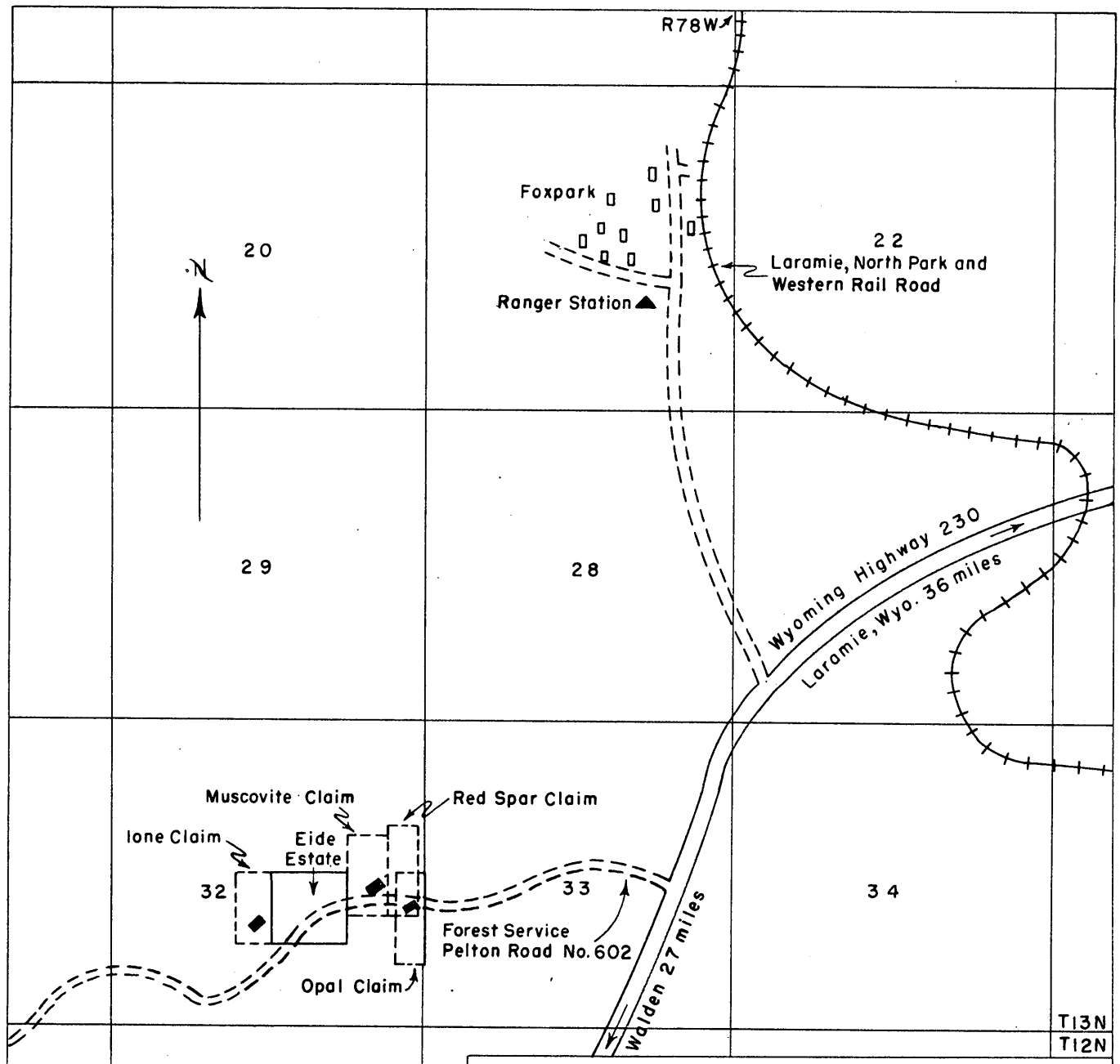
DMA Docket 1611X

August 1951 Truman H. Kuhn

From Forest Service Base Map. Approximate location of claims from sketch furnished by R.A. Funk.

Note: Location of Red Spar Claim, as given by R.A. Funk does not correspond to posted location description.

Muscovite Claim has been described as Many Values Prospect in U.S.G.S. Prof. Paper 227, pp. 107–8.



Pits and trenches in pegmatite

SCALE

0 1 MI.

Department of Interior
U.S. GEOLOGICAL SURVEY

Sketch Map showing Location of
MUSCOVITE, IONE, OPAL and RED SPAR CLAIMS
Albany County, Wyoming

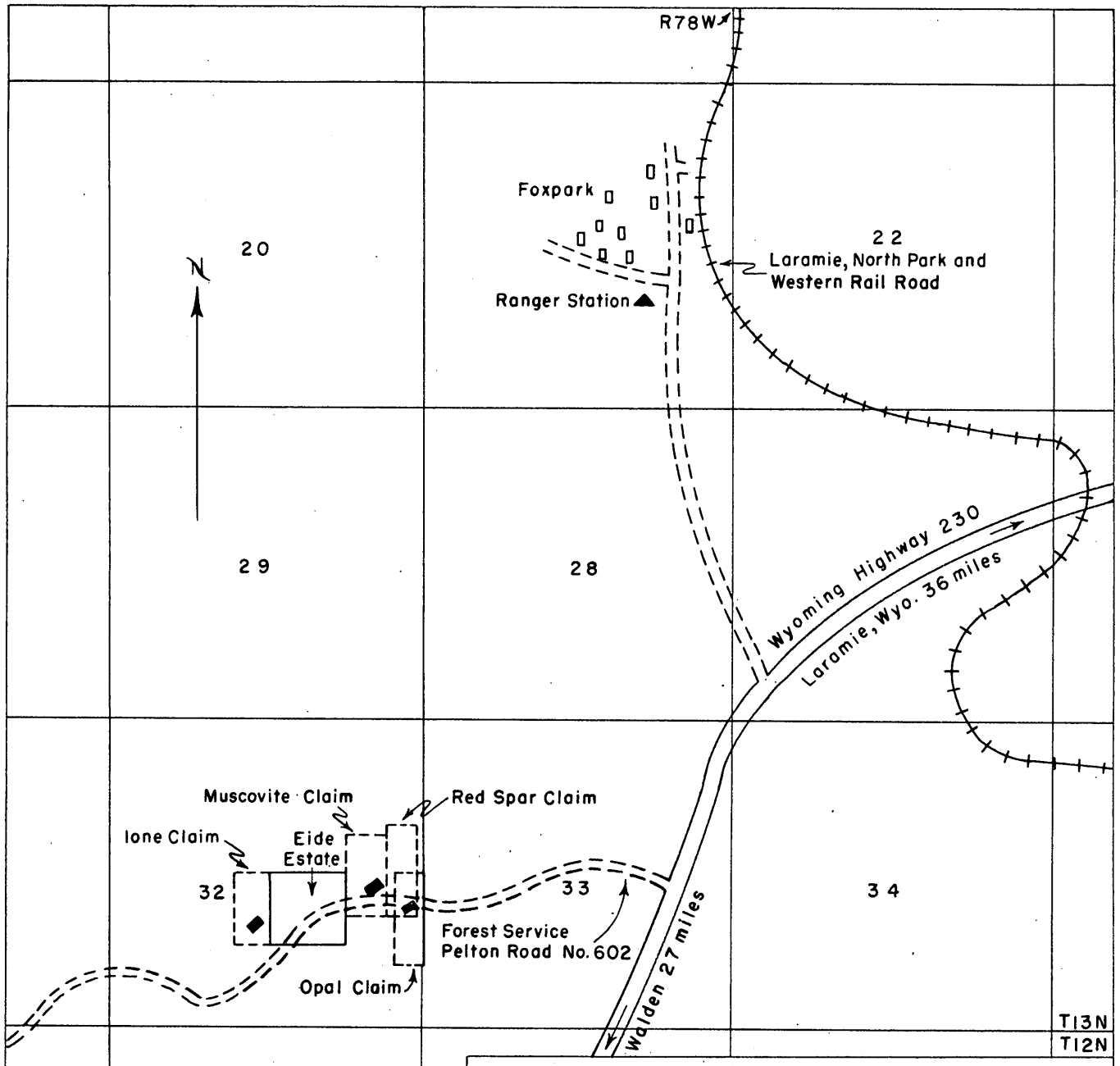
DMA Docket 1611X

August 1951 Truman H. Kuhn

From Forest Service Base Map. Approximate location of claims from sketch furnished by R. A. Funk.

Note: Location of Red Spar Claim, as given by R. A. Funk does not correspond to posted location description.

Muscovite Claim has been described as Many Values Prospect in U.S.G.S. Prof. Paper 227, pp. 107–8.



Pits and trenches in pegmatite

SCALE

0 1 MI.

Department of Interior
U.S. GEOLOGICAL SURVEY

Sketch Map showing Location of
MUSCOVITE, IONE, OPAL and RED SPAR CLAIMS
Albany County, Wyoming

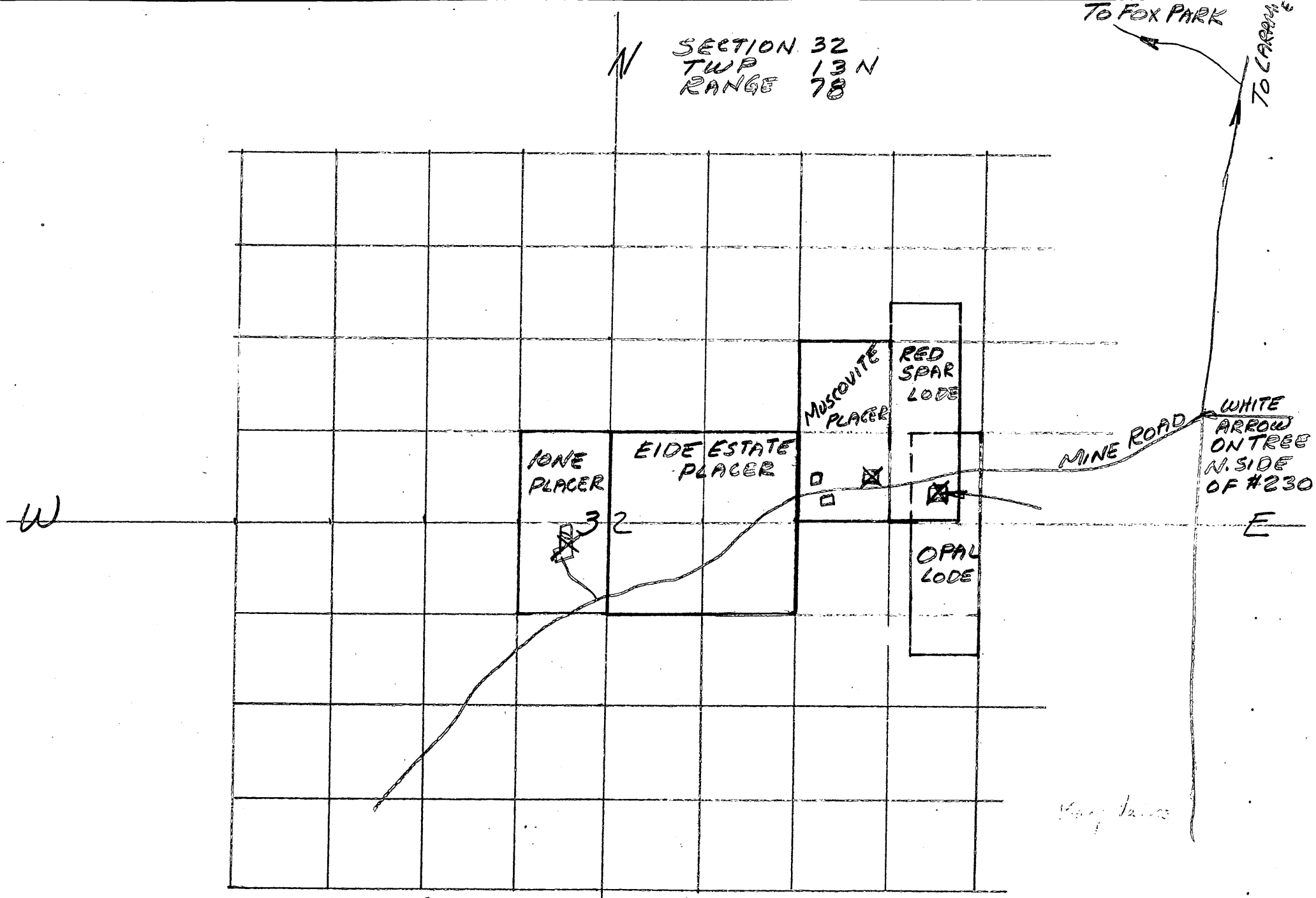
DMA Docket 1611X

August 1951 Truman H. Kuhn

From Forest Service Base Map. Approximate location of claims from sketch furnished by R.A. Funk.

Note: Location of Red Spar Claim, as given by R.A. Funk does not correspond to posted location description.

Muscovite Claim has been described as Many Values Prospect in U.S.G.S. Prof. Paper 227, pp.107-8.



DESCRIPTION OF IONE CLAIM
E½, NE¼, SW¼ - SEC. 32 TWP 13N
RANGE 78 - 6TH PRIN. MERIDIAN

S

[X] MARKS WHERE ASSESSMENT WORK HAS BEEN DONE ON EACH CLAIM.
IONE CLAIM WHERE MOST TANTALUM WAS FOUND

4869 Bedford Road
Detroit 24, Michigan

August 16, 1951

Mr. Truman H. Kuhn
26 Mines Park
Golden, Colorado

Dear Mr. Kuhn:

Receipt of your letter of August 13th is herewith acknowledged.

If you will contact the Forest Ranger at Fox Park, he will undoubtedly be able to locate the claims in question.

However, am enclosing another sketch which may aid you further.

To my knowledge there is no other person near the location of the claims except the Ranger, who would be able to help you.

Yours very truly,

R. A. Funk

R. A. Funk

RAF/kf
Encl.

Mineral Deposits Branch
Building 2-B
Denver Federal Center
Denver, Colo.

Air Mail

August 13, 1951

Mr. Russell A. Funk
4969 Bedford Road
Detroit 24, Michigan

Dear Mr. Funk:

Recently your RMA loan application was turned over to me for a field examination. I am leaving Denver Monday, August 20, on an inspection trip and plan to be at Laramie on either Wednesday or Thursday of that week to visit your pegmatite deposit.

Your location map seems complete and I believe that I can find your property without help. However, if you wish to have someone show me the deposit, could you please send me his address either to (Truman H. Kuhn), U. S. Geological Survey, Mineral Deposits Branch, Building 2-B, Denver Federal Center, Denver, Colorado, or to my home address: 24 Miner Park, Golden, Colorado.

Very truly yours,

Truman H. Kuhn

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

June 25, 1951

Russell A. Funk
Fort Wayne Hotel
Detroit, Michigan

Subject: DMA-1611X; Beryl, Tantalum, Mica

Dear Mr. Funk:

Your application is being referred to Mr. J.H. Dast, Jr., 224 New Customhouse Building, Denver 2, Colorado, Executive Officer of the Field Team, Region IV, for further information.

Sincerely yours,

Tom Lyon, Director
Supply Division

RW:mas

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICE OF
REGIONAL DIRECTOR

REGION IV

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

July 27, 1951

Memorandum

To: A. H. Koschmann (with brochure)

S. R. Wilson

(Through Chief, Mining Division)

From: DMA Field Team, Region IV

Subject: DMA Docket 1611X, Russell A. Funk, Red Spar and Opal, Beryl, Tantalum, Mica Claims, Albany County, Wyoming

Enclosed herewith is the above brochure relating to an exploration project for beryl, tantalum and mica at an estimated cost of $50,000.

The geological probability of discovery of sufficient ore to justify government participation requires field examination. If a project appears warranted, engineering studies on methods and costs will be required. Please inform the Mining Division, Region IV, of your conclusions.

J. H. East, Jr.

J. H. East, Jr.

A. H. Koschmann

A. H. Koschmann

Enclosure

4869 Bedford
Detroit 24 Mich.
Aug. 5, 1951

Mr. J. A. East, Jr. Executive Officer
Region IV Bureau of Mines
Denver, 2, Colorado.

Dear Mr. East:
Referring to your letter of 7-27-51 acknowledging receipt of enclosure from DMA Docket 1611X that I forwarded to you July 27th.
This enclosure did not come from Mr. Allsman's Office. It was mailed direct to me from your main Office in Washington about a month ago. Couldn't understand why it was sent to me, at the time, but thought it was an extra copy. Some-one in Washington Office mistakenly sent it to me instead of your Office in Denver.
Trusting that this information removes the mystery of the document that had gone astray, I am

Very Sincerely Yours
R. C. Frank.

REGIONAL DIRECTOR'S
OFFICE
REGION IV
AUG 8 1951
BUREAU OF MINES
DENVER, COLORADO

July 27, 1951

Memorandum

To: A. H. Koschmann (with brochure)

S. R. Wilson

(Through Chief, Mining Division)

From: DMA Field Team, Region IV

Subject: DMA Docket 1611X, Russell A. Funk, Red Spur and Opal, Beryl, Tantalum, Mica Claims, Albany County, Wyoming

Enclosed herewith is the above brochure relating to an exploration project for beryl, tantalum and mica at an estimated cost of $50,000.

The geological probability of discovery of sufficient ore to justify government participation requires field examination. If a project appears warranted, engineering studies on methods and costs will be required. Please inform the Mining Division, Region IV, of your conclusions.

J. H. Keel, Jr.

A. H. Koschmann

A. H. Koschmann

Enclosure

Ed

cc: DMA
Koschmann

July 27, 1951

Mr. R. A. Funk
4869 Bedford
Detroit 24, Michigan

Dear Mr. Funk:

This will acknowledge with thanks your letter of July 24, relating to DMA Docket 16111, with the enclosure from the Coordinating Committee. It is a mystery to us how this was enclosed in Mr. Allaman's letter of July 25. We appreciate your returning it, as this is the only copy sent from Washington.

Your application is being referred to the field for examination in the near future.

Yours very truly,

J. H. East, Jr.
Executive Officer
DMA Field Team, Region IV

ld

cc: DMA

478

Mining Division
Date Rec'd.

JUL 26 1951

BUREAU OF MINES
Denver, Colorado

4869 Bedford Road
Detroit 24, Michigan

July 24, 1951

Mr. Paul T. Allsman
Chief, Mining Division
United States Department of Interior
Bureau of Mines
224 New Customhouse
Denver 2, Colorado

Dear Mr. Allsman:

Your letter of July 11th arrived yesterday, regarding exploration work in Albany County Wyoming.

At first we could not understand what had happened to the original application mailed to Mr. East, May 30, 1951 who in turn sent it to Washington.

On July 27th a copy of the original application plus notations from Washington office, Docket # DMA-1611X was received here, which prompted the writer to dispatch the letter to Mr. East on June 28th.

Now, it appears as if the secretary mailed to me, the file that should have gone to Mr. East's office.

Please be advised that the form MF-103 necessary to initiate a field examination is enclosed. Also please advise whether or not Mr. East's office received a duplicate of this file we are now enclosing.

Trusting that this information will clarify the matter and that the field examination be started as quickly as possible.

Thanking you for your cooperation, we are,

Very truly yours,

Russell A. Frunk

Encl.

RAF/kf

Mining Division
Region IV

July 25, 1951

Mr. R. A. Funk
4869 Bedford
Detroit 24, Michigan

Dear Mr. Funk:

This will acknowledge the notice of change in address sent us under date of July 19, 1951. This will be used if we have occasion to contact you.

Sincerely yours,

Paul T. Allaman
Chief, Mining Division

PTA:oj

cc: DMA Files - Subject and Chronological

DMA

July 19, 1951
Detroit, Mich.

Dear Mr. East:
Please be advised of change of address from Fort Wayne Hotel, Detroit to:

4869 BEDFORD
DETROIT-24-MICH.

Very truly
R. Funk.

REF. DOCKET # DMA-1611X

REGIONAL DIRECTOR'S
OFFICE
REGI IV
JUL 23 1951
BUREAU OF MINES
DENVER, COLORADO

DETROIT, MICH.
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FEST

THIS SIDE OF CARD IS FOR ADDRESS

Mr. J. H. East, Jr.
224 New Customhouse Bldg.
Denver 2, Colo.

Mining Division
Region IV

July 11, 1951

Mr. R. A. Funk
Hotel Fort Wayne
Detroit 1, Michigan

Dear Mr. Funk:

Your letter of June 28, 1951 to Mr. East concerning exploration on tantalum occurrences in Albany County, Wyoming has been referred to me for reply.

Before any field examination can be made, it will be necessary for you to initiate a request by filling out Forms MF-103, stating specifically the amount of work you propose to do and the estimated costs. In order to do this, we are enclosing 5 copies of Form MF-103, 1 copy of Form MO-5, and a Press Release describing the government exploration program. This application should be complete and specific in its proposals. After completion, please send the forms to Mr. J. H. East, Jr., Regional Director, Region IV, 224 New Customhouse, Denver, Colorado.

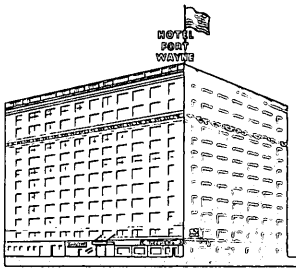
Sincerely yours,

Paul T. Allsman
Chief, Mining Division, Region IV

Enclosures

cc: Chron.
Sub.

Telephone TEmple 1-8600



HOTEL FORT WAYNE

DETROIT'S NEW FINE HOTEL ☆ 300 ROOMS WITH BATH

Detroit — June 28, 1951

Mr. J. N. East, Jr.
Denver, Colorado

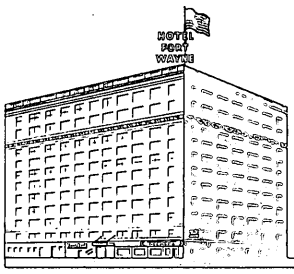
Dear Mr. East:

Have just received a communication from Mr. Tom Lyon, Chairman of the Co-ordinating Committee in regard to my application for Government assistance for exploration and development for strategic minerals in Albany County, Wyoming.

Last spring, it was my pleasure to have a graduate geologist with a Master's degree and a number of years of practical field experience, up at these claims in Wyoming. He was especially interested in the zone claim where we had located several hundred pounds of Tantalum.

CASS AVENUE AT TEMPLE ☆ DETROIT 1, MICHIGAN

Telephone TEmple 1-8600



HOTEL FORT WAYNE

DETROIT'S NEW FINE HOTEL ☆ 300 ROOMS WITH BATH

After several days study and prodding thru the material thrown out of the cut he suggested that he would be very interested in diamond drilling especially on the Lone Claim, but remarked that the Muscovite placer and Red Spar & Opal also appeared to have good possibilities.

A number of carloads of mica were mined from the Muscovite Claim which had not been fully explored because of a lawsuit between my brother and a lessee which had only been settled a short time before my brother passed on in Jan. 1948.

It is my sincere wish that your field team will

Telephone TEmple 1-8600

☆

HOTEL FORT WAYNE

DETROIT'S NEW, FINE HOTEL ☆ 300 ROOMS WITH BATH

3

investigate thoroughly the possibilities of diamond drilling in that area because of small samples of carnotite & tantalum taken from both zone & muscovite claims.

Very truly yours,

R. C. Funk.

CASS AVENUE AT TEMPLE ☆ DETROIT 1, MICHIGAN

June 4, 1951

Mr. Russell A. Funk
Fort Wayne Hotel
Detroit, Michigan

Dear Mr. Funk:

This will acknowledge receipt of your application forms MF-103, which have been forwarded to the Defense Minerals Administration in Washington, D. C. for consideration.

Sincerely yours,

J. H. East, Jr.

J. H. East, Jr.
Regional Director

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

221 New Customhouse
Denver 2, Colorado

Air Mail

September 25, 1951

Memorandum

To: Executive Secretary, Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: Final Report, DMA Docket 1611-X, Muscovite, Iona, Opal, and Red Spar Claims, Foxpark Area, Albany County, Wyoming

Enclosed herewith are the original and two copies of the report on the subject docket.

We concur with the conclusions and recommendations of the examining team that the exploration loan of $50,000 be denied.

The brochure is enclosed.

J. H. East, Jr.

J. H. East, Jr.

A. H. Koschmann

A. H. Koschmann

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Defense Minerals Administration
200 New Customhouse
Denver 2, Colorado

September 21, 1951

Memorandum

To: DMA Field Team, Region IV

From: A. H. Koschmann

Subject: DMA Docket 1611X, Muscovite, Ione, Opal, and Red Spar Claims, Foxpark Area, Albany County, Wyoming

Attached are 8 copies of a geologic report by Truman H. Kuhn covering subject property. The three pegmatite bodies on the property have been exposed and prospected by means of trenches, pits, and shafts. A small production of mica, beryl, and tantalite has come from one of the pegmatite dikes, but no appreciable amounts have been reported from the other two. Since very little additional information can be expected from further exploration and since inferred reserves and grade of strategic mica, beryl, and tantalite are low, Mr. Kuhn recommends that this exploration loan be denied.

I concur with his recommendation.

Attached also is the brochure.

A. H. Koschmann
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Attachments (10)

MUSCOVITE, IONE, OPAL, AND RED SPAR CLAIMS

FOXPARK AREA

ALBANY COUNTY, WYOMING

DMA DOCKET 1611X

Geologic Report

By Truman H. Kuhn, Geologist
U. S. Geological Survey

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MUSCOVITE, IONE, OPAL, AND RED SPAR CLAIMS
FOXPARK AREA
ALBANY COUNTY, WYOMING

INTRODUCTION

The patented Muscovite and unpatented Ione, Opal, and Red Spar claims in Albany County, Wyoming, are owned by Russell A. Funk, 4869 Bedford Road, Detroit 24, Michigan. Mr. Funk has applied for a loan of $50,000.00 (DMA Docket 1611X) to further explore these pegmatite deposits for strategic mica, beryl, tantalite, and carnotite.

The four claims were examined on August 23 and 24, 1951.

The group is located at an elevation of approximately 9150 feet, near the summit of the Medicine Bow Mountains, in section 32, T. 13 N., R. 78 W., sixth principal meridian. The property is approximately 35 airline miles southwest of Laramie, Wyoming, and about 2½ airline miles southwest of the Foxpark Ranger Station, Wyoming.

Forest Service Pelton Road No. 602, which joins Wyoming State Highway 230 at a point 1 mile southwest of the road to Foxpark, provides access to the claims. The dirt road crosses the Opal, Red Spar, and Muscovite claims and passes just south of the Ione claim. The approximate claim locations are shown on the accompanying sketch map.

Workings on two of the claims, Muscovite and Ione, are described by Hanley, Heinrich, and Page in Pegmatite Investigations in Colorado, Wyoming, and Utah, 1942-1944: U. S. Geological Survey Professional Paper 227, pages 107-108, 1950. The deposit described in the Professional Paper as the Many Values Prospect is the pegmatite referred to in this report as the Muscovite claim.

GENERAL GEOLOGY

Three, more or less, parallel pegmatite bodies have been explored by pits and trenches on the four claims owned by Russell A. Funk. They occur in pre-Cambrian, tourmalinized mica schists and gneisses. The pegmatites are composed of quartz and muscovite with varying amounts of albite and microcline. Minor quantities of garnet, tourmaline, beryl, and tantalite have been found in these deposits.

MUSCOVITE CLAIM (MANY VALUES PROSPECT)

On the Muscovite claim, a pegmatite, trending N. 50° E. and dipping 85° N.W., is exposed for a length of 140 feet and a width of 15 feet. The workings in the prospect include two timbered shafts and two trenches totaling 120 feet in length. The trenches average 10 feet in width and 10 feet in depth. The shafts are now filled with water and the trenches partly filled with debris.

Because of the limited exposures, Hanley and Page mapped the pegmatite as a single unit of albite-quartz-muscovite pegmatite. It is composed mainly of albite, quartz, and muscovite with minor quantities of garnet, tourmaline, beryl, tantalite, and fergusonite (?). Albite occurs as blocky white to gray crystals, as white to pink cleavelandite, and as a fine-grained white aggregate.

A small dark green crystal found in a muscovite book was identified by John W. Adams, geologist for the Mineral Deposits Reconnaissance Group, U. S. Geological Survey, as spinel, possibly zinc-bearing gahnite.

Muscovite

Muscovite occurs abundantly in the pegmatite in books that commonly are ruled and show "A" structure. The mica is light green, highly speckled with magnetite and stained by other iron oxides. The largest book observed was 4 inches by 5 inches; however, Hanley and Page report a book 13 inches wide by 16 inches long.

Beryl

No beryl was seen in place in any of the workings. Hanley and Page found some pale green and white beryl in the debris in the bottom of one of the trenches. The indices of refraction indicate a low alkali content.

Tantalite

A few masses and crystals of tantalite were found in place and in the debris in the trenches. The masses and crystals are small and very impure.

Carnotite

No carnotite was found and no significant radioactivity was detected.

Production

According to court records made when the ownership was in dispute, production from the prospect up to 1942 was 36,600 pounds of scrap mica, 2,500 pounds of punch mica, 500 pounds of rifted sheet mica, 4,000 pounds of beryl, and 85 pounds of tantalite-columbite. Apparently there has

been no additional production since 1942. Based on past production and the size of the excavation, Hanley estimated the content as:

	Pounds per ton	Percent
Punch and sheet mica	5	0.25
Beryl	5	0.25
Tantalite	0.1	0.005

IONE CLAIM

The Ione pegmatite is exposed in a northeasterly-trending trench 40 feet long and 12 feet wide. The pegmatite is composed chiefly of quartz, microcline, and muscovite with accessory albite.

Muscovite

Muscovite occurs in this pegmatite but not as abundantly as on the Muscovite claim. None of the mica seen was larger than 3 inches by 5 inches, and all was ruled, showed "A" structure, and was highly stained with iron oxide.

Beryl

No beryl was seen; however, Hanley and Page reported finding one specimen in the debris on the floor of the trench.

Tantalite

No tantalite was seen, but Hanley and Page reported finding one specimen in the debris on the floor of the trench. Russell A. Funk stated that this claim was the richest of the four in tantalum.

Carnotite

No carnotite was found and no significant radioactivity was detected.

OPAL - RED SPAR CLAIMS

There is an overlap of the Opal and Red Spar claims, and a pegmatite exposed by exploration work is covered by both claims.

The pegmatite body is exposed along its major trend of N. 50° E. for a distance of approximately 125 feet. It has been prospected over an area 50 feet by 40 feet by several shallow cuts and pits. The pegmatite is composed chiefly of quartz, microcline, and muscovite with accessory albite and minor amounts of garnet.

Muscovite

Muscovite occurs in this pegmatite but in lesser amounts than in the Muscovite and Ione pegmatites. The mica books are ruled, highly stained, and no mica larger than 2 inches across was seen.

Beryl and Tantalite

No beryl or tantalite was recognized in these workings.

Carnotite

No carnotite was found and no significant radioactivity was detected.

ORE RESERVES

Muscovite Claim (Many Values Prospect)

Based on past production this pegmatite is estimated to contain

0.25 per cent punch and sheet mica, 0.25 per cent beryl, and 0.005 per cent tantalite. Assuming a mineable depth of 20 feet below the present level and no change in size or grade, this deposit might contain about 3750 tons of pegmatic material containing approximately:

9 tons of punch and sheet mica;

9 tons of beryl;

0.2 tons of tantalite.

If the pegmatite should continue below the assumed 20 foot depth, underground mining methods would become necessary, or if open pit operations are employed, it would be necessary to excavate approximately as much gneiss and schist as pegmatitic material.

No carnotite production can be expected from this claim.

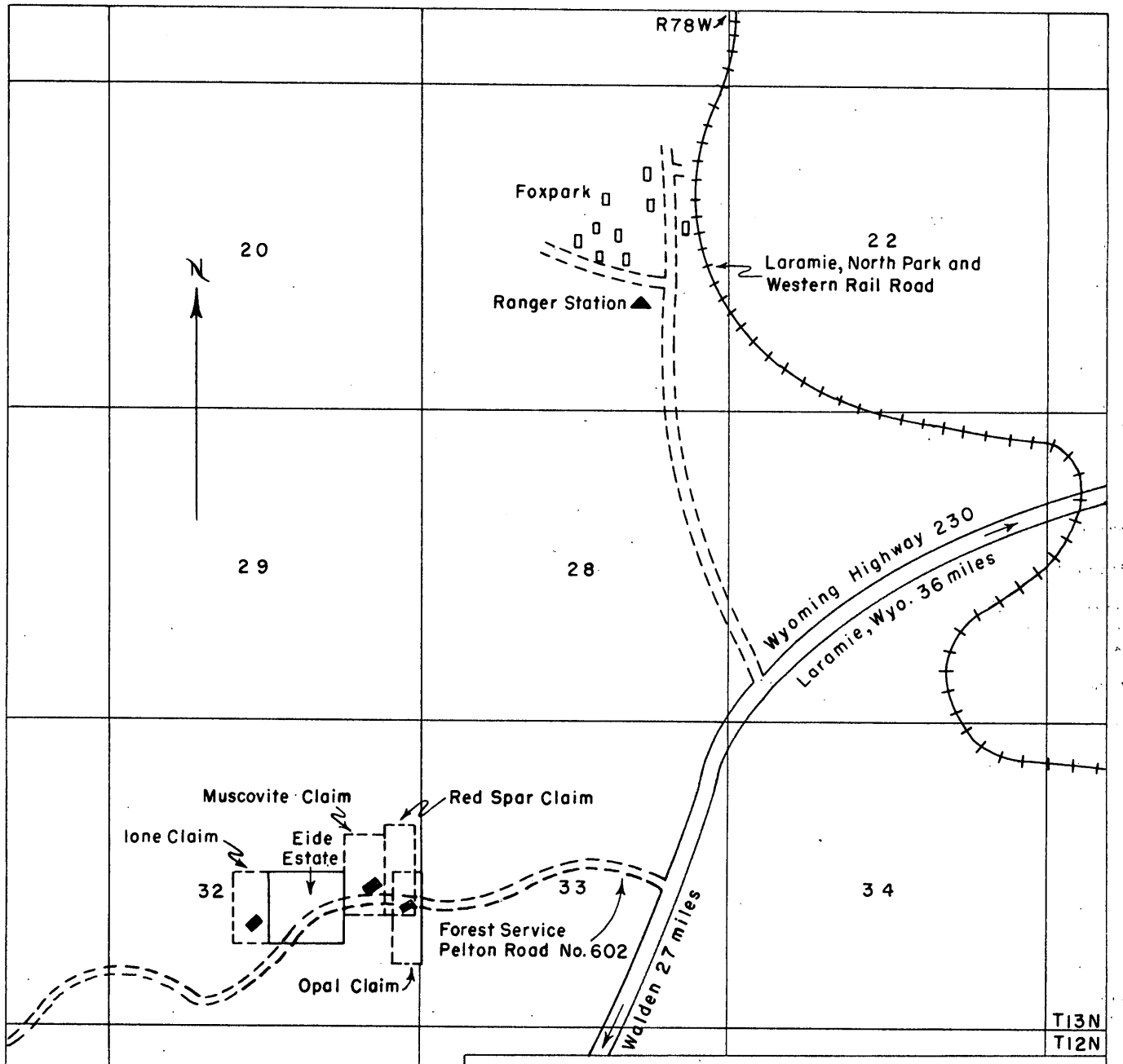
Ione and Opal - Red Spar Claims

Since there is no record of production and since no appreciable amounts of strategic mica, beryl, tantalite, or carnotite have been found in the workings, no ore reserves can be inferred for these claims.

CONCLUSIONS AND RECOMMENDATIONS

The three pegmatite bodies mentioned by the applicant as occurring on his group of claims have been exposed and prospected by means of trenches, pits, and shafts. A small amount of strategic mica, beryl, and tantalite has been produced from the Muscovite claim, but no appreciable amounts of these three minerals have been recognized or reported from the other claims.

Since very little additional information can be expected from further exploration and since the inferred strategic mica, beryl, and tantalite reserves are so low, it is recommended that this exploration loan for $50,000.00 be denied.



Pits and trenches in pegmatite

SCALE

0 1 MI.

Department of Interior
U.S. GEOLOGICAL SURVEY

Sketch Map showing Location of
MUSCOVITE, IONE, OPAL and RED SPAR CLAIMS
Albany County, Wyoming

DMA Docket 1611X

August 1951 Truman H. Kuhn

From Forest Service Base Map. Approximate location of claims from sketch furnished by R.A. Funk.

Note: Location of Red Spar Claim, as given by R.A. Funk does not correspond to posted location description.

Muscovite Claim has been described as Many Values Prospect in U.S.G.S. Prof. Paper 227, pp.107-8.