DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3623

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Exploration Assistance

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Cys to USBM, USGS, & Reg.

Routing Slip

To:	400	Date	12/31/54
To:	Oper Com	Date	1-10-54
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IN REPLY REFER TO:

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

RECEIVED
AUG - 2 1955

August 1, 1955

Re: DMEA ~~3525~~ 3623
New Mining Co.
New property
Madison Co., Mont.
$36,250 - Tungsten

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

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

Subject: Review of Field Team Report.

The recommendation of denial of the examiners and Field Team is well taken. The diamond drilling program is most unrealistic and the cost estimate for the proposed drifting is much too low. As described and indicated by sampling, the scheelite showings are insignificant and of no economic importance.

I concur with the recommendation of denial of the Field Team.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-8/1/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. Holliday, 3513

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUN 20 1955

June 14, 1955

Copy retained 400

Mr. [illegible] Whetstone, President
New Mining Company, Inc.
Box 210
West Yellowstone, Montana

Re: Docket No. DMA-3023 (tungsten)
New Mining Company, Inc.
Madison County, Montana

Dear Mr. Whetstone:

Reference is made to your letter of February 15, 1955, informing us that you would notify this office as soon as weather conditions would permit us to examine your tungsten property near Pony, Montana. Since that time we have heard nothing from you. Up to several weeks ago we assumed that inclement weather still prevailed at the property, but with the recent warm up we assume that the property must now be accessible.

A DMEA examining team will be working in the vicinity of Pony about the middle of next week. At that time they would also like to examine your property. They have tentatively set Thursday, June 23, 1955, aside as the date to examine your property. Please advise immediately if this date is acceptable to you. If it is, the examining team will meet you or your representative at 9:30 A.M. on that date at the Harrison, Montana, post office.

Sincerely yours,

John [illegible] Way
For: A. [illegible] Weissenborn
Executive Officer, [illegible]
Field Team, Region [illegible]
Northwest District

cc: [illegible]
[illegible] 2)
[illegible]

400

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 3 1955

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

January 31, 1955

Copy retained 400

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-3623 (tungsten)
Now Mining Company, Inc.
Unpatented Mining Claims
Madison County, Montana

Dear Mr. Selfridge:

This is in reply to your letter about the Now Mining Company Inc., application.

Unfortunately we have nothing on file about this property. The outcrops and surface workings are undoubtedly covered with snow, and we have written the applicant, (January 27, 1955) asking him to inform us when an examination will be possible.

Sincerely yours,

Verne C. Frykland, Jr.
For: A. F. Weissenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

cc: USBM (2)
Kellum

400

xxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

January 27, 1955

Mr. . B. Whetstone, President
New Mining Company, Inc.
Box 210
West Yellowstone, Montana

Re: Docket No. DMEA-3623 (tungsten)
New Mining Company, Inc.
Madison County, Montana

Dear Mr. Whetstone:

Your application to explore the captioned property has been referred to us by our Washington office for a field examination. Information in your application indicates to us that a large part of the exposures are on the surface and consequently may now be covered with snow which would make a geologic examination impractical at this time.

Would you kindly inform us when outcrops and surface workings are clear of snow so that an examination may be scheduled?

Sincerely yours,

Don Kellum
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

Copy retained 400

cc: DMEA (2)
USBM (2)
Kellum

JAN 11 1955

Mr. W. B. Whetstone, President
New Mining Company, Inc.
Box 210
West Yellowstone, Montana

Re: Docket No. DMEA 3623 - Tungsten
New Mining Company, Inc.
Madison County, Montana

Dear Mr. Whetstone:

The above docketed application for exploration assistance for tungsten has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II, South 157 Howard Street, Spokane 4, Washington, for further consideration and possibly a field examination of the property.

Should a field examination be required, any assistance that you can render the examining engineers will be appreciated.

Sincerely yours,

R. D. Mitchell

Administrator

TLChapman:foc
1-7-55
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. II
R. W. Geehan, USBM
T. H. Kiilsgaard, USGS

JAN 11 1955

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 3623 - Tungsten
Now Mining Company, Inc.
Unpatented Mining Claims
Madison County, Montana

Dear Mr. Weissenborn:

The above docketed application for exploration assistance is being referred to your office for a field examination, or for a review in case you already have enough information on the subject property.

Two copies of a relevant memorandum dated January 5, 1955, by E. L. Newcomb, Geological Survey, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosure

TLChapman:foc
1-7-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. II
R. W. Geehan, USBM
T. H. Kiilsgaard, USGS

APPROVED:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

400

IN REPLY REFER TO:

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

Defense Min...

JAN - 6 1955

January 5, 1955

Re: DMEA-3623
New Mining Co.
(Unpatented Claims)
Madison Co., Mont.
$36,250 - Tungsten

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

The operator has proposed diamond drilling 10 holes to an average depth of 800 feet and driving a 300 foot tunnel to explore for possible tungsten deposits along gold-silver quartz veins.

Past production of the property has been gold-silver ore. Several old adits apparently have been made accessible by the operator.

We do not have any specific information on this property. Tungsten in gold-silver quartz veins is fairly common in the area. The Gold Bar mine in Brown's Gulch, near Virginia City is very similar to the deposit described by the applicant. The Gold Bar mine is primarily a gold-silver deposit. It has been developed along quartz veins 4-5 feet thick which contain small amounts of tungsten.

I recommend this application be referred to the Field Team. It is quite possible the Survey files in Spokane contain sufficient information to determine whether a field examination should be made and/or the geologic feasibility of the proposed exploration work.

E. L. Newcomb

ELNewcomb:hlm
G-1/5/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. W. Geehan, 3513 Interior

Copy retained 300

AUG 10 1955

400

Mr. W. B. Whetstone, President
Now Mining Company, Inc.
West Yellowstone, Montana

Re: Docket No. DMEA 3623 - Tungsten
Now property
Madison County, Montana

Dear Mr. Whetstone:

Your application for aid for an exploration project and other data available to us in Washington relating to the above-mentioned property have been carefully 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 that, although some scattered tungsten mineralization occurs on the property, the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, therefore, that your application for exploration assistance is denied.

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

Sincerely yours,

G. O. Mittendorf

Administrator

cc: Docket
Adm. Read. File
FT, Reg. I-Spokane
Code 400
Oper. Comm.
Robt. Holliday, USBM
Thor Kiilsgaard, USGS

SPHolt/ls 8/8/55

400

August 8, 1955

MEMORANDUM

Deny

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration assistance to the amount of $36,250
Docket No. DMEA 3623 - Tungsten
New Mining Company, Inc.
New Property
Madison County, Montana

Denial of the subject application is recommended by this Division, based on the following information:

(1) The applicant, New Mining Company, Inc., Box 210, West Yellowstone, Montana, requested exploration assistance to the amount of $36,250 for bulldozer stripping, diamond drilling, and drifting.

(2) The applicant is owner of the following unpatented mining claims:

New Nos. 1, 2, 3, and 4, Lucky Strike, Gold Crown, and Emma Jean, located in Sec. 2 and 3, T. 3 S., R. 2 W., M.P.M., Norwegian Mining District, Madison County, Montana, and recorded in Book 126 of the records of Madison County at Virginia City, Montana.

(3) The proposed program is to explore a 300 ft. wide pegmatite zone which contains many small dikes and quartz stringers. No significant amounts of scheelite have been found in these dikes and stringers.

(4) An adit on the southeast side of Preacher Creek, on the New No. 1 claim, is driven 350 feet southeast along a narrow, 1 to 3½ ft. wide, quartz vein zone, which contains scattered sparse showings of scheelite. About 100 pits and shallow shafts have been dug to prospect the area between Preacher Creek and Canadian Creek, the next creek east of the adit portal.

(5) The Field Team concludes that there is little probability of making a significant discovery and recommends denial. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the recommendation.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Adm. Read. File
Oper. Committee
Code 400

SPHolt/ls
8/8/55

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
No. 137 Howard Street
Spokane 4, Washington

400

RECEIVED
JUL 19 1955

July 13, 1955

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-3023 (tungsten)
Now Mining Company, Inc.
Now property
Madison County, Montana

Dear Mr. Selfridge:

Enclosed are four copies of a memorandum by C. F. Quinlan, Geological Survey, recommending denial of the application by the Now Mining Company. There is no significant amount of scheelite exposed in the pegmatite zone the applicant wishes to explore. There appears to be no exploration target on the property and we agree with Mr. Quinlan that the application should be denied.

By Field Team, Region I
Northwest District

Ing C. Agnew, Acting Asst. Director
U. S. Bureau of Mines

Norman F. Frykland, Jr., Acting Director
U. S. Geological Survey

Enclosure

cc: USGS (2)
USBM (2)
Quinlan

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
No. 157 Ward Street
Spokane 4, Washington

July 13, 1955

Memorandum

To: DMEA Field Team, Region 1, Northwest District

From: J. J. Quinlan, Geologist, U. S. Geological Survey

Subject: Project No. MEA-[illegible] (tungsten), Field Examination Report, New Mining Company, Inc., New property, Mineral County, Montana

Introduction

The New property was examined by the author and Tom Maher of the U. S. Geological Survey on June 23, 1955. Mr. [illegible] Masterson, president of the New Mining Company, assisted during the examination.

Recommendations

It is recommended that the New Mining Company's application for exploration assistance be denied because the scheelite showings on the property are insignificant.

Applicant

The applicant is the New Mining Company, Inc., Box [illegible], West Yellowstone, Montana. Officers of the company are [illegible] Masterson, president, [illegible] Chantley, vice-president, and Mina Chantley, secretary-treasurer, all of West Yellowstone, Montana.

The New Mining Company was organized in order to explore and develop the New property.

Location

The New property is in secs. 2 and 3, T. 5 N., R. 2 [illegible] M. P. M., Superior mining district, Mineral County, Montana. It is in the eastern foothills of the Tobacco Root Mountains on Crooked Creek. It is about [illegible] miles south of Superior, Montana, the nearest point of supply, and [illegible] miles southwest of the old mining town of Cory.

Property

The Now property is reported by the applicant to consist of seven unpatented quartz lode mining claims: the Now No. 1, No. 2, No. 3, and No. 4, Lucky Strike, Gold Crown, and Emma Jean claims. The examination, however, was confined to an area on the southeast side of Preacher Creek in the vicinity of the Now No. 1 claim as it is within this area that the applicant reported most of the scheelite occurred.

Working

The principal mine working in the area examined is an adit 350 feet in length (see attached map) on the southeast side of Preacher Creek. In addition, numerous (approximately 100) pits and shallow shafts have been dug in order to prospect the area between Preacher Creek and Canadian Creek, the next creek to the southeast.

Geology

The area examined is principally underlain by quartz-monzonitic rocks of the Tobacco Root batholith.

Sparce scheelite was noted in two structures: (1) in a vein exposed in the adit on Preacher Creek, and (2) in a large pegmatitic zone which crosses the property about 100 feet east of the adit.

The vein exposed in the adit strikes S. 45° E. and dips 30° - 60° NE. It follows a sheared and altered zone which ranges in width from 1 to 3.5 feet (see attached geologic map of the adit). The principal vein mineral is quartz. Within the adit the vein is stained to some extent by iron oxides and in one place by manganese oxides. Small spots of malachite stain also occur at several places along the vein. Thin quartz stringers follow many of joint and shear planes in the vicinity of the vein. Lamping of the vein showed only sparse and irratically distributed scheelite in the vein and associated quartz stringers. Several specks of scheelite were also noted in the wall rock of the vein. A sample, 3 feet wide, was taken across the vein in the southeast side of the raise 60 feet from the adit portal. Although the vein sampled contained only a few specks of scheelite, it appeared typical of the applicant's "better" showings. The sample assayed 0.2 ounce silver, 0.205 ounce gold, 0.10 percent copper, and 0.054 percent tungsten trioxide.

COPY

Most of the 100 or so pits and shallow shafts between Preacher and Canadian Creeks prospect a zone of pegmatites 300 feet wide. The zone of dikes crosses the property about 100 feet east of the adit on Preacher Creek and can be traced for about 1,100 feet across the broad ridge which separates Preacher and Canadian Creeks. The zone trends S. 45° E.

Limited exposures and the dumps of the pits and shafts indicate that the zone consists of a swarm of small pegmatite and aplite dikes. The few dikes exposed range in width from several inches to about 5 feet. The dikes exposed strike about S. 45° E. and appear to dip steeply to the northeast. Sparse scheelite was seen at only 3 or 4 places along this zone. An assay of a grab sample from the dump on which the best showing was seen failed to show any tungsten trioxide but it did show a trace of gold, 0.15 ounce silver, and 0.10 percent copper.

Applicant's proposal

The applicant proposes to explore the large pegmatite zone on the Bar No. 1 claim by diamond drilling, underground openings, and surface stripping. The program proposed consists of drilling of 10 diamond drill holes, each approximately 200 feet in length, 300 feet of drifting within the zone, and $1,700 worth of dozer stripping.

Evaluation of applicant's proposal and conclusion

The applicant's proposal is totally unrealistic, particularly the diamond drilling program that has been suggested.

The scheelite showings on the property are insignificant and of no economic importance and for this reason it is recommended that the application be denied.

Enclosure

Distribution:
BLM (4)
USGS (2)
USGS (SEC)
Dochat
Quimlan

Most of the 100 or so pits and shallow shafts between Preacher and Canadian Creeks prospect a zone of pegmatites 300 feet wide. The zone of dikes crosses the property about 100 feet east of the adit on Preacher Creek and can be traced for about 1,100 feet across the broad ridge which separates Preacher and Canadian Creeks. The zone trends S. 45° E.

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Applicant's proposal

The applicant proposes to explore the large pegmatite zone on the New No. 1 claim by diamond drilling, underground openings, and surface stripping. The program proposed consists of drilling of 10 diamond drill holes, each approximately 100 feet in length, 300 feet of drifting within the zone, and $1,700 worth of dozer stripping.

Evaluation of applicant's proposal and conclusion

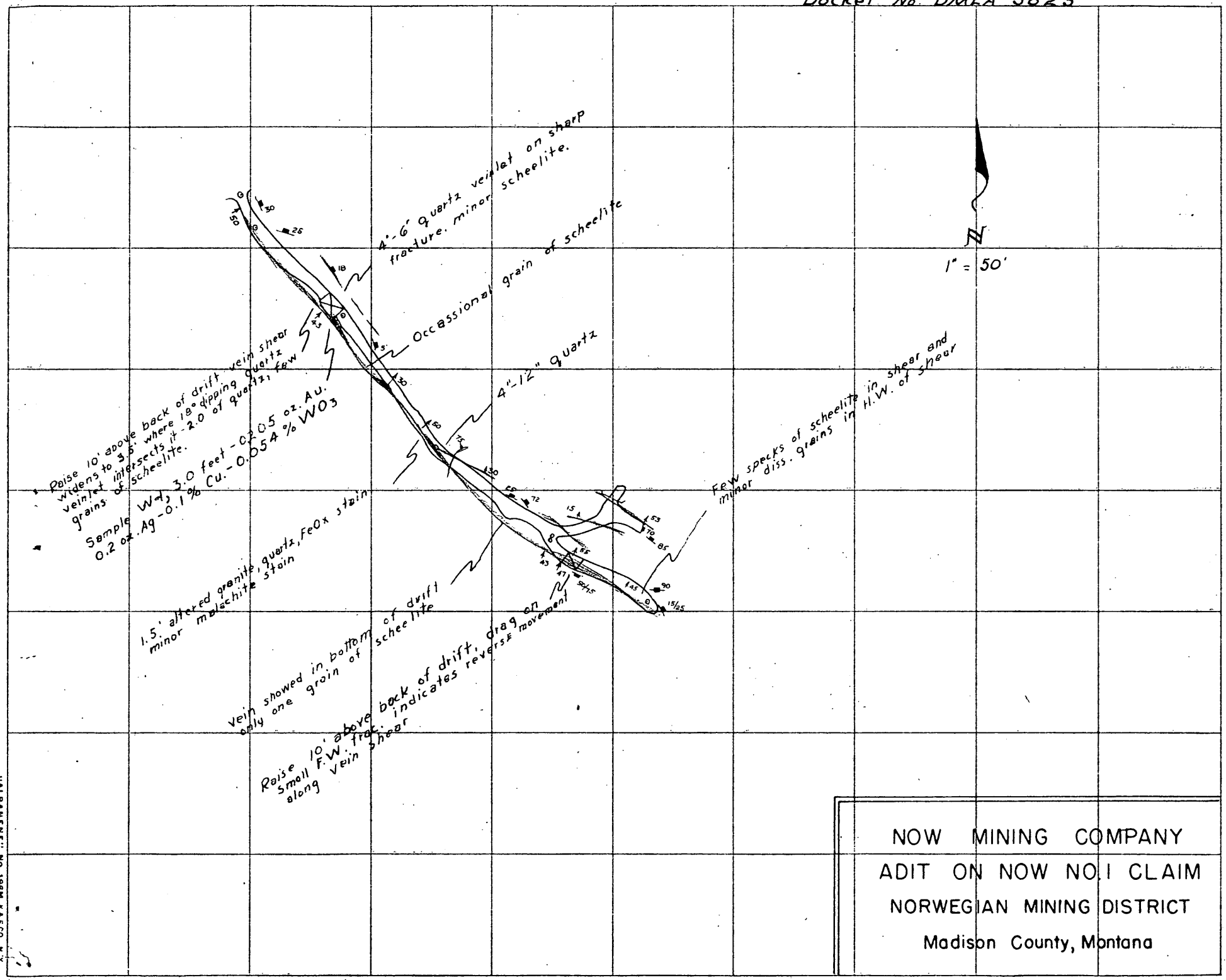
The applicant's proposal is totally unrealistic, particularly the diamond drilling program that has been suggested.

The scheelite showings on the property are insignificant and of no economic importance and for this reason it is recommended that the application be denied.

Enclosure

Distribution:
DMEA (4)
USBM (2)
USGS (SRO)
Dechert
Quinlan

Docket No. DMEA 3623



NOW MINING COMPANY

ADIT ON NOW NO. 1 CLAIM

NORWEGIAN MINING DISTRICT

Madison County, Montana

"ALBANENE" NO. 198M K&E CO., N.Y. REG. U.S. PAT. OFF.

DOCKET
Surname:
Holt
Martin
Holliday
Bishop
Williams
Yeffman

AUG 10 1955

Mr. W. B. Whetstone, President
Now Mining Company, Inc.
West Yellowstone, Montana

Re: Docket No. DMEA 3623 - Tungsten
Now property
Madison County, Montana

Dear Mr. Whetstone:

Your application for aid for an exploration project and other data available to us in Washington relating to the above-mentioned property have been carefully 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 that, although some scattered tungsten mineralization occurs on the property, the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, therefore, that your application for exploration assistance is denied.

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

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
Adm. Read. File
FT, Reg. I-Spokane
Code 400
Oper. Comm.
Robt. Holliday, USBM
Thor Kiilsgaard, USGS

SPHolt/ls 8/8/55

P.C.B.

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

August 8, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration assistance to the amount of $36,250
Docket No. DMEA 3623 - Tungsten
Now Mining Company, Inc.
Now Property
Madison County, Montana

Denial of the subject application is recommended by this Division, based on the following information:

(1) The applicant, Now Mining Company, Inc., Box 210, West Yellowstone, Montana, requested exploration assistance to the amount of $36,250 for bulldozer stripping, diamond drilling, and drifting.

(2) The applicant is owner of the following unpatented mining claims:

Now Nos. 1, 2, 3, and 4, Lucky Strike, Gold Crown, and Emma Jean, located in Sec. 2 and 3, T. 3 S., R. 2 W., M.P.M., Norwegian Mining District, Madison County, Montana, and recorded in Book 126 of the records of Madison County at Virginia City, Montana.

(3) The proposed program is to explore a 300 ft. wide pegmatite zone which contains many small dikes and quartz stringers. No significant amounts of scheelite have been found in these dikes and stringers.

(4) An adit on the southeast side of Preacher Creek, on the Now No. 1 claim, is driven 350 feet southeast along a narrow, 1 to 3½ ft. wide, quartz vein zone, which contains scattered sparse showings of scheelite. About 100 pits and shallow shafts have been dug to prospect the area between Preacher Creek and Canadian Creek, the next creek east of the adit portal.

(5) The Field Team concludes that there is little probability of making a significant discovery and recommends denial. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the recommendation.

W S Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

DOCKET
Surname:
Holt
Holliday
Bishop

August 8, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration assistance to the amount of $36,250
Docket No. DMEA 3623 - Tungsten
Now Mining Company, Inc.
Now Property
Madison County, Montana

Denial of the subject application is recommended by this Division, based on the following information:

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(5) The Field Team concludes that there is little probability of making a significant discovery and recommends denial. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the recommendation.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Adm. Read. File
Oper. Committee
Code 400

SPHolt/ls
8/8/55

IN REPLY REFER TO:

Docket

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

RECEIVED
AUG - 2 1955

August 1, 1955

Re: DMEA 3623
Now Mining Co.
Now property
Madison Co., Mont.
$36,250 - Tungsten

WSM

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

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

Subject: Review of Field Team Report.

The recommendation of denial of the examiners and Field Team is well taken. The diamond drilling program is most unrealistic and the cost estimate for the proposed drifting is much too low. As described and indicated by sampling, the scheelite showings are insignificant and of no economic importance.

I concur with the recommendation of denial of the Field Team.

N. E. Nelson

N. E. Nelson

Copy retained 400

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUL 1 1955

July 13, 1955

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

W-day

Re: Docket No. DMEA-3623 (tungsten)
Now Mining Company, Inc.
Now property
Madison County, Montana

Dear Mr. Selfridge:

Enclosed are four copies of a memorandum by J. J. Quinlan, Geological Survey, recommending denial of the application by the Now Mining Company. There is no significant amount of scheelite exposed in the pegmatite zone the applicant wishes to explore. There appears to be no exploration target on the property and we agree with Mr. Quinlan that the application should be denied.

By Field Team, Region I
Northwest District

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Verne C. Fryklund, Jr., Acting Member
U. S. Geological Survey

Enclosure

cc: USBM (2)
USGS (SRO)
Quinlan

Reviewed by
DMEA OPERATING COMMITTEE
7-25-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUL 15 1955

July 13, 1955

Memorandum

To: DMEA Field Team, Region I, Northwest District

From: J. J. Quinlan, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-3623 (tungsten), Field Examination Report, Now Mining Company, Inc., Now property, Madison County, Montana

Introduction

The Now property was examined by the author and Tom Huber of the U. S. Geological Survey on June 23, 1955. Mr. W. B. Whetstone, president of the Now Mining Company, assisted during the examination.

Recommendations

It is recommended that the Now Mining Company's application for exploration assistance be denied because the scheelite showings on the property are insignificant.

Applicant

The applicant is the Now Mining Company, Inc., Box 210, West Yellowstone, Montana. Officers of the company are W. B. Whetstone, president, E. N. Cheatley, vice-president, and Nina Cheatley, secretary-treasurer, all of West Yellowstone, Montana.

The Now Mining Company was organized in order to explore and develop the Now property.

Location

The Now property is in secs. 2 and 3, T. 3 S., R. 2 W., M. P. M., Norwegian mining district, Madison County, Montana. It is in the eastern foothills of the Tobacco Root Mountains on Preacher Creek. It is about 6 miles south of Harrison, Montana, the nearest point of supply, and 5 miles southeast of the old mining town of Pony.

Reviewed by
DMEA OPERATING COMMITTEE
7-25-55
(date)

Property

The Now property is reported by the applicant to consist of seven unpatented quartz lode mining claims: the Now No. 1, No. 2, No. 3, and No. 4, Lucky Strike, Gold Crown, and Emma Jean claims. The examination, however, was confined to an area on the southeast side of Preacher Creek in the vicinity of the Now No. 1 claim as it is within this area that the applicant reported most of the scheelite occurred.

Working

The principal mine working in the area examined is an adit 350 feet in length (see attached map) on the southeast side of Preacher Creek. In addition, numerous (approximately 100) pits and shallow shafts have been dug in order to prospect the area between Preacher Creek and Canadian Creek, the next creek to the southeast.

Geology

The area examined is principally underlain by quartz-monzonitic rocks of the Tobacco Root batholith.

Sparce scheelite was noted in two structures: (1) in a vein exposed in the adit on Preacher Creek, and (2) in a large pegmatitic zone which crosses the property about 100 feet east of the adit.

The vein exposed in the adit strikes S. 45° E. and dips 30° - 60° NE. It follows a sheared and altered zone which ranges in width from 1 to 3.5 feet (see attached geologic map of the adit). The principal vein mineral is quartz. Within the adit the vein is stained to some extent by iron oxides and in one place by manganese oxides. Small spots of malachite stain also occur at several places along the vein. Thin quartz stringers follow many of joint and shear planes in the vicinity of the vein. Lamping of the vein showed only sparse and irratically distributed scheelite in the vein and associated quartz stringers. Several specks of scheelite were also noted in the wall rock of the vein. A sample, 3 feet wide, was taken across the vein in the southeast side of the raise 60 feet from the adit portal. Although the vein sampled contained only a few specks of scheelite, it appeared typical of the applicant's "better" showings. The sample assayed 0.2 ounce silver, 0.205 ounce gold, 0.10 percent copper, and 0.054 percent tungsten trioxide.

Most of the 100 or so pits and shallow shafts between Preacher and Canadian Creeks prospect a zone of pegmatites 300 feet wide. The zone of dikes crosses the property about 100 feet east of the adit on Preacher Creek and can be traced for about 1,100 feet across the broad ridge which separates Preacher and Canadian Creeks. The zone trends S. 45° E.

Limited exposures and the dumps of the pits and shafts indicate that the zone consists of a swarm of small pegmatite and aplite dikes. The few dikes exposed range in width from several inches to about 5 feet. The dikes exposed strike about S. 45° E. and appear to dip steeply to the northeast. Sparse scheelite was seen at only 3 or 4 places along this zone. An assay of a grab sample from the dump on which the best showing was seen failed to show any tungsten trioxide but it did show a trace of gold, 0.15 ounce silver, and 0.10 percent copper.

Applicant's proposal

The applicant proposes to explore the large pegmatite zone on the Now No. 1 claim by diamond drilling, underground openings, and surface stripping. The program proposed consists of drilling of 10 diamond drill holes, each approximately 800 feet in length, 300 feet of drifting within the zone, and $1,700 worth of dozer stripping.

Evaluation of applicant's proposal and conclusion

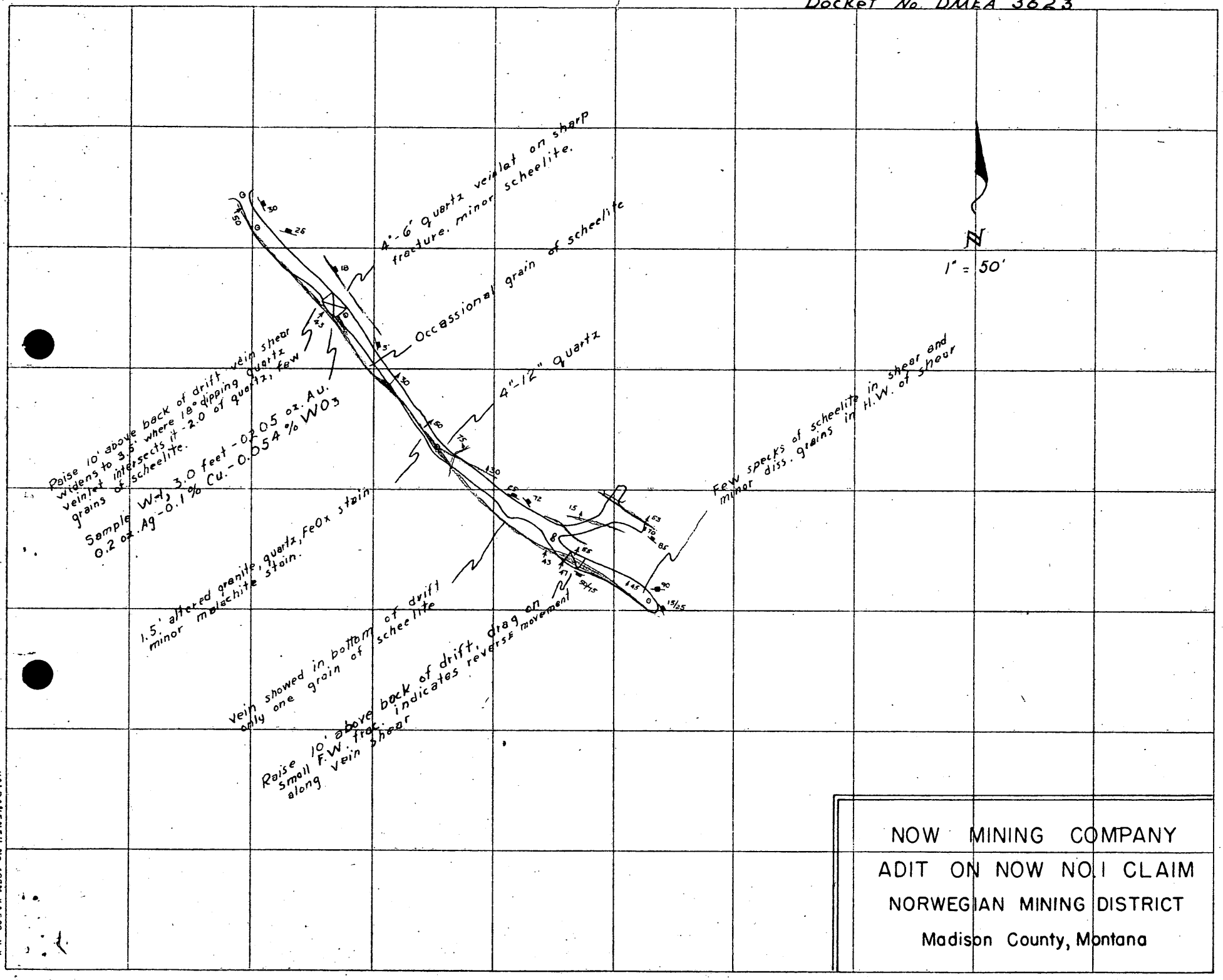
The applicant's proposal is totally unrealistic, particularly the diamond drilling program that has been suggested.

The scheelite showings on the property are insignificant and of no economic importance and for this reason it is recommended that the application be denied.

Enclosure

Distribution:
- DMEA (4)
- USBM (2)
- USGS (SRO)
- Docket
- Quinlan

Docket No. DMEA 3623



NOW MINING COMPANY

ADIT ON NOW NO. 1 CLAIM

NORWEGIAN MINING DISTRICT

Madison County, Montana

"VALDANENE" NO. 1988 M KAECO, N.Y. MADE IN U.S.A.

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
~~So. 157 Howard Street~~
Spokane 4, Washington

RECEIVED
JUN 20 1955

June 14, 1955

Mr. W. B. Whetstone, President
Now Mining Company, Inc.
Box 210
West Yellowstone, Montana

Copy retained 400 WZM

Re: Docket No. DMEA-3623 (tungsten)
Now Mining Company, Inc.
Madison County, Montana

Dear Mr. Whetstone:

Reference is made to your letter of February 15, 1955, informing us that you would notify this office as soon as weather conditions would permit us to examine your tungsten property near Pony, Montana. Since that time we have heard nothing from you. Up to several weeks ago we assumed that inclement weather still prevailed at the property, but with the recent warm up we assume that the property must now be accessible.

A DMEA examining team will be working in the vicinity of Pony about the middle of nex week. At that time they would also like to examine your property. They have tentatively set Thursday, June 23, 1955, aside as the date to examine your property. Please advise immediately if this date is acceptable to you. If it is, the examining team will meet you or your representative at 8:30 A.M. on that date at the Harrison, Montana, post office.

Sincerely yours,

John S. Vhay
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

cc: DMEA(2)
USBM(2)
Quinlan

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 3 1955

January 31, 1955

Copy retained 400

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-3623 (tungsten)
Now Mining Company, Inc.
Unpatented Mining Claims
Madison County, Montana

Dear Mr. Selfridge:

This is in reply to your letter about the Now Mining Company Inc., application.

Unfortunately we have nothing on file about this property. The outcrops and surface workings are undoubtedly covered with snow, and we have written the applicant, (January 27, 1955) asking him to inform us when an examination will be possible.

Sincerely yours,

Verne C. Fryklund, Jr.

Verne C. Fryklund, Jr.
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

cc: USBM (2)
Kellum

Copy retained 400

No reply necessary
WSM
2/4/55

xxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

January 27, 1955

W/M

Mr. . E. Whetstone, President
New Mining Company, Inc.
Box 210
West Yellowstone, Montana

Re: Docket No. DMEA-3023 (tungsten)
New Mining Company, Inc.
Madison County, Montana

Dear Mr. Whetstone:

Your application to explore the captioned property has been referred to us by our Washington office for a field examination. Information in your application indicates to us that a large part of the exposures are on the surface and consequently may now be covered with snow which would make a geologic examination impractical at this time.

Would you kindly inform us when outcrops and surface workings are clear of snow so that an examination may be scheduled.

Sincerely yours,

Tom Kellum
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

Copy retained 400

cc: DMEA (2)
USBM (2)
Kellum

[redacted]

Docket
Surname

400 Chapman
Martin
Geehan
Selfridge
Hedges

JAN 11 1955

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 3623 - Tungsten
Now Mining Company, Inc.
Unpatented Mining Claims
Madison County, Montana

Dear Mr. Weissenborn:

The above docketed application for exploration assistance is being referred to your office for a field examination, or for a review in case you already have enough information on the subject property.

Two copies of a relevant memorandum dated January 5, 1955, by E. L. Newcomb, Geological Survey, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Enclosure

TLChapman:foc
1-7-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. II
R. W. Geehan, USBM
T. H. Kiilsgaard, USGS

APPROVED:

J. H. Hedges
Member, Bureau of Mines (JHH)

Thor H. Kiilsgaard
Member, Geological Survey (THK)

R.C.S.

DOCKET
SURNAME

400 Chapman
Martin
Geehan
Kiilsgaard
Hedges
Selfridge
Johnson

JAN 11 1955

Mr. W. B. Whetstone, President
New Mining Company, Inc.
Box 210
West Yellowstone, Montana

Re: Docket No. DMEA 3623 - Tungsten
New Mining Company, Inc.
Madison County, Montana

Dear Mr. Whetstone:

The above docketed application for exploration assistance for tungsten has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II, South 157 Howard Street, Spokane 4, Washington, for further consideration and possibly a field examination of the property.

Should a field examination be required, any assistance that you can render the examining engineers will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

TLChapman:foc
1-7-55
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. II
R. W. Geehan, USBM
T. H. Kiilsgaard, USGS

R.C.S.

Docket

IN REPLY REFER TO:

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 6 1955

January 5, 1955

Re: DMEA-3623
Now Mining Co.
(Unpatented Claims)
Madison Co., Mont.
$36,250 - Tungsten

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

The operator has proposed diamond drilling 10 holes to an average depth of 800 feet and driving a 300 foot tunnel to explore for possible tungsten deposits along gold-silver quartz veins.

Past production of the property has been gold-silver ore. Several old adits apparently have been made accessible by the operator.

We do not have any specific information on this property. Tungsten in gold-silver quartz veins is fairly common in the area. The Gold Bar mine in Brown's Gulch, near Virginia City is very similar to the deposit described by the applicant. The Gold Bar mine is primarily a gold-silver deposit. It has been developed along quartz veins 4-5 feet thick which contain small amounts of tungsten.

I recommend this application be referred to the Field Team. It is quite possible the Survey files in Spokane contain sufficient information to determine whether a field examination should be made and/or the geologic feasibility of the proposed exploration work.

E. L. Newcomb

E. L. Newcomb

December 31, 1954
Subject: DMEA-3623
Re: Exploration Assistance

Now Mining Co., Inc.

West Yellowstone, Montana

Gentlemen:

The receipt of your application dated December 21, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3623 and referred to the Iron and Ferro-Alloys Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 30 1954

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. 3623
Metal or Mineral TUNGSTEN
Date Received
Estimated Cost $36,250
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: Now Mining Company, Inc. W.B.Whetstone,President
West Yellowstone,Montana Nina Cheatley,Sec'y & Treas.
E. W. Cheatley,Vice-President

(*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.

(*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 3 filed mining claims - in the County of Madison State of Montana,located in Township 3S, R2 West, Section 2 and 3, plot 9 & 10 & 13 filed under name of Now Mining Co.,Inc., 20 acres ea.-3 claims jointly owned by W.B.Whetstone, adjoining on the North 20 acres ea. in the Norwegian Mining District

(*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 - unpatented claims

(*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. Book 126, Virginia City, County of Madison, Montana

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 wish to explore Scheelite - Tungsten

(*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 15 days and be completed within 3 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?

[X] 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 December 21, 1954

NOW MINING COMPANY, INC.
(Applicant)

By W M Ketstone
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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 30 1954

4. Physical Description:- Have spent total of 3 months work in last 2 years prospecting, sampling and assaying - exposing veins, opening up and cleaning out 2 old adits - one on Tungsten claims running in a South Westerly direction for 310' - present condition is good, good indication of Tungsten in fissues along sills and walls, also indication of uranium.
(b) These adits were worked in the early 1900's for gold and silver. Discoverage of Tungsten in this area was made by me in the Spring of 1954.
(c) Geological Structure: On our claims is 5 out croppings - running parallel approximately 20' apart South Easterly direction - veins appear to widen out at depth average 3' on surface to 3½ to 4½' at 12'. Mineralization is of quartz and feldspar formation in Plutonic and metamorphic.
(d) (e) accessibility to site is 1/4 mile West of County road - one can drive a pleasure car on site - 1/2 mile from 4 40 Montana Power - 4½ miles from R. R. - 3/½ miles South of Pony, Montana - 5 miles from Harrison on U. S. Highway 1 - water, Preacher creek and Norwegian creek runs across claims, good water supply all year. Manpower, equipment, supplies and materials are within 1 hour's drive.

5. Exploration Project: Prospecting and assay reports from Colorado Assayers show from surface to a 10' depth sampling 1.78% - scheelite (average) along with 30% aluminum and other minerals.
Proposed exploration work will consist of diamond core drilling 10 holes approximately 800' deep each - one adit from North side of hill running in Southerly direction for approximately 300'. This will be 300 feet lower than the crest of the hill where out croppings are. Bulldozing surface between veins in form of strip mining to locate main vein.
(d) The applicant W. B. Whetstone worked for the Anaconda Copper Mining Company 3 years in geological department, 1½ years sampling department, 18 months under ground 3200' level as contract miner in Anselmo mine.

6. Estimate of Costs:

(a) Core drilling - Minerals Engineering Corp., Grand Junction, Colorado - - - - - - - - - -	$25,600.00
(b) Geologist, Mr. Baker of Grand Junction, Colo., $75.00 per day, plus expenses, plus $200.00 for Office work -	950.00
Assayer, per average $10.00 per hole - - - - - - - - - - - -	800.00
Wages for 2 supervisors - - - - - - - - - - - - - - - - - - -	2,000.00
(c) Gasoline - diesel fuel and oil for bulldozer and air compressor - miscellaneous small tools (shovels, picks), carbide and carbide lamps, 500' ore car rail, 200 lineal feet 2 x 4 for rail ties, dynamite and caps and fuse -	1,000.00
(d) One D 8 bulldozer rental to be used for stripping of hill top to expose veins - - - - - - - - - - - - - - - - - - -	1,700.00
Air Compressor for drilling for dynamite rounds in adit - rental -	300.00
Labor for one adit 300' by 5 x 6 to be tunneled in a Southwesterly direction from a position on the North side of hill approximately 400' lower than crest of hill to determine full width of vein and for better sampling -average estimated cost $10.00 per foot - - - - -	3,000.00

Wages for bulldozer operator - - - - - - - - - - - - - -	$900.00
Total -	$36,250.00

of which $9,062.50 will be furnished by the Now Mining Corporation.

We are thereby applying for D.M.E.A. Loan of $27,187.50.

400

Mails & Files

Rutledge

JUL 21 1954

Mr. W. B. Whetstone
Box 210
West Yellowstone, Montana

Dear Mr. Whetstone:

This will acknowledge your letter of July 17, 1954, requesting assistance in developing your tungsten prospect and information concerning the Defense Minerals Exploration Administration's program.

The United States Government grants assistance to individuals, corporations, or other legal entities for the exploration of strategic minerals within the United States, its territories or possessions, on a participating basis, under the rules and regulations set forth in the attached DMEA Order-1 Amended. Certain sections of the order are explained more fully in the "Questions & Answers" booklet included herewith.

In the case of authorized tungsten projects, the Government will participate in the approved exploration costs to the extent of 75 percent, the money to be repaid from income on future production.

If you wish to participate in the exploration program of the Defense Minerals Exploration Administration, you should complete in detail and submit to us four of the enclosed copies of Form MF-103. Should you require advice in preparing the application, please communicate with Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II, South 157 Howard Street, Spokane 4, Washington.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FARUTIEDGE:foc
7-20-54
cc to: Docket (Mails & Files)
Code 400
Adm. Reading File
Enclosures

July 17, 1954

Defense Minerals Exploration Asso.

Colorado Tax Commission
RECEIVED
JUL 19 1954

Dear Sirs:

Last month we discovered a body of ore - containing 3 to 5% Sheelite Tungsten Titanium, Vanadium and .02% Uranium ore according to assays from Colorado assayers. These Samples were all taken from Surface to a Depth of only 8' on Two 5' parralle veins.

Now we are handicaped for finance's, or the know how, as to just how or where to go to get this permated to a mining Deal so we can get the ore out. we are only 7 miles from railroad. & have filed on 7 claims covering this area.

Please advise if anybody near us can be contacted, or just what your association can do.

Very truly yours.

W.B.V. Hitstone

over for address

W. B. Whetstone
Box. 210
West Yellowstone,
Montana.