DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~EMX~~ Docket No. 2346

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This document has been recorded as
EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip
(ONE COPY TO USGS & ONE TO USBM)

To: CODE 400 Rm. 3538 Date 1-25-52

To: Op Com Date 7-23-52

To: _____ Date _____

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DO NOT DETACH

CONTROLLED DOCUMENT

JUL 24 1952

Mr. Tomer Noark
150 Fifteenth Street
Ely, Nevada

Re: Docket No. DMRA 2346 - Tungsten
Je Jane Claims Nos. 1, 2 and 3
White Pine Range
Nye County, Nevada

Dear Mr. Noark:

Your application for exploration assistance and other information referring to the above noted property available to us in Washington have been carefully reviewed.

This information, while noting a small amount of scheelite mineralization on your property, indicates that, geologically, there is little probability of making a significant mineral discovery. We regret, therefore, to inform you that your application is denied.

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

As per your request, we are returning to you the following:

3 Photographs
3 Location notices
2 Assay certificates.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Administrator
Defense Minerals Exploration
Administration

cc: Admn. Pending File
Docket
R. W. Seaman, USGM
D. M. Lemmon, USGS
Field Team Reg. III
Operating Committee
G. C. Selfridge
T. L. Chapman

Enclosures

TLChapman:lm
7/14/52

Acting Administrator, DMEA July 15, 1952

Iron and Ferro-Alloy Division, DMEA

Denial of exploration project in the amount of $7,142.50
Docket No. DMEA 2346X - Tungsten
Jo Jane Claims Nos. 1, 2 and 3
White Pine Range
Nye County, Nevada

The denial of the subject application by this Division is based on the following information:

1. Limestones of the White Pine Range have been intruded by narrow, fine grained intrusive dikes which, in places, are concordant with the bedding. Close by and paralleling the dikes a narrow quartz vein with accessory stringers can be traced for a distance of 300 feet. Minor scheelite deposition occurs in the quartz vein and stringers. Samples from the better showings gave very low tungsten values. The area indicated very little probability of making a significant mineral discovery.

2. Only one 18-foot cut was found on the property and there is no record of any production.

3. The Field Team and Commodity Division of the U. S. Geological Survey recommend denial.

Sgd.

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

TLChapman'lm
7/15/52

cc: Admn. Reading File
Docket
G. C. Selfridge
T. L. Chapman

IN REPLY REFER TO:

G-MD-CF 400

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

Memorandum July 10, 1952

To: George C. Selfridge, DMEA

From: D. M. Lemmon, USGS

Subject: Field Team Report DMEA 2346 - Tungsten
Homer Roark

Property: Joe Jane claims, Nye County, Nevada

Geology: The property was examined April 24 and May 15 by L. F. Muller of the Bureau of Mines. His report, dated June 30, 1952, recommends denial of the application because exposures sampled contained only 0.02 to 0.19 percent of WO_3, and the probability of making a discovery is poor.

Recommendation: I concur with the recommendation that the application be denied.

DM Lemmon

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

Homer Roark

DMEA-2346 (Tungsten), Jo Jane Claims Nos. 1, 2 and 3

Nye County, Nevada

L. P. Muller, Mining Engineer
U. S. Bureau of Mines

June 30, 1952

JUL 7 - 1952

DMEA-2346 (Tungsten), Homer Roark

Jo Jane Claims Nos. 1, 2 and 3
Nye County, Nevada

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

Application for Government assistance (DMEA-2346) by Mr. Homer Roark, Ely, Nevada, to conduct exploration on tungsten claims in Nye County, Nev., has been reviewed in the field.

Proposed exploration included sinking of a shaft, road building, road repair, and water development.

The property is a raw prospect, isolated from labor and supply sources. Exploration could only be done during summer months due to climate and road conditions.

The field examination revealed only minor amounts of scheelite in zones of strongest mineral deposition. Samples indicated no ore reserves. The nature of scheelite occurrence limits the probability of making a significant mineral discovery by exploration.

It is recommended that the application be denied.

INTRODUCTION

An initial examination of the Roark tungsten prospect was made on April 24, 1952 and again on May 15, 1952 by an engineer[1] of the U. S. Bureau of Mines in connection with docket DMEA-2346. Mr. Homer Roark, 150-15th Street, Ely, Nev., and Mr. George Allen, watchman, accompanied the engineer.

The applicant's holdings comprise 8 unpatented mining claims on unsurveyed land on the south slope of the White Pine mountains. The

1/ L. F. Muller

prospect is reached from Currant (Callaways) on U. S. Highway No. 6, 52.3 miles southwest of Ely, Nev., by traveling northwest 9.5 miles on the Duckwater road (Nevada 20), then 10 miles northeast over a poor wagon road, the last 3 miles of which are impassable to passenger vehicles.

The claims extend from bottom to top of a foot-ridge of moderate slope. Altitudes range from 7,000 feet (approximate) in the floor of Broom Canyon to 7,500 feet at the upper or northeast end of the claims. Shallow overburden covers the claims pertinent to exploration, Jo Jane Nos. 1, 2 and 3. With present road conditions, this area is only accessible between May and November.

There is sufficient scrub timber in the area to provide support for exploratory openings. Water for mining and domestic use could be developed from a small spring in the canyon 1,000 feet from the proposed exploration site. Fuel for Diesel or gasoline generation of power would have to be transported from Ely, the nearest rail point.

HISTORY AND PRODUCTION

Claims were located in November 1951. No exploratory or location work has been performed by the applicant. However, a 10-foot cut was made on the present Jo Jane No. 2 claim, presumably to prospect a previous gold-silver location. No production is recorded.

GEOLOGY

The White Pine Range in the vicinity of the property is made up of thin bedded limestones striking N 45° W to N 75° W and dipping 50° to 35° NE. Narrow, northeasterly trending, fine grained light and dark colored intrusive dikes cut and in places are concordant with bedding. These can be traced for approximately 900 feet; and a narrow, closely

paralleling, vertical quartz vein with accessory stringers is visible over the northernmost 300 feet. Limestones are partially silicified adjacent to both dikes and vein.

Traces of scheelite can be observed in thin fractures in limestones over wide areas on both sides of the dike zone. Stronger deposition occurs in conjunction with quartz vein and stringers. However, in the latter case, it was noted that mineral occurrence, with little exception, is in thin crystals in siliceous druses along edges of quartz stringers.

A visual appraisal indicates no reserves of ore under present economic conditions or any conceivable future market.

SAMPLING

Samples were taken from the best mineralized showings and the analyses of these samples indicate only a minor amount of WO_3.

Sample No.	%, WO_3	Width/ ft.
1	0.02	1.0
2	0.02	2.0
3	0.04	3.3
4	0.19	1.5

DISCUSSION OF EXPLORATION

The applicant has requested a loan of $7,142.50 for exploration and preparation for exploration to consist of road building 0.25 miles, road repair 0.10 miles, water development and sinking an inclined shaft 100 feet. A revision of costs and preparation of a suitable program by the engineer in conjunction with the applicant has not been made because of the limited ore exposure. The probability of making a significant ore discovery by any form of exploration is unlikely.

FEB 1 8 1952

Mr. Homer Peark
150 Fifteenth Street
Ely, Nevada

Re: Docket No. DMRA 2346X - Tungsten
Je Jane Claims Nos. 1, 2 and 3
White Pine Range
Nye County, Nevada

Dear Mr. Peark:

Your application for assistance in exploring the above noted tungsten property has been reviewed by the Iron and Ferro-Alloy Division of the Defense Minerals Exploration Administration, and has been referred to Mr. R. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field examination.

The Regional Office will contact you at an early date in regard to the examination of your project. Any assistance that you can give the field team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

Q.E.Brewer'lm
2/5/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
Q. E. Brewer

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

C-4D-DHL

February 1, 1952

Memorandum

To: George C. Selfridge, DMA

From: D. H. Lemmon, [illegible]

Subject: Exploration application $7,142.50 [illegible] 2346 - Tungsten
Homer Roark
150 15th St.
Ely, Nevada

Property: Jo Jane Nos. 1, 2, and 3 claims
White Pine Range
"White River National Forest" - (Presumably Nevada National Forest)
Nye County, Nevada

Proposal:	Repair road	$ 300
	New road 1/4 mile	700
	Inclined shaft (or tunnel?) on vein - 100 ft.	5,000
	Ore bin	700
	Total	$ 6,700

In the itemized expenditures, the total is $6,962.50. The total given of $7,142.50 is not explained.

Geologic Appraisal:
The Geological Survey apparently has not examined this property. The location is not clearly stated.

The information given by the applicant suggests that additional surface trenching and sampling is required before underground exploration is warranted.

Recommendation:
It is recommended that this docket be referred to the field for examination of the property. Snow will make this area inaccessible until late spring.

Dwight H. Lemmon

DHLemmon:gt
Copies to: Director's reading file
Branch reading file
E.H.Bailey, San Francisco

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

147A

FEB 12 1952

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

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

Applicant Homer Roark

Docket No. 2346

Commodity Tungsten

Amount $ 7,142.50

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

Sincerely yours,

C. O. Mittendorf

ACTING Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2346

Commodity Tungsten

Total Amount ~~5,[illegible]~~ 7,142.50

Govt. Participation $5,312.90

1. Name and Address of Applicant Homer Roark, 150 - 15th St
Ely, Nevada

2. Location of Property Jo Jane No's 1, 2, and 3
White Pine Range, Nye County, Nevada.

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Yes

b) Poor

c) None

d) ~~Don't know~~ needs field examination to check assays, Geology and proposed method of work

e) Is there an alternative and favorable project? Possibly, - must be checked
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes -
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No (Owner)

Does the lease have sufficient time to run to cover a future

productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202? _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Only as to sufficiency of proposal as to equipment and supplies –

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? Yes

10. Exhibit A. (question 21 and 22)*

a) Is the project adequately described? Generally, yes, in detail, no, should be more clearly described

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Yes:- This appears to be a worthwhile project, but has never been reported upon. The field team should make more than a casual geological examination, and their findings should be substantiated by maps and assays. The proposed method of exploration should be reviewed on the ground and an amended proposal submitted if a more suitable method is evolved, subject to the applicant's ability to contribute his portion thereof.

Reviewed by: J. B. Brewer

Enc.
2- M7 103
2- USGS. Opinion.

Date 2/5-'52

FILE COPY
SURNAME:

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

Chapman
Selfridge
Geehan
Lemmon
Hedges

JUL 24 1952

Mr. Homer Roark
150 Fifteenth Street
Ely, Nevada

Re: Docket No. DMEA 2346 - Tungsten
Je Jane Claims Nos. 1, 2 and 3
White Pine Range
Nye County, Nevada

Dear Mr. Roark:

Your application for exploration assistance and other information referring to the above noted property available to us in Washington have been carefully reviewed.

This information, while noting a small amount of scheelite mineralization on your property, indicates that, geologically, there is little probability of making a significant mineral discovery. We regret, therefore, to inform you that your application is denied.

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

As per your request, we are returning to you the following:

3 Photographs
3 Location notices
2 Assay certificates.

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
Operating Committee
G. C. Selfridge
T. L. Chapman

Sincerely yours,

(signed) FRANK E. JOHNSON
(26)

Acting Administrator
Defense Minerals Exploration
Administration

P.N. 7-24-52

Enclosures

TLChapman'lm
7/14/52

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Acting Administrator, DMEA DATE: July 15, 1952

FROM : Iron and Ferro-Alloy Division, DMEA

SUBJECT: Denial of exploration project in the amount of $7,142.50
Docket No. DMEA 2346X - Tungsten
Jo Jane Claims Nos. 1, 2 and 3
White Pine Range
Nye County, Nevada

The denial of the subject application by this Division is based on the following information:

1. Limestones of the White Pine Range have been intruded by narrow, fine grained intrusive dikes which, in places, are concordant with the bedding. Close by and paralleling the dikes a narrow quartz vein with accessory stringers can be traced for a distance of 300 feet. Minor scheelite deposition occurs in the quartz vein and stringers. Samples from the better showings gave very low tungsten values. The area indicated very little probability of making a significant mineral discovery.

2. Only one 10-foot cut was found on the property and there is no record of any production.

3. The Field Team and Commodity Division of the U. S. Geological Survey recommend denial.

G. C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

FILE COPY 400
SURNAME:

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

Acting Administrator, DMEA

July 15, 1952

Chapman
Selfridge
Stephens
Lemmon
Hedges

Iron and Ferro-Alloy Division, DMEA

Denial of exploration project in the amount of $7,142.50
Docket No. DMEA 2346X - Tungsten
Jo Jane Claims Nos. 1, 2 and 3
White Pine Range
Nye County, Nevada

The denial of the subject application by this Division is based on the following information:

1. Limestones of the White Pine Range have been intruded by narrow, fine grained intrusive dikes which, in places, are concordant with the bedding. Close by and paralleling the dikes a narrow quartz vein with accessory stringers can be traced for a distance of 300 feet. Minor scheelite deposition occurs in the quartz vein and stringers. Samples from the better showings gave very low tungsten values. The area indicated very little probability of making a significant mineral discovery.

2. Only one 10-foot cut was found on the property and there is no record of any production.

3. The Field Team and Commodity Division of the U. S. Geological Survey recommend denial.

Sgd.

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

TLChapman'lm
7/15/52

cc: Admn. Reading File
Docket
G. C. Selfridge
T. L. Chapman

IN REPLY REFER TO:

G-MD-CF

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

Memorandum July 10, 1952

To: George C. Selfridge, DMEA

From: D. M. Lemmon, USGS

Subject: Field Team Report DMEA 2346 - Tungsten
Homer Roark

Property: Joe Jane claims, Nye County, Nevada

Geology: The property was examined April 24 and May 15 by L. F. Muller of the Bureau of Mines. His report, dated June 30, 1952, recommends denial of the application because exposures sampled contained only 0.02 to 0.19 percent of WO_3, and the probability of making a discovery is poor.

Recommendation: I concur with the recommendation that the application be denied.

Dwight M. Lemmon

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
WASHINGTON
JUL 11 1952

Copy retained 400

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

July 3, 1952

Memorandum

To: DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2346 (Tungsten), Homer Roark, Jo Jane Claims Nos. 1, 2 and 3, Nye County, Nevada

Reference is made to "Review of Application for Exploration Assistance," dated February 12, requesting a report on the applicant's property.

Attached are four copies of a report - DMEA-2346 (Tungsten), Jo Jane Claims Nos. 1, 2 and 3, Nye County, Nevada by L. F. Muller, Mining Engineer, U. S. Bureau of Mines, dated June 30, 1952.

According to the examining engineer, the property is a raw prospect, isolated from labor and supply sources. Exploration could only be done during the summer months due to the climate and road conditions.

The examination revealed only minor amounts of scheelite in zones of strongest mineralization. The samples taken indicated no ore reserves. The nature of scheelite occurrence limits the probability of making a significant mineral discovery by exploration and it is recommended that the application be denied.

The docket is being returned herewith.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to E. H. Bailey, USGS

JUL 8 - 1952

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

Homer Roark

DMEA-2346 (Tungsten), Jo Jane Claims Nos. 1, 2 and 3

Nye County, Nevada

L. F. Muller, Mining Engineer
U. S. Bureau of Mines

June 30, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
LIBRARY
JUL 7 - 1952

Reviewed by
DMEA OPERATING COMMITTEE
7-11-52
(date)

DMEA-2346 (Tungsten), Homer Roark

Jo Jane Claims Nos. 1, 2 and 3
Nye County, Nevada

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

Application for Government assistance (DMEA-2346) by Mr. Homer Roark, Ely, Nevada, to conduct exploration on tungsten claims in Nye County, Nev., has been reviewed in the field.

Proposed exploration included sinking of a shaft, road building, road repair, and water development.

The property is a raw prospect, isolated from labor and supply sources. Exploration could only be done during summer months due to climate and road conditions.

The field examination revealed only minor amounts of scheelite in zones of strongest mineral deposition. Samples indicated no ore reserves. The nature of scheelite occurrence limits the probability of making a significant mineral discovery by exploration.

It is recommended that the application be denied.

INTRODUCTION

An initial examination of the Roark tungsten prospect was made on April 24, 1952 and again on May 15, 1952 by an engineer[1] of the U. S. Bureau of Mines in connection with docket DMEA-2346. Mr. Homer Roark, 150-15th Street, Ely, Nev., and Mr. George Allen, watchman, accompanied the engineer.

The applicant's holdings comprise 8 unpatented mining claims on unsurveyed land on the south slope of the White Pine mountains. The

1/ L. F. Muller

prospect is reached from Currant (Callaways) on U. S. Highway No. 6, 52.3 miles southwest of Ely, Nev., by traveling northwest 9.5 miles on the Duckwater road (Nevada 20), then 10 miles northeast over a poor wagon road, the last 3 miles of which are impassable to passenger vehicles.

The claims extend from bottom to top of a foot-ridge of moderate slope. Altitudes range from 7,000 feet (approximate) in the floor of Broom Canyon to 7,500 feet at the upper or northeast end of the claims. Shallow overburden covers the claims pertinent to exploration, Jo Jane Nos. 1, 2 and 3. With present road conditions, this area is only accessible between May and November.

There is sufficient scrub timber in the area to provide support for exploratory openings. Water for mining and domestic use could be developed from a small spring in the canyon 1,000 feet from the proposed exploration site. Fuel for Diesel or gasoline generation of power would have to be transported from Ely, the nearest rail point.

HISTORY AND PRODUCTION

Claims were located in November 1951. No exploratory or location work has been performed by the applicant. However, a 10-foot cut was made on the present Jo Jane No. 2 claim, presumably to prospect a previous gold-silver location. No production is recorded.

GEOLOGY

The White Pine Range in the vicinity of the property is made up of thin bedded limestones striking N 45° W to N 75° W and dipping 30° to 35° NE. Narrow, northeasterly trending, fine grained light and dark colored intrusive dikes cut and in places are concordant with bedding. These can be traced for approximately 900 feet; and a narrow, closely

paralleling, vertical quartz vein with accessory stringers is visible over the northernmost 300 feet. Limestones are partially silicified adjacent to both dikes and vein.

Traces of scheelite can be observed in thin fractures in limestones over wide areas on both sides of the dike zone. Stronger deposition occurs in conjunction with quartz vein and stringers. However, in the latter case, it was noted that mineral occurrence, with little exception, is in thin crystals in siliceous druses along edges of quartz stringers.

A visual appraisal indicates no reserves of ore under present economic conditions or any conceivable future market.

SAMPLING

Samples were taken from the best mineralized showings and the analyses of these samples indicate only a minor amount of WO_3.

Sample No.	%, WO_3	Width/ ft.
1	0.02	1.0
2	0.02	2.0
3	0.04	3.3
4	0.19	1.5

DISCUSSION OF EXPLORATION

The applicant has requested a loan of $7,142.50 for exploration and preparation for exploration to consist of road building 0.25 miles, road repair 0.10 miles, water development and sinking an inclined shaft 100 feet. A revision of costs and preparation of a suitable program by the enginner in conjunction with the applicant has not been made because of the limited ore exposure. The probability of making a significant ore discovery by any form of exploration is unlikely.

FILE COPY
SURNAME:

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

Brewer
Eckman
Selfridge
Thorn
Hedges

FEB 12 1952

Mr. Homer Roark
150 Fifteenth Street
Ely, Nevada

Re: Docket No. DMEA 2346X - Tungsten
Jo Jane Claims Nos. 1, 2 and 3
White Pine Range
Nye County, Nevada

Dear Mr. Roark:

Your application for assistance in exploring the above noted tungsten property has been reviewed by the Iron and Ferro-Alloy Division of the Defense Minerals Exploration Administration, and has been referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field examination.

The Regional Office will contact you at an early date in regard to the examination of your project. Any assistance that you can give the field team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf (fw) S.W. 2-12-52

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer'lm
2/5/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
Q. L. Brewer

Docket Copy

Surnamed on Original by Brewer Dahon Selfridge

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

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

FEB 12 1952

Dear Sir:

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

Applicant Homer Roark

Docket No. 2346

Commodity Tungsten

Amount $ 7,142.50

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

Sincerely yours,

C. O. Mittendorf (for)

ACTING Chairman, Operating Committee
Defense Minerals Exploration
Administration

A.L.
2-12-52

APPROVED:

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

J. P. Thayer
Member, Geological Survey

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2346

Commodity Tungsten

Total Amount $7,142.50

Govt. Participation $5,356.90

1. Name and Address of Applicant Homer Roark
150 Fifteenth Street
Ely, Nevada

2. Location of Property Jo Jane Claims Nos. 1, 2 and 3
White Pine Range
Nye County, Nevada

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Yes

b) Poor

c) None

d) ~~XXXXXXXXXX~~—needs field examination to check assays, geology and proposed method of work.

e) Is there an alternative and favorable project? Possibly, must be checked.
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No (owner)

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202? _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Only as to sufficiency ofproposal as to equipment and supplies.

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? Yes

10. Exhibit A. (question 21 and 22)*

a) Is the project adequately described? Generally, yes - in detail, no. Should be more clearly described.

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Yes - This appears to be a worthwhile project, but has never been reported upon. ~~The field team should make more than a casual geological examination and their findings should be substantiated by maps and assays.~~ The proposed method of exploration should be reviewed on the ground and an amended proposal submitted if a more suitable method is evolved, subject to the applicant's ability to contribute his portion thereof.

It is assumed this would be done as a matter of course (Operating Committee)

Reviewed by: Q. L. Brewer

Date 2/5/52

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

Brewer
Guhon
Selfridge.

FEB 12 1952

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

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

Applicant Homer Roark

Docket No. 2346

Commodity Tungsten

Amount $ 7,142.50

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

Sincerely yours,

C. Mettendorf

ACTING Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

J. W. Hedges
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2346

Commodity Tungsten

Total Amount $7,142.50

Govt. Participation $5,356.90

1. Name and Address of Applicant Homer Roark
150 Fifteenth Street
Ely, Nevada

2. Location of Property Jo Jane Claims Nos. 1, 2 and 3
White Pine Range
Nye County, Nevada

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery--based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Yes

b) Poor

c) None

d) ~~Doxxxxxxxx~~--needs field examination to check assays, geology and proposed method of work.

e) Is there an alternative and favorable project? Possibly, must be checked.
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No (owner)

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202? _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Only as to sufficiency of proposal as to equipment and supplies.

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

_____

Is a field check needed on this point? Yes

10. Exhibit A. (question 21 and 22)*

a) Is the project adequately described? Generally, yes - in detail, no. Should be more clearly described.

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

_____

_____

_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Yes - This appears to be a worthwhile project, but has never been reported upon. ~~The field team should make more than a casual geological examination and their findings should be substantiated by maps and assays~~. The proposed method of exploration should be reviewed on the ground and an amended proposal submitted if a more suitable method is evolved, subject to the applicant's ability to contribute his portion thereof.

It is assumed this would be done as a matter of course

Reviewed by: Q. L. Brewer

Date 2/5/52

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

FEB 13 AM 11 : 1

SAN FRANCISCO, CALIFORNIA

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

FEB 12 1952

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

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

Applicant Homer Roark

Docket No. 2346

Commodity Tungsten

Amount $ 7,142.50

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

Sincerely yours,

C. O. Mittendorf

ACTING Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

J. H. Hedges

Member, Bureau of Mines

L. P. Thayer

Member, Geological Survey

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2346

Commodity Tungsten

Total Amount $7,142.50

Govt. Participation $5,356.90

1. Name and Address of Applicant Homer Roark
150 Fifteenth Street
Ely, Nevada

2. Location of Property Jo Jane Claims Nos. 1, 2 and 3
White Pine Range
Nye County, Nevada

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If not, application will be rejected.

4. Geologic probability of discovery--based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Yes

b) Poor

c) None

d) ~~XXXXXXXXXX~~--needs field examination to check assays, geology and proposed method of work.

e) Is there an alternative and favorable project? Possibly, must be checked.
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No (owner)

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? **No**

a) MF-201? _____

b) MF-202? _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower **Yes**

b) Equipment and supplies **Yes**
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* **Yes**

d) Water (question 13)* **Yes**

e) Power (question 13)* **Yes**

Is a field check needed on any of these points? **Only as to sufficiency ofproposal as to equipment and supplies.**

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* **Yes**

Is a field check needed on this point? **Yes**

10. Exhibit A. (question 21 and 22)*

a) Is the project adequately described? **Generally, yes - in detail, no. Should be more clearly described.**

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? **Yes**

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? **Yes**

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

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Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? No

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a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

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a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

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It is assumed this would be done as a matter of course
Operating Com.

Reviewed by: Q. L. Brewer

Date 2/5/52

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1979 FEB 13 AM 11 : 11

SAN FRANCISCO, CALIFORNIA

IN REPLY REFER TO:

G-MD-DML

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

February 1, 1952

Memorandum

To: George C. Selfridge, DMEA

From: D. M. Lemmon, U.S.G.S.

Subject: Exploration application $7,142.50 DMEA 2346 - Tungsten
Homer Roark
150 15th St.
Ely, Nevada

Property: Jo Jane Nos. 1, 2, and 3 claims
White Pine Range
"White River National Forest" - (Presumably Nevada National Forest)
Nye County, Nevada

Proposal:

Repair road	$ 300
New road 1/4 mile	700
Inclined shaft (or tunnel?) on vein - 100 ft.	5,000
Ore bin	700
Total	$ 6,700

In the itemized expenditures, the total is $6,962.50. The total given of $7,142.50 is not explained.

Geologic Appraisal:

The Geological Survey apparently has not examined this property. The location is not clearly stated.

The information given by the applicant suggests that additional surface trenching and sampling is required before underground exploration is warranted.

Recommendation:

It is recommended that this docket be referred to the field for examination of the property. Snow will make this area inaccessible until late spring.

Dwight M Lemmon

1 copy returned after use

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

C-MD-DML

February 1, 1952

Memorandum

To: George C. Selfridge, DMSA

From: D. M. Lemmon, U.S.G.S.

Subject: Exploration application $7,142.50 DMSA 2346 - Tungsten
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Dwight M Lemmon

DMLemmon:gt
Copies to: Director's reading file
Branch reading file
E.H.Bailey, San Francisco

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

C-MD-DML

February 1, 1952

Memorandum

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Subject: Exploration application $7,142.50 DMSA 2346 - Tungsten
Homer Roark
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Recommendation:
It is recommended that this docket be referred to the field for examination of the property. Snow will make this area inaccessible until late spring.

Dwight M. Lemmon

DMLemmon:gt
Copies to: Director's reading file
Branch reading file
E.H.Bailey, San Francisco

OFFICE OF THE ADMINISTRATOR

DMEA-2346

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2,Calif.

January 21, 1952

Memorandum

To: Defense Minerals Exploration Administration, Interior Building, Washington, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for an Exploration Loan - Tungsten
Homer Roark, 150 - 15th Street, Ely, Nevada

Attached is an application dated January 8, 1952, by Mr. Homer Roark, Ely, Nevada, for an exploration loan amounting to $7,142.50, of which the Government's share amounts to $5,356.90. Four copies of form MF-103 are attached, together with one envelope containing copies of location notices and assay certificates.

This application was sent to this office and reached us on January 21.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 25 1952

EXPLORATION

Subject: DMEA-2346
Re: EXPLORATION LOAN
Jo Jake No. 1, 2, & 3

Mr. Homer Roark
150-15th Street
Ely, Nevada

My dear Mr. Roark:

This will acknowledge receipt of your application dated January 8, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2346 and referred to the Iron & Ferro-Alloys Division.

Kindly refer to DMEA-2346 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. DMEA-2346
Metal or Mineral
Date Received 1-25-52
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 25 1952

Name and address of applicant

Homer Roark
150-15th St
Ely Nevada

Date Jan 8th 1952

If you have already filed MF-100, give date filed _____, type of assistance requested Exploration,

DMA Docket Number (if available) _____

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Home Road
(Name of company)

By _____
(Signature of authorized official)

Jan 8th 1952
(Date)

Owner
(Title)

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—64067-2

1. (a) This group of eight mineral claims are located on U.S. Government land in White River National Forest, Nye County, Nevada which I have legally discovered, filed, and recorded and performed all necessary requirements. Primarily only three of these claims will be involved in the Exploration Work for which I am herewith making application for loan. They are described as follows: JO JANE NO. 1, NO. 2, and NO. 3 lying in line on The Vein in a north-east and south-west direction, consisting of 4,500 feet in length and 600 feet in width.

The Exploration Work will start approximately in center of the middle of NO. 1 Claim, the original discovery, at a point where ore vein extends above surface. This vein is approximately five feet in width, consisting of quartz veins and lime stone which are mineralized from wall to wall assaying 0.93 WO_3 and other minerals. This Vein runs along and against a green stone diabase dike, the foot wall. This dike can be traced the full length of these three claims, no doubt much farther. The ore Vein appears at various places along the course of the dike. The over-burden prevents it from showing only in a few places in a distance of approximately one thousand feet on mountain side. The diabase dike is approximately ten feet wide which cuts diagonally across a rather large mineralized mountain as per drawing. The other five claims lie to the East and higher on the mountain and are recorded under the name of LOST CABIN, NO. 1, NO. 2, NO. 3, NO. 4, NO. 5. This group was at one time WORKED

1. (a) (Continued)
and was known to produce very high grade lead, copper and silver. They show very good grade "Scheelite" also. They were abandoned at an early day due to transportation and inaccessibility; it was a pack-mule proposition.

I am enclosing assays taken from Vein at original discovery point at surface of JO JANE NO. 1. This ore Vein lies between two very distinct walls, the diabase dike being the foot wall; the other is a form of felsite which is the hanging wall and makes up the surrounding rock on this mountain. The sample of Scheelite that was assayed 0.93 and 0.91 was a fair one taken across face of five foot vein in a proper manner, at the surface. WO_3 also shows at the various other out-croppings along the course of the Vein above and below on this rather steep mountain.

2. I expect to find high-grade "Scheelite" Tungsten principally and perhaps lead, copper, and silver at a reasonable depth. I am confident we will uncover a large deposit of high-grade Tungsten ore due to all indication at the surface. Since having this assay run, we have prospected the Vein lower down the mountain which shows much more promising; also numerous stringer Veins, out-crops and float over this mountain shows Scheelite under the ultra violet lamp of good grade. I have not had a geologic or engineering report made of this property, but I have had several mining men to look it over, including one man who has operated Tungsten Mines throughout the country since 1915 and who is considered one of the best authorities on Scheelite in this section of the country. He says it's the best prospect he has seen in a long time.

It's my opinion that the main reason why these claims have not already been developed is due to their remote location. There are no live stock run in this canyon; it is known as an unused part of the White River National Forest; consequently, no one ever rides there. It is just so situated that big game hunters seldom hunt in it, although it has been locally known for years that lead, copper and silver of a very high grade was packed by mules from these claims in the early days but due to the inaccessibility of them, no one did anything about it. However, no one knew that Tungsten existed in them. They are located 20 miles from oil highway, ten miles from gravel County highway. This last ten miles is an old logging road built in

2. (Continued)

early days from the gravel highway up Broom Canyon to base of mountain within one-quarter mile of JO JANE Tungsten property and to point of Exploration.

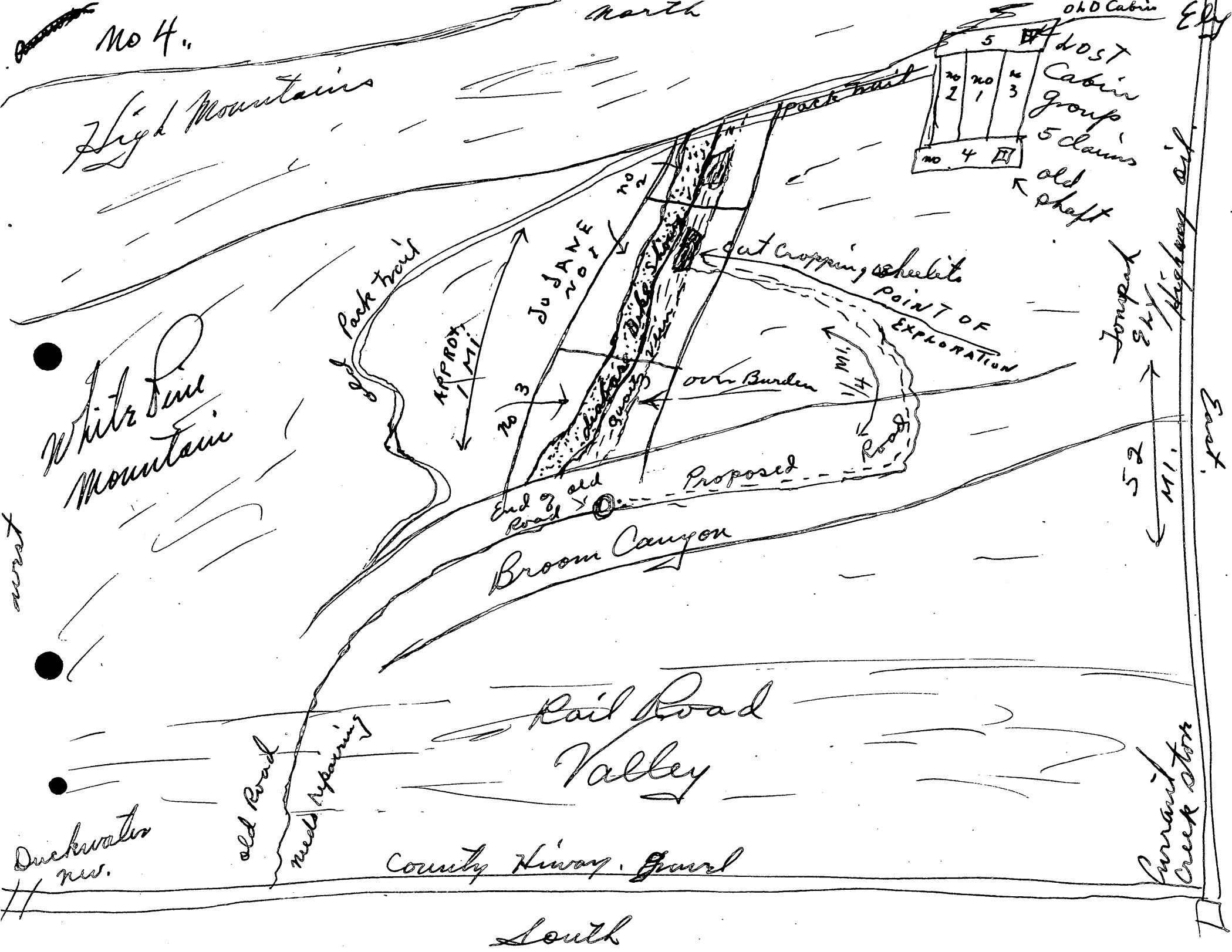
3. (a) Repair old road from gravel highway up Broom Canyon to base of mountain 10 miles. 3 days with bulldozer, 10 hr. days, $10.00 per hour. $ 300.

(b) Build new road approximately one-fourth mile from Canyon floor to point where Exploration Work will begin. 7 days with bulldozer $10.00 per hour, 10 hr. days. $ 700.

(c) Inclind shaft on the Vein. This is a very difficult question to answer, as we all know, but due to the fact that I have milling ore WO_3 at the surface of around 1% and shows even promise of getting better, my honest opinion is that we should encounter an ore body or large deposit of high-grade Tungsten within one hundred feet; figuring thirty dollars per foot for running this tunnel, including one miner, one mucker, supervising the work myself; powder, gasoline, etc. - Five-thousand dollars.

(d) Ready to start Exploration Work immediately upon approval of this loan. Including all preliminary work, the project should be completed within 90 days.

No 4.


North
Old Cabin
Ely
High Mountains
5
4
no 2
no 1
no 3
no 4
Post
Cabin
group
5 claims
old
shaft
pack trail
no 2
Jo Jane
no 1
cut cropping scheelite
POINT OF
EXPLORATION
Old pack trail
APPROX. 1 MI.
no 3
Indian Duke
quartz
over Burden
1/4 MI.
Road
Proposed
End of old Road
Broom Canyon
Forest
Highway
Sec.
52
MI.
Sec.
White Pine
Mountain
West
Rail Road
Valley
old Road
needs repairing
Duckwater
Nev.
County Hiway. Gravel
Smart
Creek Stn
South

5. There are no existing facilities, buildings, etc. on this property at present. I am using trailer house now and will provide tents as housing for workers while doing the Exploration Work and until I am in production.

Owing to the fact that I am starting in milling ore I will need ore bin. There is sufficient timber on the property to build most of it with the exception of doors, iron reinforcements and the labor involved.

Near as can be estimated, including material and labor $ 700.

Material	$ 160.00
Labor	540.00

6. As I understand the purpose of this loan is for Exploration Work only, and not for the purchase of items that could be done without during Exploration, which could be purchased after, or when, if ever, the project is in production.

Therefore, I am listingfacilities, material, etc. that I will actually need while I am developing this property. I am trying to keep the cost of this project within my means as much as possible, as I realize this money will have to be paid back to the Government.

7. List of Equipment to be Rented

1 Denver Gardner Air Compressor with Hose drills complete, except drilling steel @ $250. per month - 90 days $ 750.00

8.

Labor Schedule

1 Miner	- Wages	$1.75	per hr.-	8 Hr.	Day-	$14.-	90	days			$ 1,260.
1 Mucker	"	1.25	"	"	"	"	"	10.	"	"	900.
1 Supervisor	"	1.75	(Myself)	"	"	"	"	14.	"	"	1,260.
1 Carpenter	"	2.50	per hr.	-	"	"	"	20.	15	"	300.
1 Carpenter's Helper		2.00	"	"	-	"	"	"	16.	"	"	240.
											$ 3,960.00

Material to be Purchased

1 Mine Car, Air Pipes Rails drill steel	$ 250.00
1 ton blasting powder, 40%, # 23.50 cwt.	470.00
500 foot fuse @ $1.50 per 100 ft.	7.50
2 Boxes @ $2.50 per box of 100 caps	5.00
Gasoline for Compressor, 20 gal. per day, 30 cents per gal., 1800 for 90 days	540.00
Engineering	270.00
Assaying	50.00
Developing spring for Camp and Compressor water	500.00
2 doors, iron reinforcements, hinges, and lumber for ore bin	160.00

10. I am prepared to handle the twenty-five per cent of the cost of the project as required in accordance with the regulations on Government participation.

The exact amount that I am asking for is $7,142.50. TOTAL

LESS MY 25% — 1,785.60

$ 5,356.90

11. Enclosed find assays sheets, location notices and photographs of the JO JANE mining Claims NO. 1, NO. 2, NO. 3.

I would appreciate it very much if you would return these items back to me. I would like to mention the fact that a company known as Baltimore Camas Mining Co. has agreed to build a Custom Tungsten Mill here in Ely this spring which will be a great advantage for the small local mine operators.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

JAN 21 AM 9:10

SAN FRANCISCO, CALIFORNIA

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. DMGA-2346
Metal or Mineral
Date Received 1-25-52
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 25 1952

Name and address of applicant

Homer Roark
150-15th St
Ely Nevada

Date Jan 8th 1952

If you have already filed MF-100, give date filed No, type of assistance requested Exploration,

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Homer Roark
(Name of company)

By _____
(Signature of authorized official)

Jan 8th 1952
(Date)

Owner
(Title)

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—64067-2

1. (c) This group of eight mineral claims are located on U.S. Government land in White River National Forest, Nye County, Nevada which I have legally discovered, filed, and recorded and performed all necessary requirements. Primarily only three of these claims will be involved in the Exploration Work for which I am herewith making application for loan. They are described as follows: SO SMALL NO. 1, NO. 2, and NO. 3 lying in line on the Vein in a north-east and south-west direction, consisting of 4,500 feet in length and 600 feet in width.

The Exploration Work will start approximately in center of the middle of NO. 1 Claim, the original discovery, at a point where ore vein extends above surface. This vein is approximately five feet in width, consisting of quartz veins and lime stone which are mineralized from wall to wall assaying 0.93 WO_3 and other minerals. This Vein runs along and against a green stone diabase dike, the foot wall. This dike can be traced the full length of these three claims, no doubt much further. The ore Vein appears at various places along the course of the dike. The over-burden prevents it from showing only in a few places in a distance of approximately one thousand feet on mountain side. The diabase dike is approximately ten feet wide which cuts diagonally across a rather large mineralized mountain as per drawing. The other five claims lie to the East and higher on the mountain and are recorded under the name of EAST SMALL NO. 1, NO. 2, NO. 3, NO. 4, NO. 5. This group was at one time WORKED

1. (a) (Continued)
and was known to produce very high grade lead, copper and silver. They show very good grade "Scheelite" also. They were abandoned at an early day due to transportation and inaccessibility; it was a pack-mule proposition.

I am enclosing assays taken from Vein at original discovery point at surface of JO JANE NO. 1. This ore Vein lies between two very distinct walls, the diabase dike being the foot wall; the other is a form of felsite which is the hanging wall and makes up the surrounding rock on this mountain. The sample of Scheelite that was assayed 0.93 and 0.91 was a fair one taken across face of five foot vein in a proper manner, at the surface. WO_3 also shows at the various other out-croppings along the course of the Vein above and below on this rather steep mountain.

2. I expect to find high-grade "Scheelite" Tungsten principally and perhaps lead, copper, and silver at a reasonable depth. I am confident we will uncover a large deposit of high-grade Tungsten ore due to all indication at the surface. Since having this assay run, we have prospected the Vein lower down the mountain which shows much more promising; also numerous stringer Veins, out-crops and float over this mountain shows Scheelite under the ultra violet lamp of good grade. I have not had a geologic or engineering report made of this property, but I have had several mining men to look it over, including one man who has operated Tungsten Mines throughout the country since 1915 and who is considered one of the best authorities on Scheelite in this section of the country. He says it's the best prospect he has seen in a long time.

It's my opinion that the main reason why these claims have not already been developed is due to their remote location. There are no live stock run in this canyon; it is known as an unused part of the White River National Forest; consequently, no one ever rides there. It is just so situated that big game hunters seldom hunt in it, although it has been locally known for years that lead, copper and silver of a very high grade was packed by mules from these claims in the early days but due to the inaccessibility of them, no one did anything about it. However, no one knew that Tungsten existed in them. They are located 20 miles from oil highway, ten miles from gravel County highway. This last ten miles is an old logging road built in

2. (Continued)

early days from the gravel highway up Broom Canyon to base of mountain within one-quarter mile of JO JANE Tungsten property and to point of Exploration.

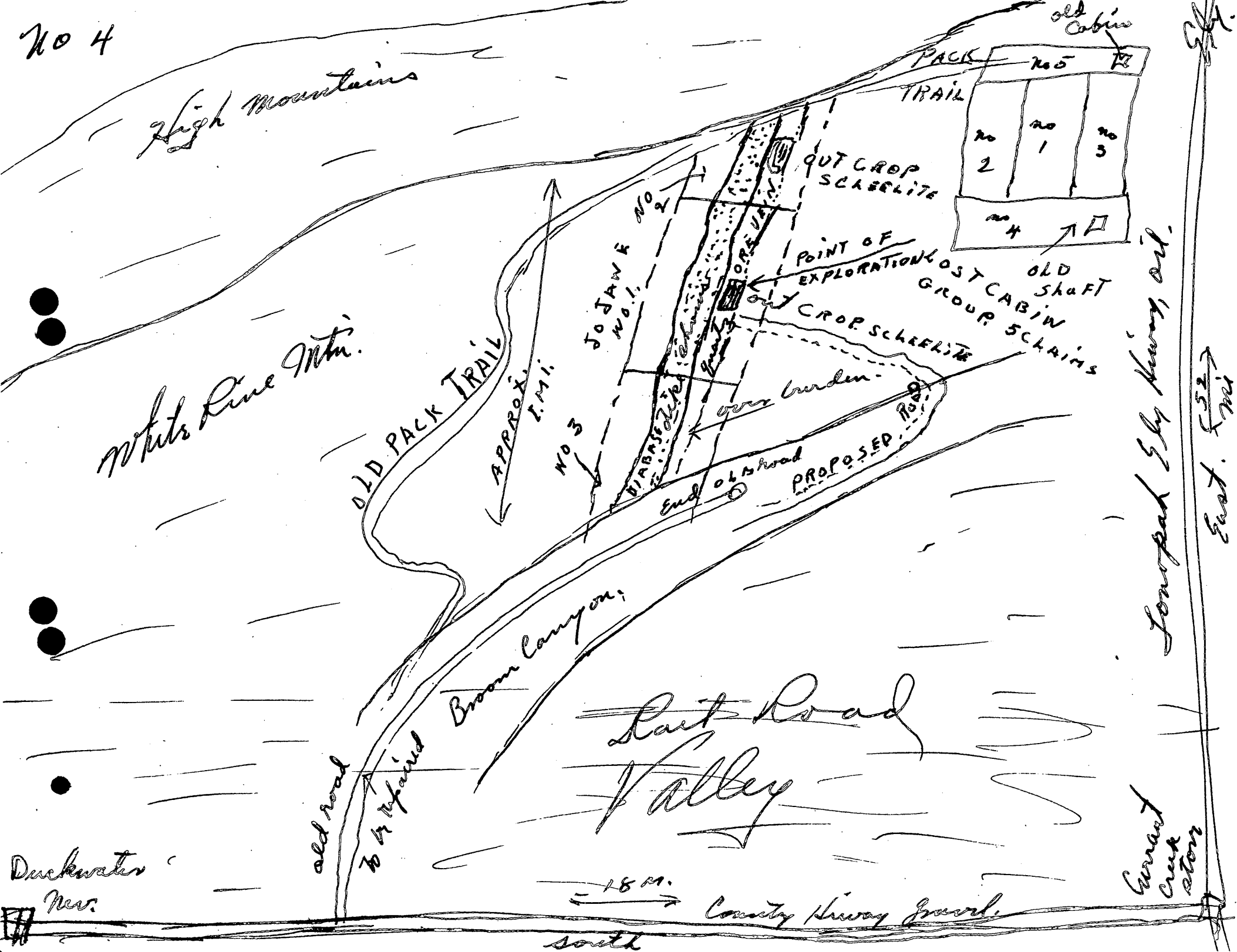
3. (a) Repair old road from gravel highway up Broom Canyon to base of mountain 10 miles. 3 days with bulldozer, 10 hr. days, $10.00 per hour. $ 300.

(b) Build new road approximately one-fourth mile from Canyon floor to point where Exploration Work will begin. 7 days with bulldozer $10.00 per hour, 10 hr. days. $ 700.

(c) Inclind shaft on the Vein. This is a very difficult question to answer, as we all know, but due to the fact that I have milling ore WO_3 at the surface of around 1% and shows even promise of getting better, my honest opinion is that we should encounter an ore body or large deposit of high-grade Tungsten within one hundred feet, figuring thirty dollars per foot for running this tunnel, including one miner, one mucker, supervising the work myself; powder, gasoline, etc. - Five-thousand dollars. 5,000

(d) Ready to start Exploration Work immediately upon approval of this loan. Including all preliminary work, the project should be completed within 90 days. 6,000

No 4


High mountains
White Pine Mtn.
OLD PACK TRAIL
APPROX. 1 mi.
No 3
JO JAWE No 1
No 2
DIABASE DIKE
ORE VEIN
OUT CROP SCHEELITE
POINT OF EXPLORATION
OUT CROP SCHEELITE
over burden
End old road
PROPOSED ROAD
PACK TRAIL
No 5
old Cabin
No 2
No 1
No 3
No 4
OLD SHAFT
POST CABIN
GROUP 5 CLAIMS
Broom Canyon
Salt Road
Valley
old road to be repaired
Duckwater Nev.
18 mi.
County Highway Gravel
south
Tonopah 5 by Highway 61.
East 52 mi
Grant Creek Station

5. There are no existing facilities, buildings, etc. on this property at present. I am using trailer house now and will provide tents as housing for workers while doing the Exploration Work and until I am in production.

Owing to the fact that I am starting in milling ore I will need ore bin. There is sufficient timber on the property to build most of it with the exception of doors, iron reinforcements and the labor involved.

Near as can be estimated, including material and labor $ 700.

Material	$ 160.00
Labor	540.00

6,700

6. As I understand the purpose of this loan is for Exploration Work only, and not for the purchase of items that could be done without during Exploration, which could be purchased after, or when, if ever, the project is in production.

Therefore, I am listingfacilities, material, etc. that I will actually need while I am developing this property. I am trying to keep the cost of this project within my means as much as possible, as I realize this money will have to be paid back to the Government.

7. List of Equipment to be Rented

1 Denver Gardner Air Compressor with Rose drills complete, except drilling steel @ $250. per month - 90 days $ 750.00

6,700
7,450

8.

Labor Schedule

1 Miner	- Wages	$1.75	per hr.	- 8	Hr.	Day-	$14.	- 90	days	$ 1,260.
1 Mucker	"	1.25	"	"	"	"	"	10.	"	" 900.
1 Supervisor	"	1.75	(Myself)		"	"	"	14.	"	" 1,260.
1 Carpenter	"	2.50	per hr.	-	"	"	"	20.	15	" 300.
1 Carpenter's Helper		2.00	"	"	-	"	"	"	16.	" " 240.
										$ 3,960.00

7,450
11,410

Material to be Purchased

1 Mine Car, Air Pipes Rails drill steel	$ 250.00
1 ton blasting powder, 40%, @ 23.50 cwt.	470.00
500 foot fuse @ $1.50 per 100 ft.	7.50
2 Boxes @ $2.50 per box of 100 caps	5.00
Gasoline for Compressor, 20 gal. per day, 30 cents per gal., 1800 for 90 days	540.00
Engineering	270.00
Assaying	50.00
Developing spring for Camp and Compressor water	500.00
2 doors, iron reinforcements, hinges, and lumber for ore bin	160.00

10. I am prepared to handle the twenty-five per cent of the cost of the project as required in accordance with the regulations on Government participation.

The exact amount that I am asking for is $7,142.50. TOTAL
LESS MY 25% - 1,785.60
$ 5,356.90

11. Enclosed find assays sheets, location notices and photographs of the JO JANE mining Claims NO. 1, NO. 2, NO. 3.

I would appreciate it very much if you would return these items back to me. I would like to mention the fact that a company known as Baltimore Canas Mining Co. has agreed to build a Custom Tungsten Mill here in Ely this spring which will be a great advantage for the small local mine operators.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

FEB 13 AM 11:11

SAN FRANCISCO, CALIFORNIA

DEPARTMENT OF INTERIOR
DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

JAN 21 AM 9:18

SAN FRANCISCO, CALIFORNIA
SAN FRANCISCO, CALIFORNIA

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. DMEA-2346
Metal or Mineral
Date Received 1-25-52
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 25 1952

Name and address of applicant

Homer Roark
150 - 15th St.
Ely, Nevada

150 - 15th St.

Date Jan 8th, 1952

If you have already filed MF-100, give date filed No, type of assistance requested Exploration,

DMA Docket Number (if available)

Tungsten

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Homer Doak
(Name of company)

By _____
(Signature of authorized official)

Jan 8th 1952
(Date)

owner
(Title)

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—64067-2

1. (a) This group of eight mineral claims are located on U.S. Government land in White River National Forest, [illegible] County, through which I have legally discovered, filed, and recorded and performed all necessary requirements. Primarily only three of these claims will be involved in the exploration work for which I am herewith making application for loan. They are described as follows: JO ANN No. 1, No. 2, and No. 3 lying in line on the vein in a northeast and south-west direction, consisting of 4,500 feet in length and 600 feet in width.

The Exploration Work will start approximately in center of the middle of No. 2 Claim, the original discovery, at a point where the vein outcrops above surface. This vein is approximately five feet in width, consisting of quartz veins and lime stone which are mineralized from wall to wall carrying 0.03 [illegible] and other minerals. This vein runs along and against a granite stone dike [illegible], the foot wall. This dike can be traced the full length of these three claims, no doubt much farther. The ore vein outcrops at various places along the course of the dike. The over-burden prevents it from showing only in a few places for a distance of approximately one thousand feet on mountain side. The Out-crop dike is approximately ten feet wide which cuts diagonally across a rather large mineralized [illegible] per [illegible].

The other five claims lie to the east and higher on the mountain and are recorded under the name of [illegible] No. 1, No. 2, No. 3, No. 4, No. 5. This group was at one time WORKED

2. (a) (Continued)

and the mines to produce very high grade lump, [illegible] [illegible]. They [illegible] very [illegible] grade "[illegible]" [illegible]. They were [illegible] at an early day due to transportation and inaccessibility, it was a [illegible] proposition.

I am enclosing sample taken from Vein at [illegible] (See survey plat at [illegible] of [illegible] No. 3. This one vein lies between two very distinct walls, the [illegible] wall being the [illegible] wall, the other is a kind of [illegible] which is the hanging wall and [illegible] to the [illegible] [illegible] as the [illegible]. The sample of [illegible] of the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] I expect to find the [illegible] [illegible] [illegible]

2. (Continued)

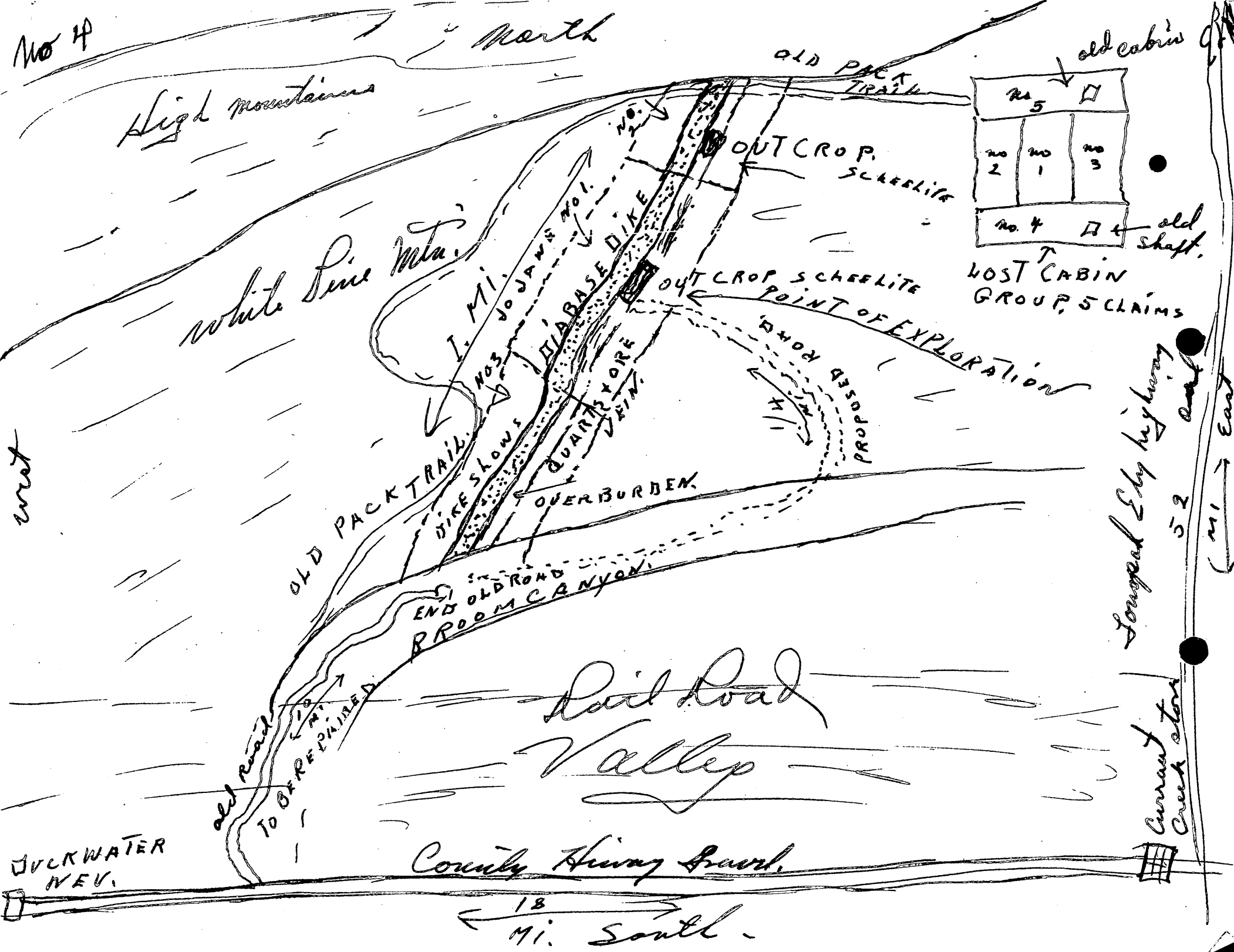
early days since the cause history of [illegible] due to [illegible] [illegible] cells of [illegible] [illegible] [illegible] and no point of [illegible].

2. (a) [illegible] old road [illegible] highway [illegible] Camp to [illegible] of [illegible] 10 miles. 3 days with bulldozer, [illegible] hr. days, ($10.00 per hour). $390.

(b) Build new road [illegible] one-fourth mile [illegible] Camp [illegible] to [illegible] 7 days with bulldozer ($10.00 per hour, 10 hr. days. $700.

(c) [illegible] shaft on the vein. This is a very difficult question to answer, as no one knows, but due to the fact that I have [illegible] of the [illegible] of [illegible], etc. - [illegible].

(d) [illegible] of this [illegible]. [illegible] all preliminary work, the project [illegible] be completed within 90 days.


No 4
North
High mountains
OLD PACK TRAIL
old cabin
No 5
No 2
No 1
No 3
No 4
old shaft
LOST CABIN GROUP, 5 CLAIMS
OUTCROP SCHEELITE
OUTCROP SCHEELITE
POINT OF EXPLORATION
White Pine Mtn.
1 MI.
JOJAN No 1
DIABASE DIKE
No 3
DIKE SHOWS
QUARTZ ORE VEIN
PROPOSED ROAD
OVERBURDEN
OLD PACK TRAIL
END OLD ROAD
BROOM CANYON
Lost Road Valley
old road
10 MI. TO BE REPAIRED
West
East
Longpeak Sky highway
52 MI.
Current Creek store
WUCKWATER NEV.
County Hiway Gravel
18 MI. South

5. There are no existing facilities, buildings, etc. on this property at present. [illegible] provide [illegible] [illegible] [illegible] [illegible]

Owing to the fact that I am planning [illegible] there is sufficient timber on the property to build most of it with the exception of [illegible] and the labor involved.

Cost [illegible] including material and labor $ [illegible]

Material	$ [illegible]
Labor	[illegible]

6. As I understand the purpose of this form is for information [illegible] only, and not for the purpose of [illegible] that could be [illegible] without [illegible] information, which would be [illegible] either, or [illegible], if [illegible], the project is in [illegible].

Therefore, I am [illegible], [illegible], etc. that I will certainly need while I am developing this property. I am trying to keep the cost of this project [illegible] as [illegible] as possible, as I realize this money will have to be paid back to the Government.

[illegible]

[illegible]

[illegible]

[illegible]

1	[illegible]	-	[illegible]	(1.75	per	hr. -	[illegible]	per	25. -	[illegible]	days	1,750.
1	[illegible]	"	1.25	"	"	"	"	"	10.	"	"	900.
2	[illegible]	"	1.75	(2/[illegible])	"	"	"	"	25.	"	"	1,500.
1	[illegible]	"	5.00	per hr. -	"	"	"	"	25.	15	"	300.
2	[illegible]	[illegible]	5.00	"	"	-	"	"	"	10.	"	"	100.
												3,550.00

Amount to be Charged

1 Mass Corp. [illegible]	[illegible]
1 [illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Graphite [illegible]	[illegible]
Incidentals	[illegible]
Labor	[illegible]
Geologist [illegible]	[illegible]
2 [illegible]	[illegible]

[illegible]

[illegible] TOTAL

LESS MY 25% 1,785.60

~~$~~ 5,356.90

11. Look at [illegible] photographs of the [illegible] Nos. 1, No. 2, No. 3.

I would appreciate it very much if you could return these [illegible] to me. I would like to contact the [illegible] and a company [illegible] Custom Radio Co. has agreed to [illegible] advertisement. [illegible] this [illegible] would be a good [illegible] for the small local area operation.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
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1979 JAN 31 AM 9:10

SAN FRANCISCO, CALIFORNIA

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 1 1952

Docket No. DMEA-2346
Date Received 1-25-52
Amount $
Participation (Government %)

Name and address of applicant

Homer Roark
150 - 15th St
Ely Nevada

Date Jan 8th 1952

If you have already filed MF-100, give date filed ....., type of assistance requested Exploration,

DMA Docket Number (if available) .....

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specially and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Homer Roark
(Name of company)

By
(Signature of authorized official)

Jan 8th 1952
(Date)

Owner
(Title)

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—64067-2

1. (a) This group of eight mineral claims are located on U.S. Government land in White River National Forest, Nye County, Nevada which I have legally discovered, filed, and recorded and performed all necessary requirements. Primarily only three of these claims will be involved in the Exploration Work for which I am herewith making application for loan. They are described as follows: JO JANE NO. 1, NO. 2, and NO. 3 lying in line on The Vein in a north-east and south-west direction, consisting of 4,500 feet in length and 600 feet in width.

The Exploration Work will start approximately in center of the middle of NO. 1 Claim, the original discovery, at a point where ore vein extends above surface. This vein is approximately five feet in width, consisting of quartz veins and lime stone which are mineralized from wall to wall assaying 0.93 WO_3 and other minerals. This Vein runs along and against a green stone diabase dike, the foot wall. This dike can be traced the full length of these three claims, no doubt much farther. The ore Vein appears at various places along the course of the dike. The over-burden prevents it from showing only in a few places in a distance of approximately one thousand feet on mountain side. The diabase dike is approximately ten feet wide which cuts diagonally across a rather large mineralized mountain as per drawing. The other five claims lie to the East and higher on the mountain and are recorded under the name of LOST CABIN, NO. 1, NO. 2, NO. 3, NO. 4, NO. 5. This group was at one time WORKED

1. (a) (Continued)
and was known to produce very high grade lead, copper and silver. They show very good grade "Scheelite" also. They were abandoned at an early day due to transportation and inaccessibility; it was a pack-mule proposition.

I am enclosing assays taken from Vein at original discovery point at surface of JO JANE NO. 1. This ore Vein lies between two very distinct walls, the diabase dike being the foot wall; the other is a form of felsite which is the hanging wall and makes up the surrounding rock on this mountain. The sample of Scheelite that was assayed 0.93 and 0.91 was a fair one taken across face of five foot vein in a proper manner, at the surface. WO_3 also shows at the various other out-croppings along the course of the Vein above and below on this rather steep mountain.

2. I expect to find high-grade "Scheelite" Tungsten principally and perhaps lead, copper, and silver at a reasonable depth. I am confident we will uncover a large deposit of high-grade Tungsten ore due to all indication at the surface. Since having this assay run, we have prospected the Vein lower down the mountain which shows much more promising; also numerous stringer Veins, out-crops and float over. this mountain shows Scheelite under the ultra violet lamp of good grade. I have not had a geologic or engineering report made of this property, but I have had several mining men to look it over, including one man who has operated Tungsten Mines throughout the country since 1915 and who is considered one of the best authorities on Scheelite in this section of the country. He says it's the best prospect he has seen in a long time.

It's my opinion that the main reason why these claims have not already been developed is due to their remote location. There are no live stock run in this canyon; it is known as an unused part of the White River National Forest; consequently, no one ever rides there. It is just so situated that big game hunters seldom hunt in it, although it has been locally known for years that lead, copper and silver of a very high grade was packed by mules from these claims in the early days but due to the inaccessibility of them, no one did anything about it. However, no one knew that Tungsten existed in them. They are located 20 miles from oil highway, ten miles from gravel County highway. This last ten miles is an old logging road built in

2. (Continued)

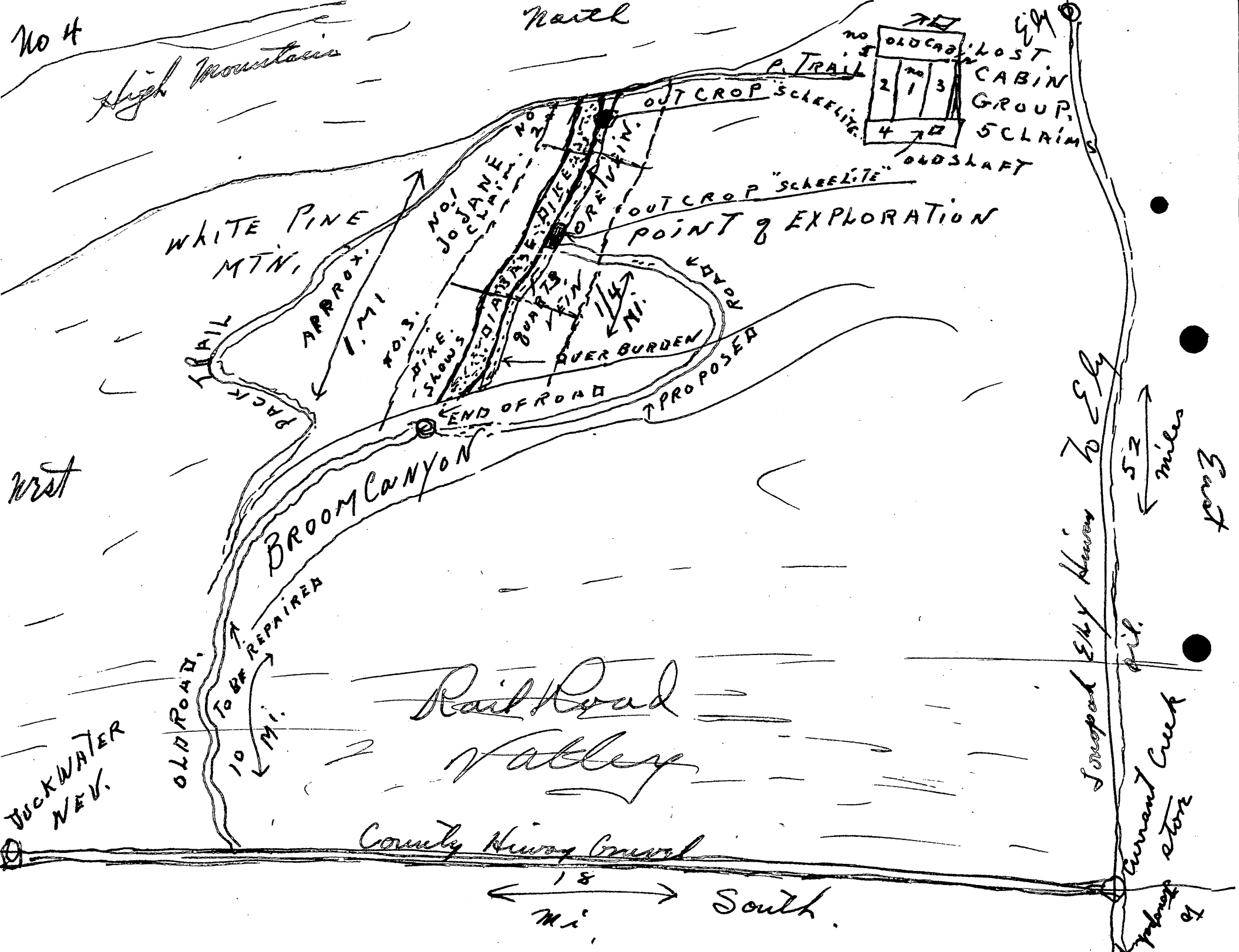
early days from the gravel highway up Broom Canyon to base of mountain within one-quarter mile of JO JANE Tungsten property and to point of Exploration.

3. (a) Repair old road from gravel highway up Broom Canyon to base of mountain 10 miles. 3 days with bulldozer, 10 hr. days, $10.00 per hour. $ 300.

(b) Build new road approximately one-fourth mile from Canyon floor to point where Exploration Work will begin. 7 days with bulldozer $10.00 per hour, 10 hr. days. $ 700.

(c) Inclind shaft on the Vein. This is a very difficult question to answer, as we all know, but due to the fact that I have milling ore WO_3 at the surface of around 1% and shows even promise of getting better, my honest opinion is that we should encounter an ore body or large deposit of high-grade Tungsten within one hundred feet; figuring thirty dollars per foot for running this tunnel, including one miner, one mucker, supervising the work myself; powder, gasoline, etc. - Five-thousand dollars.

(d) Ready to start Exploration Work immediately upon approval of this loan. Including all preliminary work, the project should be completed within 90 days.


No 4
North
High Mountains
OLD CAB
no 5
LOST CABIN GROUP, 5 CLAIMS
P. TRAIL
OUTCROP SCHEELITE
no 1
2
3
4
OLD SHAFT
no 2
OUTCROP "SCHEELITE"
POINT of EXPLORATION
WHITE PINE MTN.
NO. 1 JO JANE CLAIM
DIKE
ORE VEIN
APPROX. 1 MI
TRAIL
PACK
F.O.S.
DIKE SHOWS
DIABASE
QUARTZ VEIN
1/4 MI.
ROAD
OVER BURDEN
PROPOSED
END OF ROAD
BROOM CANYON
West
OLD ROAD
TO BE REPAIRED
10 MI.
Railroad Valley
DUCKWATER NEV.
County Hiway Gravel
18 Mi.
South
To Ely
57 miles
Ely
Proposed Ely Hiway
Current Creek
Pioneer Store

5. There are no existing facilities, buildings, etc. on this property at present. I am using trailer house now and will provide tents as housing for workers while doing the Exploration Work and until I am in production.

Owing to the fact that I am starting in milling ore I will need ore bin. There is sufficient timber on the property to build most of it with the exception of doors, iron reinforcements and the labor involved.

Near as can be estimated, including material and labor $ 700.

Material	$ 160.00
Labor	540.00

6. As I understand the purpose of this loan is for Exploration Work only, and not for the purchase of items that could be done without during Exploration, which could be purchased after, or when, if ever, the project is in production.

Therefore, I am listingfacilities, material, etc. that I will actually need while I am developing this property. I am trying to keep the cost of this project within my means as much as possible, as I realize this money will have to be paid back to the Government.

7. List of Equipment to be Rented

1 Denver Gardner Air Compressor with Hose drills complete, except drilling steel @ $250. per month - 90 days $ 750.00

8.

Labor Schedule

1 Miner - Wages	$1.75	per hr.-	8 Hr.	Day-	$14.-	90	days	$ 1,260.
1 Mucker "	1.25	" "	"	"	"	10.	" "	900.
1 Supervisor "	1.75	(Myself)	"	"	"	14.	" "	1,260.
1 Carpenter "	2.50	per hr. -	"	"	"	20.	15 "	300.
1 Carpenter's Helper	2.00	" " -	"	"	"	16.	" "	240.
								$ 3,960.00

Material to be Purchased

1 Mine Car, Air Pipes Rails drill steel	$ 250.00
1 ton blasting powder, 40%, # 23.50 cwt.	470.00
500 foot fuse @ $1.50 per 100 ft.	7.50
2 Boxes @ $2.50 per box of 100 caps	5.00
Gasoline for Compressor, 20 gal. per day, 30 cents per gal., 1800 for 90 days	540.00
Engineering	270.00
Assaying	50.00
Developing spring for Camp and Compressor water	500.00
2 doors, iron reinforcements, hinges, and lumber for ore bin	160.00

10. I am prepared to handle the twenty-five per cent of the cost of the project as required in accordance with the regulations on Government participation.

The exact amount that I am asking for is $7,142.50. TOTAL
LESS MY 25% — 1,785.60
$ 5,356.90

11. Enclosed find assays sheets, location notices and photographs of the JO JANE mining Claims NO. 1, NO. 2, NO. 3.

I would appreciate it very much if you would return these items back to me. I would like to mention the fact that a company known as Baltimore Camas Mining Co. has agreed to build a Custom Tungsten Mill here in Ely this spring which will be a great advantage for the small local mine operators.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
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1968 JAN 22 AM 9:13

SAN FRANCISCO, CALIFORNIA