DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 562-X

To: Reports and Records Branch Quint Eureka Gold Mines Co.

From: LEAD ZINC BRANCH

Date: JUL 6 1951

The following action has been taken this date on the above Controlled Document.

Forwarded to

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

On hand - to be denied

Interior--Duplicating Section, Washington, D. C.

98869

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 562X

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

_____

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

To:	COORDINATING COMMITTEE	Date	7/16/51
To:	Field Team Region II	Date	7/16/51
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. _____

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

Exploration loan

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

To:	Supply Division	Date	9-10-51
To:	Reports and Records	Date	SEP 11 1951
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DO NOT DETACH

CONTROLLED DOCUMENT

INT.-DUP. SEC., WASH., D.C. 98868

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

SEP 12 1951

a. E. e -

Memorandum

Re: DMA-562
Orient Eureka Gold Mines Co.
Stevens County, Washington
Exploration loan
Lead, Zinc

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of exploration loan

A field team examination has been made on the property. They do not believe that additional exploration will discover higher grade ore. The exposed ore examined was low grade and confined to a single mineralized dike. Also, the competence of the applicant is questionable.

After reviewing all data, we agree with the field team in recommending that this application for a loan should be denied.

Returned herewith:

1 Copy MF-103
3 Copies field team report
6 Copies Exploration Project Contract

T. P. Billings, Chief
Lead-Zinc Branch

Approved:

Director, Supply Division

FILE COPY
SURNAME:

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

SEP 12 1951

Newcomb (ETK)
McKnight
Billings
Bishop

Re: DMA-562
Orient Eureka Gold Mines Co.
Stevens County, Washington
Exploration loan
Lead, zinc

Memorandum

To: Reports and Records Unit
Administrative Management Division

From: Chief, Lead-Zinc Branch

G. E. C.

Subject: Denial of exploration loan

A field team examination has been made on the property. They do not believe that additional exploration will discover higher grade ore. The exposed ore examined was low grade and confined to a single mineralized dike. Also, the competence of the applicant is questionable.

After reviewing all data, we agree with the field team in recommending that this application for a loan should be denied.

Returned herewith:

1 Copy MF-103
3 Copies field team report
6 copies Exploration Project Contract

T. P. Billings, Chief
Lead-Zinc Branch

9/12

Approved:

Director, Supply Division

ABCampbell:emp
G 9-7-51
Copies to: A. E. Weissenborn Region II (2)
Chief, Lead-Zinc Br.
R. H. Mote
E. T. McKnight 4204 GSA
Directors r. files 4214 GSA
Br. r. files 4214 GSA
Administrators r. file
DMA docket files

FILE COPY
SURNAME: 350

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

SEP 12 1951

Re: DMA-562

Newcomb (ETM)
McKnight
Wilkinson
Bishop

G. E. C.

Mr. Roy Lee
Orient Eureka Gold Mines Co.
1502 S. Ainsworth Street
Tacoma, Washington

Dear Mr. Lee:

The Defense Minerals Administration has reviewed your application for an exploration loan. We have the report of a field examination made on your property. From the information available to us, we conclude that the grade of lead, zinc, and copper mineralization on your property is too low for profitable mining, and there is little chance of finding richer ore by further exploration. I regret, therefore, that we are unable to approve an expenditure of public funds for your project.

We wish to thank you for bringing this property to our attention.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

JF 9/12

ELNewcomb:emp
G 9-7-51
Copies to: A. E. Weissenborn Region II (2)
Chief, Lead-Zinc Branch
E. T. McKnight 4204 GSA
R. H. Mote
Directors r. files 4214 GSA
Br. r. files 4214 GSA
Administrators r. file
DMA docket files

FILE COPY
SURNAME:

Billings
McKnight
O'LEARY
(FOR NOTE)

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

July 27, 195

DMA-562X

Mr. Roy Lee, Treasurer
Orient Eureka Gold Mines Company
Orient, Washington

Dear Mr. Lee:

Your letter of July 21 to Mr. Tom Lyon has been referred to me.

It is gratifying to read your words of appreciation of our efforts in the processing of your application. This is to assure you that we are doing everything possible to expedite its final action.

Yours very truly,

T. P. Billings, Chief
Lead-Zinc Branch

TPBILLINGS:ks

cc: Reports & Records
Note
McKnight
Billings
Files

Doc. 562

858

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 30 1951
LOUIS F. STROBEL
Executive Secretary

July 23, 1951

Through: L. F. Strobel

Memorandum

To: Otto Herres, Chairman, Lead-Zinc Branch, DMA, Washington 25, D. C.

From: DMA Field Team, Region II

Subject: Orient-Eureka Gold Mines Company
Stevens County, Washington
DMA 563 X
562

Enclosed herewith is a report (four copies) by R. H. Hundhausen, Bureau of Mines, on the subject property, along with an exploration contract (six copies) and docket material.

Development consists of a 560 foot adit crosscutting scattered small quartz veins at the north end of the property and a 150 foot vertical shaft, called the Hercules, now flooded below 30 feet. An inclined winze intersecting the Hercules shaft just above the water level follows a fine-grained siliceous dike approximately 5 feet wide, showing 1-to 2-inch veinlets of lead and zinc sulphides forming low-grade mineralization over the width of the dike. The dike has caused intense wall rock alteration accompanied by disseminated lead sulphides. A blue white fluorescing mineral thought to be scheelite also was noted in the walls.

The Field Team does not believe that further exploration of the mineralized dike is likely to find ore of better grade than now exposed. The competence of the applicant to carry out an exploration program is also questionable. For these reasons the Field Team cannot recommend the project very strongly.

Elton A. Youngberg
Elton A. Youngberg
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: L. F. Strobel
U.S.B.M. Spokane
U.S.B.M. Albany

M. E. Volin
M. E. Volin, Member
(U. S. Bureau of Mines)

AUG 2 1951

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Sec. 167 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 30 1951
L. P. STROBEL
Secretary

July 23, 1951

Through: L. P. Strobel

Memorandum

To: Otto Herres, Chairman, Lead-Zinc Branch, DMA, Washington 25, D. C.

From: DMA Field Team, Region II

Subject: Orient-Eureka Gold Mines Company
Stevens County, Washington
DMA 563.1

Enclosed herewith is a report (four copies) by R. E. Sundhausen, Bureau of Mines, on the subject property, along with an exploration contract (six copies) and docket material.

Development consists of a 300 foot adit transecting recovered small quartz veins at the north end of the property and a 150 foot vertical shaft, called the Hercules, now flooded below 30 feet. An inclined winze intersecting the Hercules shaft just above the water level follows a fine-grained siliceous dike approximately [illegible] feet wide, showing [illegible] stringers of lead and zinc sulphides forming low-grade mineralization over the width of the dike. The dike has caused intense wall rock alteration accompanied by disseminated lead sulphides. A blue white fluorescing mineral thought to be scheelite also was noted in the walls.

The Field Team does not believe that further exploration of the mineralized dike is likely to find ore of better grade than now exposed. The competence of the applicant to carry out an exploration program is also questionable. For these reasons the Field Team cannot recommend the project very strongly.

Milton A. Roumberg
for: A. S. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: L. P. Strobel
W.S.B.M. Spokane
[illegible] Albany
DMA file

W. P. Wolin, Member
(U. S. Bureau of Mines)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible] Second Street
Spokane 4, Washington

July 13, 1951

[illegible] Through: [illegible] Turnbul

Memorandum

To: Otto Herres, Chairman, Land-Use Branch, [illegible], Washington 25, D. C.

From: [illegible] Field Team, Region II

Subject: Orient-Tunnels Gold Mines Company
Stevens County, Washington
[illegible] 502 [illegible]

Enclosed herewith is a report (four copies) by [illegible] Anthesen, Bureau of Mines, on the subject property, along with an exploration contract (six copies) and docket material.

Development consists of a 500 foot adit transmitting contained small quartz veins at the north end of the property and a 150 foot vertical shaft, called the Tunnels, now flooded below 30 feet. An inclined mine intersecting the Tunnels shaft just above the water level follows a fine-grained diabase dike approximately 5 feet wide, showing two 2-inch veinlets of lead and zinc sulphides forming low-grade mineralization over the width of the dike. The dike has caused intense wall rock alteration accompanied by disseminated lead sulphides. A blue white fluorescing mineral thought to be scheelite also was noted in the walls.

The field team does not believe that further exploration of the mineralized dike is likely to find ore of better grade than now exposed. The competence of the applicant to carry out an exploration program is also questionable. For these reasons the Field Team cannot recommend the project very strongly.

Simon [illegible] Teunbergen
for: [illegible] Weissenborn
Executive Officer,
Field Team, Region II

Enclosures

cc: [illegible] Turnbul
G.S.N.P., Spokane
[illegible], Albany
[illegible]

[illegible] Volk, Author
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible] Idaho [illegible]

[illegible] 157 Howard Street
Spokane 4, Washington

July 23, 1951

[illegible] Strobel

Memorandum

To: Otto Berry, Chairman, Leadville Branch, [illegible], Washington 25, D. C.

From: [illegible] Field Team, Region II

Subject: Giant-Aurora Lead Dike Property
Stevens County, Washington
[illegible] 6[illegible]

Enclosed herewith is a report (four copies) by [illegible] Hamlhausen, Bureau of Mines, on the subject property, along with an exploration contract (six copies) and docket material.

Development consists of a 300 foot adit crosscutting scattered small quartz veins at the north end of the property and a 150 foot vertical shaft, called the Aurora, now flooded below 30 feet. An inclined raise intersecting the Aurora shaft just above the water level follows a fine-grained siliceous dike approximately 6 feet wide, showing [illegible] veinlets of lead and zinc sulphides forming low-grade mineralization over the width of the dike. The dike has caused intense wall rock alteration accompanied by disseminated lead sulphides. A blue white fluorescing mineral thought to be scheelite also was noted in the [illegible].

The Field Team does not believe that further exploration of the mineralized dike is likely to find ore of better grade than now exposed. The competence of the applicant to carry out an exploration program is also questionable. For these reasons the Field Team cannot recommend the project very strongly.

[illegible] Hamlberg
For: A. E. Weissenborn
Executive Officer, [illegible]
Field Team, Region II

Enclosures

cc: [illegible] Strobel
[illegible] Spokane
[illegible] Albany
[illegible]

W. V. Polin, Owner
[illegible] Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

No. 157 Howard Street
Spokane 4, Washington

July 25, 1951

Through: L. F. Strobel

Memorandum

To: Otto Herres, Chairman, Leadville Branch, DMA, Washington 25, D. C.

From: Field Team, Region II

Subject: Orientecreek Gold Mines Company
Stevens County, Washington
DMA 821 1

Enclosed herewith is a report (four copies) by G. H. Gaskhausen, Bureau of Mines, on the subject property, along with an exploration contract (six copies) and docket material.

Development consists of a 240 foot adit approximately centered small quartz veins at the north end of the property and a 180 foot vertical shaft, called the Veraulos, now flooded below 50 feet. An inclined crosscut intersecting the Veraulos shaft just above the water level follows a clay-grained siliceous dike approximately 3 feet wide, showing with numerous veinlets of lead and zinc sulphides forming low-grade mineralization over the width of the dike. The dike has caused intense wall rock alteration accompanied by disseminated lead sulphides. A blue white fluorescing mineral thought to be scheelite also was noted in the walls.

The Field Team does not believe that further exploration of the mineralized dike is likely to find ore of better grade than has been exposed. The competence of the applicant to carry out an exploration program is also questionable. For these reasons the Field Team cannot recommend the project very strongly.

Eldon A. Youngberg
for: E. W. Weissenborn
Executive Officer,
Field Team, Region II

Enclosures

cc: L. F. Strobel
Wenatchee Spokane
Wenatchee Albany
Nelson

E. J. Volin, Member
(U. S. Bureau of Mines)

Orient Eureka Gold Mines Company

Orient, Washington

July 21st, 1951.

Defense Minerals Administration
Washington, D. C.

Re; DMA-562X.

Dear Mr. Lyon:-

Accept our appreciation of your letter of July 16th. Now that a little Irish blood is instilled at that end, we feel sure things will start to hum.

Today have prepared and sent the required information along to Mr. Weissenborn and know he will give this matter his best consideration. He is a good friend of Mr. Glover, the State Geologist, who was somewhat surprised at the samples submitted.

Have a son over there with you in the City of Heat. He writes that past reflexions were not exagerated.

Luck to you and thanks for your early consideration.

Very truly yours.

Orient Eureka Gold Mines Company.

By - Roy Lee - Treas.

Roy Lee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 24 1951
LANDON F. STROBEL
Executive Secretary

"Help Keep Washington Green and Prosperous"

JUL 24 1951

5

Orient Eureka Gold Mines Company

Orient, Washington

July 21, 1951.

Re; DHA 562X

Answers to questions 21 and 23 Form MF-103.

The purpose of the proposed work is to pump the Water from the Hercules shaft and drift 45 ft. Northeasterly as per Mr. Young's report and recommendations. It should require not longer than three weeks.

No. 23-

(a)3 Miners (one mucker in this number) and a Hoist man @ $11.80 per diem.
(b)Sup rvisor @ $15.00 per day.
(c)No rpeairs to buildings expected.
(d)None.
(e)Pump (app. $150) Electric Motor ($350 to $500)
(f)If equipment purchased-no rental required.
(g)None of present equipment suitable for electric operation and REA is available and they are willing to install any required lines for special operations.
(h)Powder, drills etc app. $250 including powder.
(i)Water plentiful at hand and Electric current as mentioned in (g) is reasonable and will help the overall income of this system.

Respectfully submitted.

Roy Lee.

FILE COPY
SURNAME:

McKnight
Tom

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

July 16, 1951

JUL 17 1951

Mr. Roy Lee, Treasurer
Orient Eureka Gold Mines Company
1502 S. Ainsworth
Tacoma, Washington

Dear Mr. Lee:

Your application for a loan of $2000 to explore the property of the Orient Eureka Gold Mines Company in Stevens County, Washington, has been reviewed by the Defense Minerals Administration.

The exploration form (MF-103) has several questions essential to approval of an exploration loan that were not included in the questionnaire which you answered and turned in on March 14. The most important questions are numbers 21 and 23, which are checked on the enclosed copy of the form. As the exploration loan is a contract with the applicant for him to perform certain specified work that is described in the application, it is important that these questions be answered. In answering question 21 you should be specific in showing which one of the numerous workings on your property is to be explored. Will you please send the answers to these questions to Mr. A. E. Weissenborn, Executive Officer, DMA Field Team, South 157 Howard Street, Spokane 8, Washington, to whom your application is being referred for advice.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Enc.

ETMcKNIGHT:emp
G 7/16/51

Copies to: A. E. Weissenborn Region II (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

Dinar 5762

B

856

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

Mr. A. E. Weissenborn
Executive Officer, DMA Field Team
Region II
South 157 Howard Street
Spokane 8, Washington

Dear Sir:

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

Docket No. 562X

Commodity Copper, zinc, lead

Applicant Orient Eureka Gold Mines Co., Roy Lee, Treasurer
1502 S. Ainsworth, Tacoma, Washington

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

Very truly yours,

Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

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

7-16-51

Mr. A. E. Weissenborn
Executive Officer, DMA Field Team
Region II
South 157 Howard Street
Spokane 8, Washington

Dear Sir:

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

Docket No. 562X

Commodity Copper, zinc, lead

Applicant Orient Eureka Gold Mines Co., Roy Lee, Treasurer
1502 S. Ainsworth, Tacoma, Washington

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

Very truly yours,

Tom Lyon
Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Olaf N. Rove
For Geological Survey

McKnight
6/5/51 Bishop

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 562X

Commodity Copper, zinc, lead

Total Amount $2,000

Govt. Participation 50%

1. Name and Address of Applicant Orient Eureka Gold Mines Company, Roy Lee, Treasurer, 1502 S. Ainsworth, Tacoma, Washington

2. Location of Property 4 1/2 miles from Orient Washington, Sec. 25, T. 40 N., R. 36 E., Stevens County, Washington

3. Mineral or metal Copper, zinc, lead Is it listed in Section 9 of MO-5? Yes

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

b) Poor

c) None

d) Don't know—needs field examination X

e) Is there an alternative and favorable project?
(If so, attach an explanation)

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

6. If applicant is a lessee, is a copy of the lease attached?

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 - for $2000 not much needed
(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? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Don't know, but probably no, though he says competent mining experience available.

Is a field check needed on this point? _____

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? No way of telling

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? Can't tell

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? No way to tell - no cost breakdown

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? No cost breakdown

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

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____

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

a) Are there sufficient data? No cost breakdown

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

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? No cost breakdown

b) Sufficient data?

c) Reasonable?

d) Field check needed?

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

(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? Applicant sent answers to a preliminary questionnaire on March 14 and has failed to give any answers on questions 21-24 of MF-103. I believe project is worthless, but will probably take a field examination to determine. You will probably need answers to questions 21 and 23 before making an examination. The "geologic" reports are worthless.

Reviewed by: E. T. McKnight - GS

Date 7-16-51

INT.-DUP. SEC., WASH., D.C. 99009

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 562X

Commodity Copper, zinc, lead

Total Amount $2,000

Govt. Participation 50%

1. Name and Address of Applicant Orient Eureka Gold Mines Company, Roy Lee, Treasurer, 1502 S. Ainsworth, Tacoma, Washington

2. Location of Property 4 1/2 miles from Orient Washington, Sec. 25, T. 40 N., R. 36 E., Stevens County, Washington

3. Mineral or metal Copper, zinc, lead Is it listed in Section 9 of MO-5? Yes

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 _____

b) Poor _____

c) None _____

d) Don't know—needs field examination X

e) Is there an alternative and favorable project? _____
(If so, attach an explanation)

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

6. If applicant is a lessee, is a copy of the lease attached? _____

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 - for $2000 not much needed
(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? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Don't know, but probably no, though he says competent mining experience available.

Is a field check needed on this point? _____

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? No way of telling

If not, what part of it is? _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? Can't tell

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? No way to tell - no cost breakdown

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? No cost breakdown

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

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____

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

a) Are there sufficient data? No cost breakdown

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

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? No cost breakdown

b) Sufficient data?

c) Reasonable?

d) Field check needed?

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

(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? Applicant sent answers to a preliminary questionnaire on March 14 and has failed to give any answers on questions 21-24 of MF-103. I believe project is worthless, but will probably take a field examination to determine. You will probably need answers to questions 21 and 23 before making an examination. The "geologic" reports are worthless.

Reviewed by: E. T. McKnight - GS

Date 7-16-51

INT.-DUP. SEC., WASH., D.C. 99009

UNITED STATES
DEPARTMENT OF INTERIOR
OSCAR L. CHAPMAN-SECRETARY

DEFENSE MINERALS ADMINISTRATION

Report by Examination Team
Region II

DMA-562--Orient-Eureka Gold Mines Co.

Stevens County, Washington

R. J. Hundhausen
U. S. Bureau of Mines

July 3, 1951

DMA EXAMINATION TEAM REPORT

DMA Docket No. 562

R. J. Hundhausen, USBM

Orient-Eureka Gold Mines Co.
Lead-Zinc
Stevens County, Washington
July 3, 1951

RECOMMENDATIONS

It is recommended that the applicant be granted an exploration contract amounting to $2000: of this sum, the applicant is willing to furnish 50 percent, or $1000.

APPLICANT

The applicant is the Orient-Eureka Gold Mines Co., a Washington State Corporation. Mr. Roy Lee, 1502 South Ainsworth, Tacoma, Washington, is secretary-treasurer.

LOCATION

An examination of the Orient-Eureka Gold Mines property was made on June 14, 1951, in company with Mr. Carl A. Sanstrom, of Kettle Falls, Washington.

The property is situated east of the Kettle River in Stevens County about 5 miles by road from Rockcut, the nearest railroad shipping point. Rockcut is 4 miles by road (U. S. highway 395) north of Orient, Washington.

No company property maps were available at the time of examination; Fig. 1 accompanying this report is a sketch map showing the claims as accurately as known. Various claims in

the property are situated in secs. 24 and 25, T. 40 N., R. 36 E., and secs. 19 and 30, T. 40 N., R. 37 E., W.m.

DESCRIPTION OF THE DEPOSITS

The workings consist of a number of scattered cuts and pits along a two mile ridge trending northward. At the north end of the property a 560-foot adit has been driven eastward into the ridge in an attempt to intersect scattered small quartz veins found on the surface. A careful examination of this adit failed to reveal any important vein structures. The face of the main tunnel is in hard, dark, basic porphyry, probably a diorite porphyry.

The most important sign of mineralization in the tunnel was noted 300 feet in from the portal. At this point the right wall shows fairly heavy iron carbonate staining together with an 1/8-inch calcite coating on the rock.

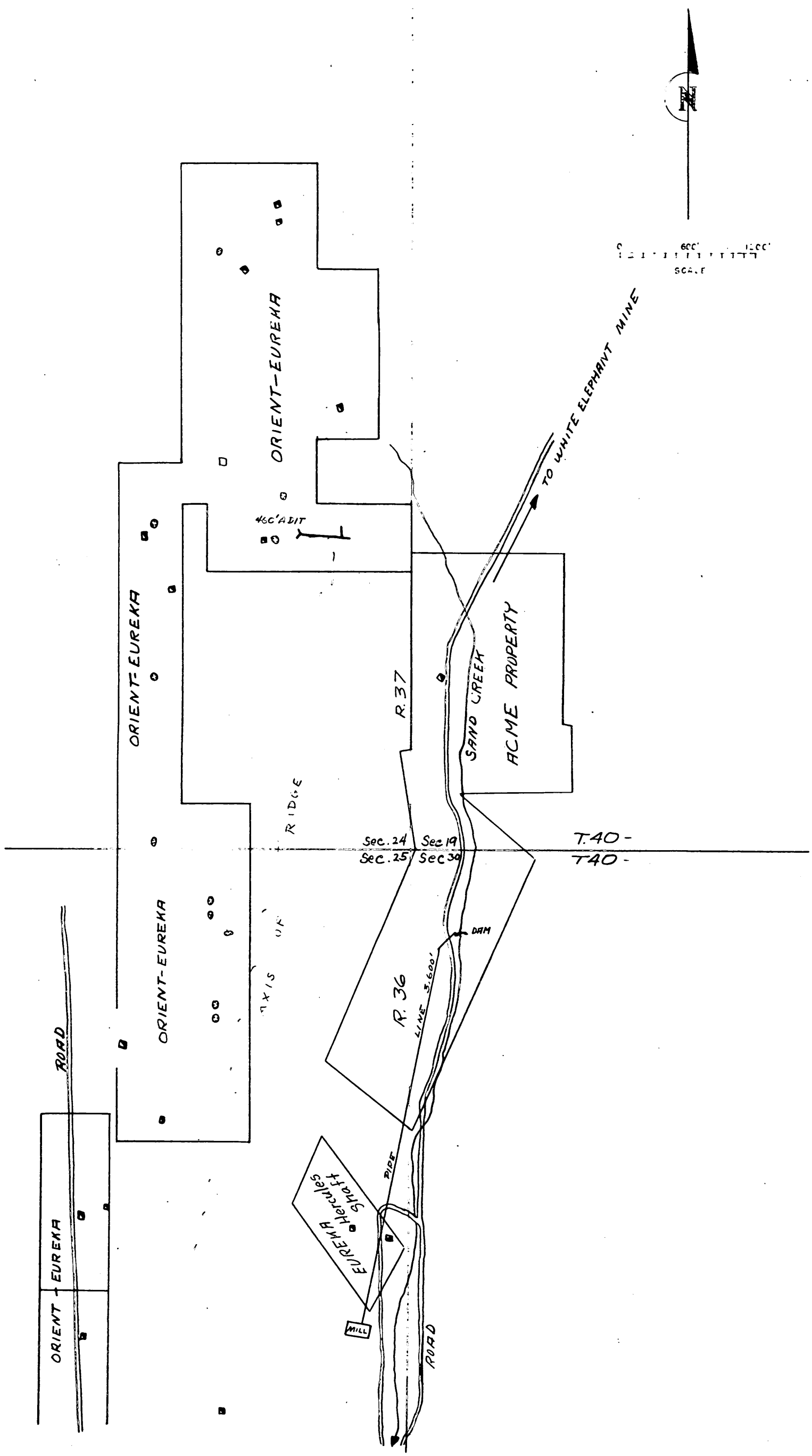
At a point 400 feet from the portal, a 100-foot drift has been driven due north on a barren fault zone 8 to 12 inches wide.

The tunnel dump reveals scattered pyrite mineralization in a fine grained siliceous breccia, a rock resembling quartzite. Other rocks on the dump include porphyry (diabase), diorite, and gabbro. The rocks evidently are of a very complex origin and highly metamorphosed. With the exception of the quartz breccia, most of the rocks are quite basic.

About a mile south of the tunnel, the company has sunk a 150-foot vertical shaft called the Hercules. This shaft is flooded and inaccessible below 30 feet. A 50-foot drift is reported to have been driven eastward from a station at a depth of 90 feet. Little information is available as to the rock structures in the shaft. Mr. Sanstrom reported finding a small pyrite lens in a fold near the point where the drift was started.

About 40 feet east of the vertical shaft, an inclined winze 40 feet in depth has been sunk on a fine grained siliceous dike approximately 5 feet in width. The winze intersects the Hercules at a vertical depth of about 30 feet, just at the present water level. The dike structure in places is fractured from footwall to hanging wall. In some of these small fractures 1 to 2-inch veinlets of lead and zinc sulfides may be seen over a distance of 4 to 6 feet. The average grade of the ore as seen in the walls of the winze is low. Apparently this flat-dipping intrusion has caused considerable alteration of the surrounding rocks. The rocks on the dump from the vertical shaft are bleached, chloritized, serpentinized, and pyritized.

Some of the soft brecciated, chloritized, greenish rock contains disseminated lead sulfides, a fact not previously known to Mr. Sanstrom. He was quite certain that the greenish rock came from the upper fifty feet of the shaft, because he



Sketch map of Orient-Eureka property, Stevens County, Washington.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 5 0 1951

UNITED STATES
DEPARTMENT OF INTERIOR
OSCAR L. CHAPMAN-SECRETARY

DEFENSE MINERALS ADMINISTRATION

Report by Examination Team
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Some of the soft brecciated, chloritized, greenish rock contains disseminated lead sulfides, a fact not previously known to Mr. Sanstrom. He was quite certain that the greenish rock came from the upper fifty feet of the shaft, because he

was with the company when the shaft was sunk to its present depth and did not recall finding any similar rock in the interval from 50 to 150 feet.

COMPANY PROPOSAL

The company proposes a matching fund exploration project. Company finances are low, therefore the contract proposed is for only $2000, of which the government's share would be fifty percent, or $1000.

The company has no topographic maps, no mine maps, no assay maps, and no geologic maps. Furthermore, the company had no specific exploration plan prior to the Bureau's examination. The proposal made herein was discussed with and approved by Mr. Sandstrom and has the written carte blanche approval of Mr. Lee, the company treasurer.

DISCUSSION OF PROPOSAL

Additional exploration work is warranted in the vicinity of the Hercules shaft. A blue-white fluorescent mineral (probably scheelite) was discovered by the writer to be present in small amounts in the disseminated lead ore. No assays are available yet to determine what the scheelite or lead ore grade may be. The type of mineralization, however, suggests contact metamorphism.

If this zone of mineralization is found within 50 feet of the surface, as it appears it may be, then some shallow diamond

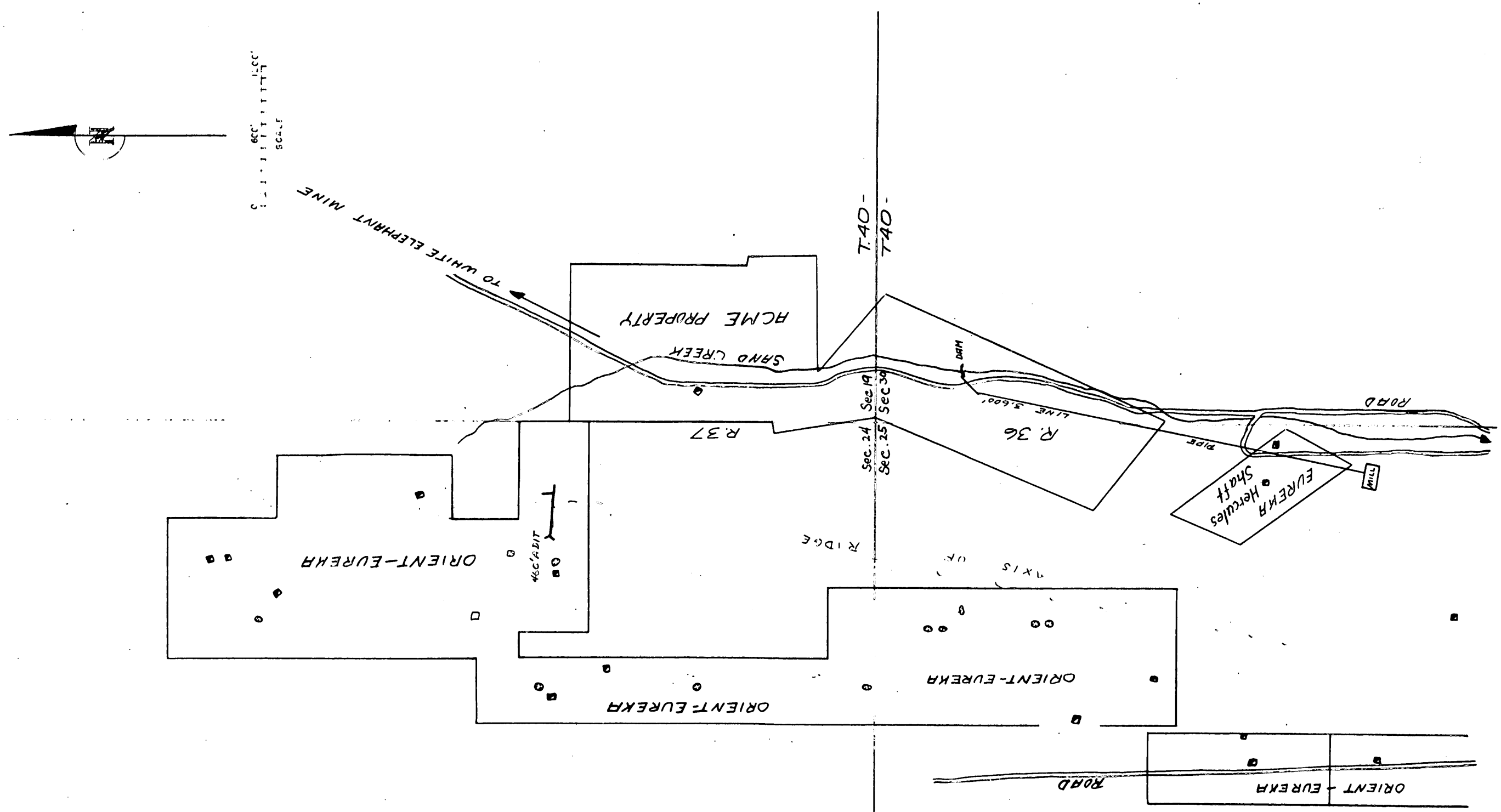
drilling would help to pick up the attitude and extent of the ore-body. Water for drilling is available and drilling conditions are generally good. The rock should core nicely, but it is recommended that AX core be obtained. For $2000 only about 300 feet of drilling could be done. Probably 3 holes, 100 feet in length, would be of some value. These holes would give a much clearer picture of the structures present and would furnish data for a more accurate appraisal.

COMPETENCE OF APPLICANT

The company lacks working capital and experienced engineering management. Mr. Lee, the company teasurer, is by his own admission "a neophyte where ores are concerned." Mr. Sanstrom is a hard working prospector capable of directing a shaft sinking venture or of handling a small producing mine.

CONCLUSIONS AND RECOMMENDATIONS

The possibility of finding a commercial ore deposit is fair. It is recommended that AX core be obtained to facilitate logging and to insure good recoveries.



Sketch map of Orient-Eureka property, Stevens County, Washington.

FILE COPY
SURNAME:

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

June 21, 1951

Mr. Roy Lee, Treasurer
Orient Eureka Gold Mines Company
Orient, Washington

Subject: DMA-562X
Exploration Loan

My dear Mr. Lee:

Receipt is acknowledged of your application and attachments of April 26, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-562X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on June 14, 1951.

In any future correspondence relating to your application, kindly refer to DMA-562X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
✓File
Herres
Lyon

DMA-562

FILE COPY
SURNAME:

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

APR 12 1951

McKnight
Mills
Herres

In reply please
refer to DMA-562

Mr. Roy Lee
1502 S. Ainsworth
Tacoma, Washington

Dear Mr. Lee:

This will acknowledge receipt of your letter of March 14 to Dr. James Boyd, enclosing your answers to the questionnaire that we sent you concerning your property, and enclosing also a preliminary geologic report on this property by James A. Connors, and another report on geophysical investigations by James C. Young; property in in Orient Mining district, Stevens County, Washington.

Where an applicant has sufficient proven reserves of strategic materials, Federal aid in mining can be given through procurement contracts for such materials as are in short supply. On the strength of these contracts, the applicant can obtain private financing in most instances. At the present time procurement contracts are being negotiated for zinc and copper, but no specific program for lead procurement has yet been set up. It is necessary for the Defense Minerals Administration to certify a project before contracts can be made, and this will require an investigation of reserves and mining feasibility by Government geologists and engineers.

The Connors report, enclosed with your letter, states that 300,000 tons of ore are "blocked out" on one vein and 130,000 tons on another, but the character and grade of this ore is not stated. If this ore is accessible, an examination could be made which, if it corroborates the tonnage and establishes a satisfactory grade, would be the basis for negotiation of a procurement contract. However, it is not obvious from the information submitted by you that this ore is now accessible, or that it has actually been developed to the point where the reserves will meet the minimum requirements for certification.

If you consider that your ore is sufficiently proven, we would like to receive further details from you that would establish the tonnage of your ore, such as any maps showing the complete workings, and the distribution and grade of the ore in these workings. The material previously presented by you indicates that there are three shafts. One, 65 feet deep, on the north part of the property, is full of debris. Another (the Hercules shaft), 55 feet deep, is

DMA 562

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supposed to reach ore at a depth of 90 feet or by drifting 30 feet from its present bottom, according to a geophysical report by Mr. Young, but this evidence is insufficient to establish ore without further exploration. No information is given on the third shaft, but if it is the only underground working that is accessible, there is probably not enough information to establish a significant tonnage of reserves. The Connors report is too vague to be of much value in establishing reserve tonnage. The Young geophysical report implies that the Hercules shaft is the best bet for development work. Considering that there is no proven ore here, it seems doubtful from the evidence submitted, that your property is ready for a procurement contract or production loan.

If the ore is not sufficiently proven, it will be necessary for an exploration project to be undertaken in order to establish the reserves. The program recently approved for encouragement of exploration of strategic materials calls for participation on the part of the applicant. For zinc, lead, and copper deposits it will be necessary to match Government funds on an equal basis. Funds advanced by the Government will be considered a loan, to be repaid if the exploration is profitable, but to be canceled if unsuccessful. The details of the plan, explaining the projects that will be eligible for assistance, the terms and schedules of financing, repayment, and other pertinent information, are enclosed.

If you care to make an application for exploration aid, we will be pleased to consider it. You should be specific concerning the work that you wish to undertake and the funds that you would like to have matched by the Government.

Very truly yours,

Otto Herres

OTTO HERRES, Chief
Lead-Zinc Branch

Enclosures
ETMcKnight:emp G 4/11/51
Copies to: A. E. Weissenborn, Region II (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
L. B. Moon
R. H. Mote
L. F. Strobel
C. O. Mittendorf
Files

LANDON F. STROBEL

1502 So. Ainsworth
Tacoma, Wash.
March 14, 1951

Mr. Boyd
Mr. Lee

United States
Department of the Interior
Defence Minerals Adminstration
Washington, D.C.

Mr. Boyd:

Enclosed are answers to questions received a few days ago.

The Application for Government Loan will be filled out as soon as possible and sent to DMA.

Hope we may hear from you as soon as is convenient.

Yours truly

Roy Lee

Roy Lee
Treasure,
Orient-Eureka Gold Mines Co.
Orient, Wash.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 23 951
LANDON F. SCHOBEL
Executive Secretary

Mr. Lyon 562

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 23 1951
LANDON F. STROBEL
Executive Secretary

1502 So. Ainsworth
Tacoma, Wash.
March 14, 1951

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Department of the Interior
Defence Minerals Adminstration
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Orient, Wash.

MAR 27 1951 5

DM - 1

UNITED STATES
DEPARTMENT OF THE INTEF
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE MAR 23 1951

REFERRED TO:

1. ~~Mr. Olson~~
2.
3. ~~Mr. Herres - 3616~~
4. Strobel

FOR:

_____ Action

_____ Approval

_____ Comment

_____ Recommendation

_____ Reply for signature of _____

✓ Your information

REMARKS: This is a lead-zinc explor. project, if anything. Please give this a DM of Tennessee. O.W.

Check (X) before the items needing attention.

HANDON F. STROBEL
Initials of sender.

Interior – Bureau of Mines, Pittsburgh, Pa.

BUREAU OF MINES
WASHINGTON, D.C.
MAR 22 2 24 PM '51

Dlle 562

QUESTIONAIRE

In supplying the information needed, the numbering shown in this questionnaire should be used, but the questions need not be repeated. Please return this questionnaire with your reply.

Date _____

1. Name and address of company (or individual)

2. Materials Produced

   What are the chief mine, mill or smelter products?
   What are the by-products, if any?

3. Name (s) and Type (s) of mine (s), mill (s), smelter (s), refinery (ies), pit, quarry, drilling operation (s)

   Extent of workings. Wet or Dry.
   Size or Productive capacity

4. Location (of each operation listed above)

   Distance and direction from nearest town and shipping point.
   Mining District
   Township, Section, Range
   County, State

5. Experience of Operators

   Give in full the mining and general business experience of (a) the applicant and (b) the person or persons who will manage the project.

6. History

   (a) Give a full statement of previous exploration, development, operation, and production of property.

   (b) State briefly the known history and production of adjoining and neighboring properties.

   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

Dma 562

7. Production

	ITEM (a)	KIND OF PRODUCT (b)	1948 TOTAL (c)	1949 TOTAL (d)	1950 TOTAL (e)	PRESENT AVERAGE MONTHLY (f)
1.	Quantity of product mined, (Short, long, metric tons: barrels, pounds, etc.)					
2.	Quantity of product processed (specify unit of measure.)					
3.	Total dollar value of products based on ~~N.~~E. and ~~M.~~J.* or other quotations (specify) F.O.B. mine, mill, smelter or refinery.					

8. Ore or Mineral Reserves

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves that might be pertinent.

(1) Submit assay plans and/or sections showing location and size of proved (measured), probable (indicated), and possible (inferred) ore reserves.

(2) State the tonnage and grade of each class of ore reserve, as above, and show how computed. Tabulate total ore reserve as follows:

* Engineering and Mining Journal

Rma 562

TOTAL ORE RESERVES

Ore or Mineral Reserve	Estimated tons	Metal or Mineral content per ton (grade)	Gross value per ton	Recoverable Unit value per ton	Estimated cost of production per ton
Measured					
Indicated					
Inferred					

9. Access Roads

Give road distances to shipping, supply and residence points, stating kind and condition of roads. If road must be built or improved for the purpose of this operation (or related project) or for subsequent production describe in detail and estimate cost.

10. Climate

Describe climate insofar as it affects operations. (rainfall, snowfall, temperature range)

11. Water Supply

State source and quantity of water available for operations and whether sufficient for all seasons of year. If water supply must be developed for purpose of this project or for subsequent operations, describe how this is to be done and give estimated cost.

12. Power

State power requirements and source thereof. If new power facilities must be installed, describe in detail.

Dma 562

13. Labor and Housing

(a) State number and classes (miners, muckers, millmen, etc.) of men employed.

(b) State whether an adequate supply of experienced workmen of all classes are available.

(c) State current wage scale in district or in nearest mining district.

14. Equipment and Facilities

(a) Describe fully present equipment on the property, including buildings. (State condition)

(b) Are additional equipment or facilities necessary? If so, describe fully.

15. Government Assistance

Describe briefly type (s)of government assistance to be requested:

(1) Priorities, allocation of materials, maintenance, repair and operating supplies?

(2) Government loans?

(3) Purchase contracts?

(4) Other types of contracts?

(5) Amortization Deductions?

Dma 562

1. Orient Eureka Gold Mines Co. Orient, Wash.

2. Lead, Zinc, Copper.
Gold and Silver.

3. Shaft and Tunnel operations. Wet to the extent of minor seepage but surface water due to melting snow heavy. Easily controlled.
Capacity according to Geologist Connors about 450,000 tons on one property. According to Geologist Young ; very rich in copper, zinc lead and other baser metals.

4. About 4½ miles from nearest town of Orient, and about 22 miles from new concentrate smelter at Kettle Falls.
Orient Mining District.
Township 40, Section 25, Range 36.
Stevens County; State of Washington.

5. General Business experience satisfactory but mining experience-Zero. All will be entrusted to competent mining engineer.

6. This property and adjoining properties was and were explored by H. C. Topping, A. B. Hansen and another by the name of Robertson. All have pased on and their sole object was Gold discovery. It was only within the past year that three stockholders took a Geiger Counter to the properties and became interested in its reactions and the baser metal assays. The development was by tunnels and shafts. There has seemed to have been very little sense or reason used in development- just trust to blind luck. The only production attempted was for Gold and some of the rock was transported in suit cases for personal gain. The baser metal ore was dumped on the workings and no attention payed to it. Apparently some Iron ore is available.
b. The adjoining property is known as The Silent Bell. Its shaft is unique in that it stairsteps down from level to level but it has shiped and produced baser metals. It is now in the process of Diamond drilling for a shaft.
c. Copies attached.

7. No work with the exception of assessment has been done on the properties in the years mentioned mainly due to the fact 10¢ stock pays few miners' present wages.
The quantity of product processed and the dollar value must of necessity be nil for the years in question.

8.(a) The reports submitted to question 6 by Geologists should answer this question in minutest detail. Also parts (1) and (2). The total ore reserves could be estimated at fabulous amounts but we think it best to follow the Geologists' reports submitted and the computationsfrom these should be no mean amount.

Dma 562

9. In the respect of road access and distances to shipping points, we are in all probability more favorably situated than any other property with the same kinds or similar quantities of ore. The present roads are in excellent condition and trucks may have access at all times: even in winter because the school bus passes close to the property and the road is maintained and kept open by the county. At the present time there is no foreseeable expense to be entailed on roads but a small upkeep will be essential. There are no streams of any size to cross but the small branches, two in number are now spanned by a good bridge and an unique bridge made of two large squared trees. Any subsquent production will require less upkeep of roads than the present because the veins will be explored more towards the existing roads. In addition the county is talking of changing the present school bus road to pass through the properties and eliminate the long trip around the mountain.

10. Rainfall is light due to the altitude and the fact the air is pretty well rid of moisture content by the time this area is reached. Snow is heavy but does not block the school bus and should have no bearing on operations. THE temperature range is pretty extreme but not so much so that operations should be halted at any time.

11. In the matter of availability of water, again this location is ideal. In addition to a plentiful supply of water long after the snow melts a fine spring is handy for any requirements.

12. In the matter of power, these properties are far more fortunate than any it has been our privilege to become acquainted with. The R. E. A at present has a 220-440 line on the properties and has offered to make available all power required upon request. In this respect we could wax very eloquent but the implication is more than sufficient.

6. C.

Dma 562

PRELIMINARY GEOLOGY REPORT OF THE

ORIENT EUREKA GOLD MINES CO. PROPERTY OF THE ORIENT MINING DISTRICT, STEVENS COUNTY, WASH.

The following is a preamble report(geological) which will be completed in the near future.

The section of the Orient Mining District in which the Orient Eureka Mines are located is accessible by 3 miles of fair gravel and dirt roads, which meet Federal Hiwy (Route 395) three miles north of Orient, Wash., 130 miles north of Spokane, Wash. The mining property comprises about 500 acres including a mill-site on unpatented ground and are being developed by the Orient Eureka Gold Mines Co. of the State of Washington.

Inclined shafts, open pits and trenches have exposed the ore bodies along a general NW-SE line at numerous points. The Hercules shaft is developing a six to ten foot vein on the southern part of the property. At the forty foot level, it taps an incline of the old workings driven from the West. The mineralization in this vein is very intense and it is most likely that continuation with the development work as is now in progress will bring production of shipping ore within shallow depth. The minerals found here include lead, marcasite, pyrite and a content of gold, according to assays, occurring in quartz associated with calcite. The richer ore of the area includes galena in a mode of occurrence such as is characteristic of the vein in the Hercules shaft. This vein can be traced in outcrops and and in another shaft for over a 1,000 feet to the northwest. Its probable extent to the southwest is far in excess of that distance The ore blocked out to date is in the vicinity of 300,000 tons. Some development to the south will multiply this.

A vein developed by a 65 foot shaft in the early days contains copper sulphides including malachite, chalcoprite, occurring in quartz and calcite veins. A wagon road leading from this more inaccessible and northernmost section of the property shows evidence of much travel which supports the data given by an Indian packer, who claims to have have transported ore by packhorses in the 90's. The veins and veinlets occurring in the shaft and its vicinity can be traced easily for 800 feet to the south. The general geology of this section indicates great depth for this ore body. Examination of the shaft itself was prohibites by the debris, but the mineralization in the vein matter found on the dump warrants the reopening and exploration of this vein. The mile or more of road repairing and rebuilding will, in the opinion of the writer, be found worthwhile for the exploitation of this vein. Although ore could not be definitely blocked out here, it would be safe to assume, that there is in sight, between this shaft and the McKinley cabin, a approximately 130,000 tons,

The intesity of the veining throughout the property indicates immense underlying ore bodies. Samples taken from outcropings of these veins give promise of excellent returns from exploitations to depth. The extent and character of the veins, veinlets and stringers are indicative of enormous volume. It is a simple matter to trace some of the veins for 3,000 feet. Approach to

Over

the active ground as well as the equipment installed to develop it are appropriate for a much larger scale. Buildings are plentifull and in fine condition.

Signed,
James A. Connors.
Geologist

Thompson Falls, Montana
Dated Sept. 21, 1939.

6 C.

C
O
P
Y

Dlle 562

August 18, 1947

Mr. H. C. Topping
Orient, Wash.

Dear Mr. Topping:

I am sending you the following report on the Geophysical survey made August 14, 1947 on the Orient Eureka Mining claims.

Here are the geophysical figures:

Indian Henry Claim

Location No. 1 by the shaft. Copper and Gold

Mineralized zone starts at less than 100 ft. and goes in and out down to 250 ft. There the instrument records a fairly solid mineralized zone down to about 600 ft. The shaft is in fairly good condition a nd can be used for further development work. There is a fairly good building standing on this claim. I recommend that future development work be done on this property as the instrument records a very good mineralized zone.

Figures taken on the dip of the claim using tree as a marker. Mineralized zone starts 620 ft. out 665 ft. on an angle of 55°. The ore on that projection is very wide. On an angle of 45° contact ore at 290 ft., out at 410 ft. To diamond drill this location set drill at 50° angle facing head frame. Mineralized zone extends from tree 1300 ft. North 55° West. However, I do not recommend diamond drilling this property as the mineralized zone can be contacted in the shaft at far less cost.

Eureka Shaft

Location No. 1 Silver and gold-copper

Mineralized zone starts at 60 ft. fairly solid down to 2000 ft. The vein dips 45° North 27° West. Strikes North 75 East.

Location No. 2 Same vein

Mineralized zone starts at 63 ft. down to quite a depth, at this location there is a junction of another vein. I recommend a shaft at this location.

Herecules Claim

Location No. 1 Copper, Gold, Silver and Zinc

Contact the mineralized zone in the shaft at approximately 90 ft. The shaft is down 55 ft. and in good condition. Approximately 35 ft. more will contact the mineralized zone. There is also a good building on this property. The mineralized zone is in quartz which is a very good indication. This claim is highly recommended for development work to start here first. The quartz vein is at least 8 ft. wide.

Abrahamson

Silver, Lead and Zinc Location No. 1

Mineralized zone at 90 ft. down to quite a depth. Strikes N. 75° E. and S. 75° W.

Mr. Topping, after making a geophysical survey of your property, I wish to say this: I was very much impressed with the favorable readings that the instrument recorded. There isn't any doubt in my mind but what your property will be one of the largest mining properties in the state of Washington, once it is develpped. You have good roads to your property, plenty of timber, lots of water and good buildings.

You understand, Mr. Topping, these figures are likely to vary a few feet one way or the other but I am very satisfied that the recordings of the mineralized zone is accurate. I am glad that we both agree that all work should be centralized on the Hercules shaft first. I am sure that will bring the quickest returns.

I wish you much success and I am sure you will have it. Feel free to call on me at any time for advice or more geophysical service.

I remain,

Sincerely yours,

(Signed) James C. Young

March 1950

Since making my Geophysical survey in 1947, additional work has been done in the Hercules shaft. I believe the vein system can be contacted by drifting approximately 30 ft. North from the bottom of the shaft.

J.C.Y.

Dma 562

Chemical Analysis
Assaying
Testing
Sampling--Weighing
Checking
Inspecting
Cement--Concrete

LEWIS E JEKLIN
Chemist---Assayer-Testing
517 Provident Building
Tacoma Assay Office
Tacoma, Washington

Gold
Silver
Platinum
Buyer--Refining
Dental Supplies

ASSAY CERTIFICATE

For:
Mr. Herb Gorrell,
Tacoma, Wn.

Date
Feb. 26, 1948

File
10,408-x copies

The sample submitted for analysis has been tested and shows the following results:

Received: Feb. 24, 1948 From Mr. Topping, Secretary
Orient-Eureka Gold Mines Co., Orient, Wash.

Gold - oz. per ton ------	0.05 ---	$1.75
Silver " " " -------	67.42 ---	$ 60.67
Lead ----------	39.2 % --	$117.60

Signed

Lewis E Jeklin

Gold	at	$ 35.00	per oz.
Silver	at	$ .90	per oz.
Copper	at	$ [illegible]	peroz.
Lead	at	$ .15	per lb.
Zinc	at	$	per lb.

Dma 562

Chemical Analysis
Assaying
Testing, Inspecting
Weighing, Checking
Sampling

LEWIS E. JEKLIN
Chemist--Assayer--Testing
517 Provident Building

TACOMA ASSAY OFFICE
Tacoma, Washington

Gold
Silver
Platinum
Buyer Refining
Dental Suplies

C
O
P
Y

July 28, 1948

ASSAY CERTIFICATE

File No. 10,680-xx

For; Mr. H. C. Topping, Secretary
Orient-Eureka Gold Mines Co.
Orient, Washington

The sample submitted gave the following results:
Received: July 21, 1948

CROSS CUT SAMPLE

Gold -- Oz. per ton	0.02	$ .70
Silver	8.2	$ 7.38
Lead	28.1 %	$ 94.50
Copper	1.27%	$ 5.35
Zinc	14.79 %	$ 35.50

Gold	at $	35.00	per oz.
Silver	at $	.90	per oz.
Copper	at $	.21	per lb.
Lead	at $	.17	per lb.
Zinc	a t$	.12	per lb.

Signed

by Lewis E. Jeklin

Lewis

MAR 17 1951

Roy Lee

Sundries — Novelties — Sales Promotions

1502 South Ainsworth Tacoma, Wash.

BROADWAY 9089

March 10, 1951.

United States Department of the Interior
Defense Minerals Administration
Washington D. C.

Re: Docket DMA-562.

Dear Mr. Boyd:-

Senator Magnuson immediately passed on to me your answer of Feb. 13th last and it is our desire to thank you for your interest and offer to comply further in any request.

Enclosed please find an additional assay and by a different labotatory. All is not Gold that glitters and the original people starting this concern, now dead, were only interested in that metal. Perhaps because even lead was valued @ 2¢ per lb. As you will notice there appears to be some copper and a Geologist stated that the veins were quite large. The Spokane office is real handy to this property and if and when your field men are desirous of going over it: a cabin is available. At this point may we recommend a gentleman by the name of Sherman at Spokane, in whom trust will not be misplaced.

We wish to further thank you for the enclosed questionaire. This will be filled out with careful regard to the truth as we know it and returned to you.

In addition the Secretary Mr. Johnson has received a much more elaborate set of papers to return on the loan request. This we shall also endeavor to return using as we know them, truthful information.

We have been so frugal in handling this corporation; that we have never purchased stationery.

Again thanking you for your cooperation, remain.

Very truly yours.

Orient Eureka Gold Mines Co.

By Roy Lee - Treas.

Roy Lee

MAR 19 1951

LAMBERT & LENT LABORATORIES

2232 Third Aveenue - Seattle 1. Wash.

Certificate No. 2911 Certificate of Assay May 18, 1950.

We hereby certify that we have assayed the samples submitted us by

C. L. Sandstrom
408 E. Walton St
Spokane, Washington

and yhat they contained the following per ton of 2000 lbs.

Sample marked	Gold	Silver	Copper	Total value per ton
#1------	0.04--- $1.40	1.00---$0.91	7.10%	$26.98-- $29.29
#2------	0.06--- 2.10	1.02--- 0.92	6.30%	$23.94-- $26.96

Gold $35.00 per Oz.
Silver 91¢" " Copper 19¢ per lb.

Signed R. Lambert.

COPY.

LANDON F. STROBEL

Roy Lee

Sundries — Novelties — Sales Promotions

1502 South Ainsworth

Tacoma, Wash.

BROADWAY 9089

MAR 13 1 30 PM '51

BUREAU OF MINES WASHINGTON, D.C.

March 10, 1951.

United States Department of the Interior
Defense Minerals Administration
Washington D. C.

Re: Docket DMA-562

3/17/51 Heres Info

Dear Mr. Boyd:-

Senator Magnuson immediately passed on to me your answer of Feb. 13th last and it is our desire to thank you for your interest and offer to comply further in any request.

Enclosed please find an additional assay and by a different labotatory. All is not Gold that glitters and the original people starting this concern, now dead, were only interested in that metal. Perhaps because even lead was valued @ 2¢ per lb. As you will notice there appears to be some copper and a Geologist stated that the veins were quite large. The Spokane office is real handy to this property and if and when your field men are desirous of going over it: a cabin is available. At this point may we recommend a gentleman by the name of Sherman at Spokane, in whom trust will not be misplaced.

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Again thanking you for your cooperation, remain.

Very truly yours.

Orient Eureka Gold Mines Co.

By Roy Lee - Treas.

Roy Lee

FILE COPY
SURNAME:

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

McKnight
Moto
Hedges
Stafford 2/23

Hon. Warren G. Magnuson

February 13, 1951

United States Senate

Re: Docket DMA-562

My dear Senator Magnuson:

The letter, with accompanying enclosure, from the Orient Eureka Gold Mines Company, Roy Lee, Treasurer, transmitted with your note of January 26, has been reviewed by the Defense Minerals Administration.

The assays accompanying the letter show that the main products of the mine are lead, silver, and gold. Silver and gold are not strategic materials, and although lead is a metal that is essential for national defense, the supply picture at present is favorable enough so that the Defense Minerals Administration has set up no specific program for encouraging lead production.

The assay of one sample shows a little copper, and another shows zinc. Production of these two metals is currently being encouraged by the Defense Minerals Administration. Federal aid to expand productive capacity and supply, as provided in the Defense Production Act of 1950, is taking the following forms:

1. Purchase contracts made by the General Services Administration on projects certified by DMA.

2. Accelerated amortization of equipment allowed under the tax laws to operations having certificates of necessity issued by the National Security Resources Board after investigation by DMA.

3. Encouragement of exploration and development.

Procedures for encouragement of exploration and development will be announced shortly and should receive wide publicity.

If Mr. Lee feels that his company is in a position to produce appreciable zinc or copper, he could apply for aid along one of the lines enumerated above. Certain basic information should accompany each application so that at least a preliminary appraisal can be made of the proposal. I am enclosing a questionnaire which, if answered and returned to me by an applicant, will give enough information concerning his property to warrant a close appraisal in many cases.

I trust this information satisfactorily answers Mr. Lee's inquiry. If I may be of further service at any time, please do not hesitate to call upon me.

DMA-562
lead zinc Washington

Sincerely yours,
JAMES BOYD

Enclosures 2

Administrator

Re: Docket DMA-562

copy to: Chief, Lead-Zinc Branch
Geological Survey - McKnight
J. H. Hedges
R. H. Mote
2 copies to Executive Officer,
Regional Field Team, Region II
Strobel
Mittendorf
Files

ETMcKnight:jch
0-2/13/51

~~Mr. Herres~~
Return to L.F.
Stroebel
Rm. 3623

DEFENSE MINERALS ADMINISTRATION

Referral of Applications for Government Aid

Docket No. DMA-562

Commodity: lead zinc

Name of Applicant: Orient Eureka Gold Mines Company
(Roy Lee, treasurer)

Address of Applicant: 1502 S. Ainsworth
Tacoma, Washington

Name of Property:

Location of Property:

Nature of Application: Loan

Action Dates

Application: 1/22/51

Received: 2/ 1/51

Acknowledged:

Referred to LEAD-ZINC Committee: 2/6/51

Answered
2-13-51
E J McDonnight jch

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE FEB 6 1951

REFERRED TO:

1. Mr. Vinson
2.
3.
4.

FOR:

_____ Action
_____ Approval
_____ Comment
_____ Recommendation
✓ Reply for signature of Admiral
_____ Your information

REMARKS:

SEND COPY OF REPLY TO
MR. STROBEL AND ~~REGIONAL OFFICE~~
FIELD TEAM

Check (X) before the items needing attention.

LANDON F. STROBEL
Initials of sender.

Interior - Bureau of Mines, Pittsburgh, Pa.

February 9, 1951

Mr. Loyd Johnson
Secretary
Orient-Eureka Gold Mines Co.
Orient, Washington

Dear Mr. Johnson:

In response to your request of February 2, concerning your property, I am enclosing herewith a press release dated December 5, 1950, which outlines assistance available for the development of mineral properties. I am also enclosing five copies of MMER-146. In event you desire a loan, four copies of this should be filed with the Defense Minerals Administration.

Your attention is particularly directed to the final paragraph of the enclosed release. This will give you the essential data we must have in considering any application for assistance.

Very truly yours,

J. E. Richardson
Chief, Copper Branch

Enclosure

JERichardson/apd

CC - Administrator's reading file
Executive Secretary
Copper Commodity Committee
Field Team
Files

LANDON F. STACHAN

United States Senate

January 26, 1951

Acknowledged
2-13-51
E J McGraw-Hill

Respectfully referred to

Director
Bureau of Mines

with thanks for such favorable consideration as the communication herewith submitted warrants, and for a report thereon, in duplicate to accompany return of inclosure.

By direction of

WARREN G. MAGNUSON, U. S. S.

2-7-51
Richardson

ORIENT-EUREKA GOLD MINES CO.
ORIENT, WASH.

3608 No. 55th
Tacoma 17, Wash.
Feb. 2, 1951

Bureau of Mines,
Washington, D. C.

Dear Sir:

Please send information in regard to lease and prospect gold and silver.

Orient-Eureka Gold Mines Co. have finances to a certain extent but not enough to carry on complete development.

This information will be appreciated.

Yours truly,

[illegible], Secretary

LANDON F. STROBEL

United States Senate

January 23, 1951

Respectfully referred to

Director
Bureau of Mines

with thanks for such favorable consideration as the communication herewith submitted warrants, and for a report thereon, in duplicate to accompany return of inclosure.

By direction of

WARREN G. MAGNUSON, U. S. S.

2-6-51
Hearing

Mar 5 6 21

Roy Lee
Sundries — Novelties — Sales Promotions
1502 South Ainsworth Tacoma, Wash.
BROADWAY 9080

January 22, 1951.

Senator W. Magnuson
Senate Bldg.
Washington, D. C.

Dear Senator:-

Enclosed you will find a condensed report of several assays of a property interested in by the writer and a hundred or more State of Washington citizens. Please give it a cursory glance; keeping in mind values used here ar today Archaic.

A short resume shows that this corporation was formed by three old gentlemen desirous of making a living for themselves and in hopes of stiking the jackpot in Gold. By a queer twist, the gold apparently exists in name only but the things they threw away as worthles now appear to be in demahd by our Government as war essentials.

From a $4.13 Treasury balance a few of us have nursed this thing along, in such a frugal manner that we have not even bought stationary, until now we have approximately a thousand dollars available. Realizing our lack of ability to raise a fairly large sum, which we feel is neccessary, it has been decided to ask your advice and counsel; in an effort to make these minerals available to our country's needs. We would appreciate any effort put forth by you in our request; also any advice regarding methods of proceedure and the party or parties to contact.

Wishing every success in an apparently difficult session, we remain.

Very truly yours.

Orient Eureka Gold Mines Co.
1502 S. Ainsworth
Tacoma, Wash.
Roy Lee, Pres.

LEWIS E. JEKLIN.

TACOMA ASSAY OFFICE.
Tacoma, Washington.

Orient Eureka Gold Mines Co
H. C. Topping.
Sample Dec. 24,1947.

Gold - oz. per ton ---	0.10-$	3.50
Silver " " ---	2.40-	2.16
Lead - % " " ---10.8		32.40
		38.06

Sample Dec. 29,1947.
(High Iron)

Gold oz perbton --	0.03-$	1.05
Silver " " --	5.20-	4.68
Lead -- 8.76% -		26.25
		31.98

Sample Dec 30,1947.

Gold oz per ton ---	0.08-$	2.80
Silver " " ---	6.10-	5.49
Lead -- 29.1% -		87.30
		95.39

Sample Dec. 31. 1947.

Gold oz per ton	0.08-$	2.80
Silver " " "	10.40	9.36
Lead 15.25%--		45.75
		57.91

Sample Februal 1948.
(Herb Gorrell)

Gold oz per ton	0.05-$	1.75
Silver " " "	67.42	60.67
Lead 39.2%		117.60
		180.02

Sample July 21, 1948.

Gold oz per ton	0.02-$	.70
Silver " " "	8.2 -	7.38
Lead 28.1%		94.54
Copper 1.27%		5.13
		107.95

Sample July 21, 1948.
(Cross Cut Sample)

Gold oz per ton --	0.02-	$ .70
Silver oz per ton --	8.2-	7.38
Lead -- 28.1% ---		94.50
Copper -- 1.27% --		5.30
Zinc		35.50
		143.43

Gold @	$35.00	per oz.
Silver @	.90	per oz.
Copper @	.21	per lb.
Lead @	.15	per lb.
Lead @	.17	per lb.
Zinc @	.12	per lb.

ORIGINALS ON FILE.

MF-200
(April 1951)

Docket No. DMA _____
Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Orient-Eureka Gold Mines Co. Stevens County, Washington hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Washington, County of Stevens described as follows: [3] Orient-Eureka mining property, specifically the Eureka claim on which is located the Hercules shaft. with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for [5] Lead and zinc; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 12 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule 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, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator 50 percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $1000.00, which is 50 percent of the agreed estimated total cost of this project, $2000.00.

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in triplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By _____

By _____

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "A"

Exploration contract

The purpose of the exploration project is to do exploratory diamond drilling work in the vicinity of the Hercules shaft to provide a clearer picture of the nature of the disseminated lead ore found on the dump believed to have come from within 50 feet of the surface, and possibly to find an ore body.

Three shallow diamond drill holes approximately 100 feet in depth will provide enough data for appraisal as to whether additional work is warranted.

The total cost of the project is estimated as follows.

300 feet of diamond drilling @ $6.67 per foot	$2000.00

This total cost includes supervision, sampling labor, supplies, equipment, and assaying.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "B"

Fixtures and improvements

No facilities, buildings, or fixtures are to be purchased, installed, or erected as a cost of this project.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "C"

Operating equipment

No operating equipment is to be rented, purchased, or furnished by the operator. Diamond drilling will be done by a reputable contractor. Payments will be made on a price per foot basis.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "D"

Labor and supervision

One sampler will be used to handle the cores and take care of the sludges, as well as assist the drill operator. The sampler will receive $2.00 per hour maximum wage rate but only while drilling operations, including moving, are in progress.

Orient-Eureka Gold Mines Co.

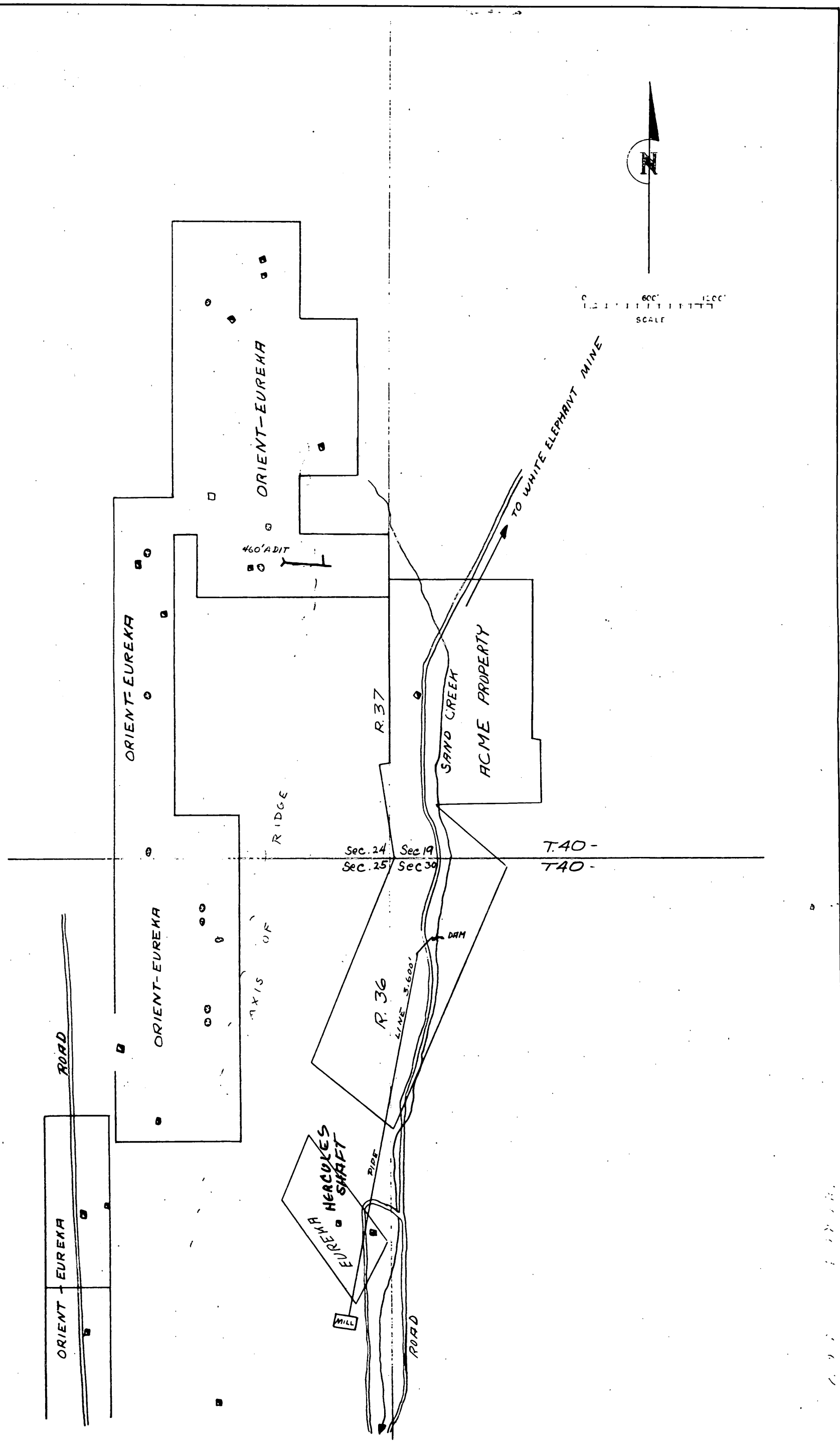
Stevens County, Washington

Exploration Project Contract

EXHIBIT "E"

Repairs and rehabilitation

No existing facilities, buildings, installations, and fixtures will be rehabilitated as a cost of this project.



Sketch map of Orient-Eureka property, Stevens County, Washington.

MF-200
(April 1951)

Docket No. DMA _____
Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

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(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for [5] Lead and zinc; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 12 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

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[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule 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, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator 50 percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $1000.00, which is 50 percent of the agreed estimated total cost of this project, $2000.00.

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in triplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ---

By ---

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "A"

Exploration contract

The purpose of the exploration project is to do exploratory diamond drilling work in the vicinity of the Hercules shaft to provide a clearer picture of the nature of the disseminated lead ore found on the dump believed to have come from within 50 feet of the surface, and possibly to find an ore body.

Three shallow diamond drill holes approximately 100 feet in depth will provide enough data for appraisal as to whether additional work is warranted.

The total cost of the project is estimated as follows.

300 feet of diamond drilling @ $6.67 per foot	$2000.00

This total cost includes supervision, sampling labor, supplies, equipment, and assaying.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "B"

Fixtures and improvements

No facilities, buildings, or fixtures are to be purchased, installed, or erected as a cost of this project.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "C"

Operating equipment

No operating equipment is to be rented, purchased, or furnished by the operator. Diamond drilling will be done by a reputable contractor. Payments will be made on a price per foot basis.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "D"

Labor and supervision

One sampler will be used to handle the cores and take care of the sludges, as well as assist the drill operator. The sampler will receive $2.00 per hour maximum wage rate but only while drilling operations, including moving, are in progress.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

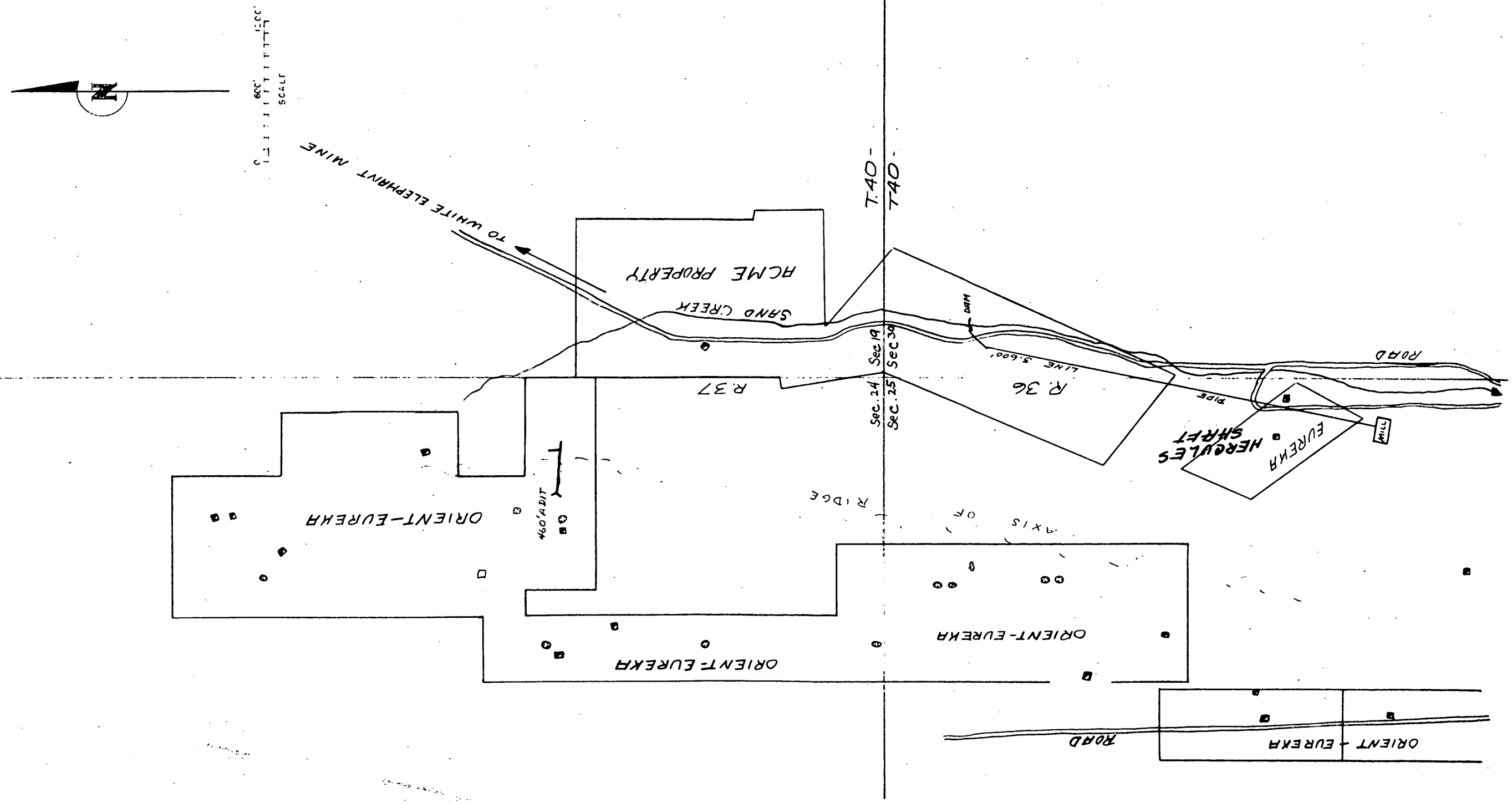
EXHIBIT "E"

Repairs and rehabilitation

No existing facilities, buildings, installations, and fixtures will be rehabilitated as a cost of this project.

U.S. DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION



Sketch map of Orient-Eureka property, Stevens County, Washington.

MF-200
(April 1951)

Docket No. DMA _____
Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

It is agreed this _____ day of _____, 195___, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Orient-Eureka Gold Mines Co. Stevens County, Washington hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Washington, County of Stevens described as follows: [3] Orient-Eureka mining property, specifically the Eureka claim on which is located the Hercules shaft. with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for [5] Lead and zinc; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 12 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

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7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule 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, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator 50 percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $1000.00, which is 50 percent of the agreed estimated total cost of this project, $2000.00.

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Executed in triplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ----------

By ----------

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "A"

Exploration contract

The purpose of the exploration project is to do exploratory diamond drilling work in the vicinity of the Hercules shaft to provide a clearer picture of the nature of the disseminated lead ore found on the dump believed to have come from within 50 feet of the surface, and possibly to find an ore body.

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Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "B"

Fixtures and improvements

No facilities, buildings, or fixtures are to be purchased, installed, or erected as a cost of this project.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "C"

Operating equipment

No operating equipment is to be rented, purchased, or furnished by the operator. Diamond drilling will be done by a reputable contractor. Payments will be made on a price per foot basis.

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Stevens County, Washington

Exploration Project Contract

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One sampler will be used to handle the cores and take care of the sludges, as well as assist the drill operator. The sampler will receive $2.00 per hour maximum wage rate but only while drilling operations, including moving, are in progress.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "E"

Repairs and rehabilitation

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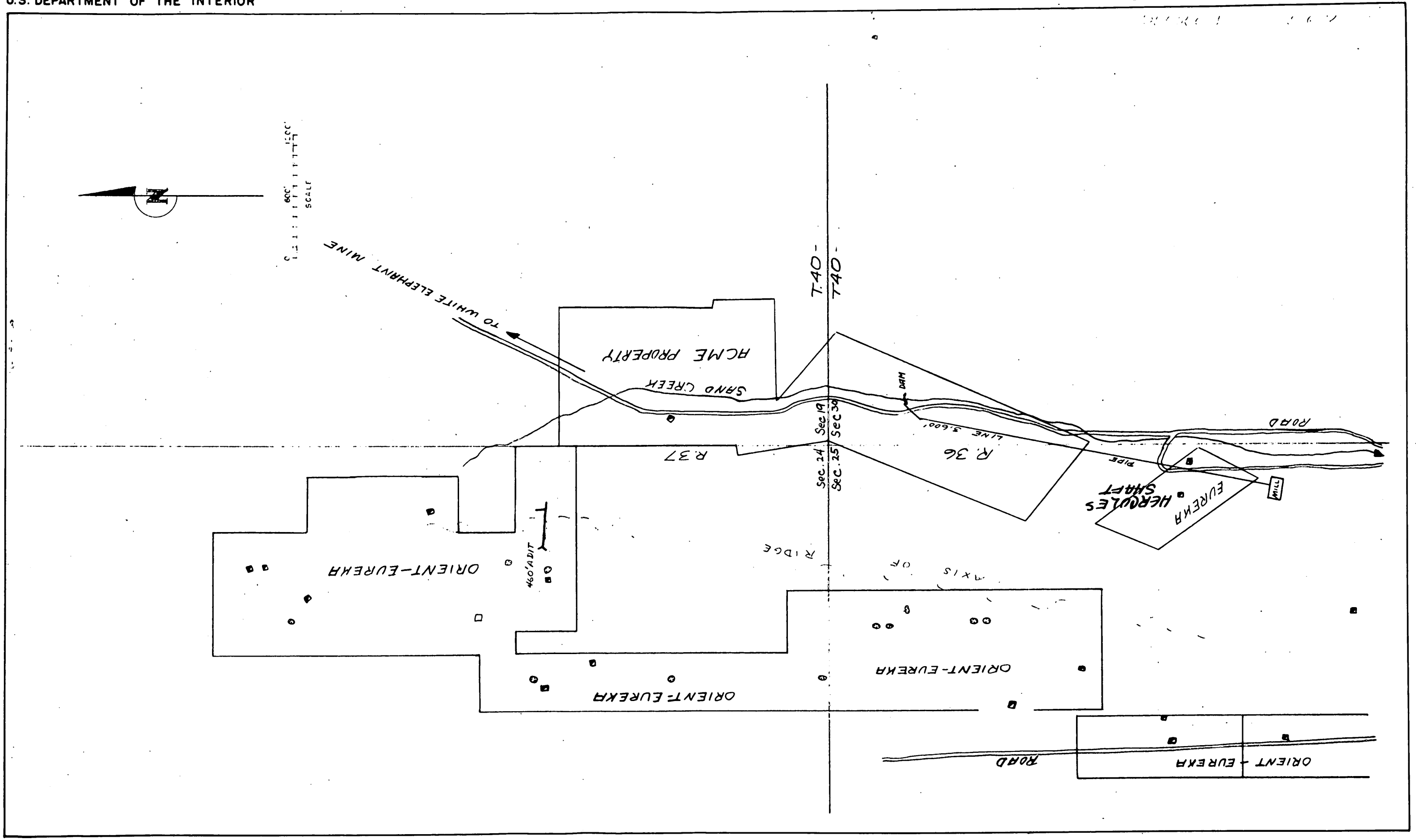
U.S. DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION



Sketch map of Orient-Eureka property, Stevens County, Washington.

MF-200
(April 1951)

Docket No. DMA _____
Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

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12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

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14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in triplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ----------

By ----------

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "A"

Exploration contract

The purpose of the exploration project is to do exploratory diamond drilling work in the vicinity of the Hercules shaft to provide a clearer picture of the nature of the disseminated lead ore found on the dump believed to have come from within 50 feet of the surface, and possibly to find an ore body.

Three shallow diamond drill holes approximately 100 feet in depth will provide enough data for appraisal as to whether additional work is warranted.

The total cost of the project is estimated as follows.

300 feet of diamond drilling @ $6.67 per foot	$2000.00

This total cost includes supervision, sampling labor, supplies, equipment, and assaying.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "B"

Fixtures and improvements

No facilities, buildings, or fixtures are to be purchased, installed, or erected as a cost of this project.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "C"

Operating equipment

No operating equipment is to be rented, purchased, or furnished by the operator. Diamond drilling will be done by a reputable contractor. Payments will be made on a price per foot basis.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "D"

Labor and supervision

One sampler will be used to handle the cores and take care of the sludges, as well as assist the drill operator. The sampler will receive $2.00 per hour maximum wage rate but only while drilling operations, including moving, are in progress.

Orient-Eureka Gold Mines Co.

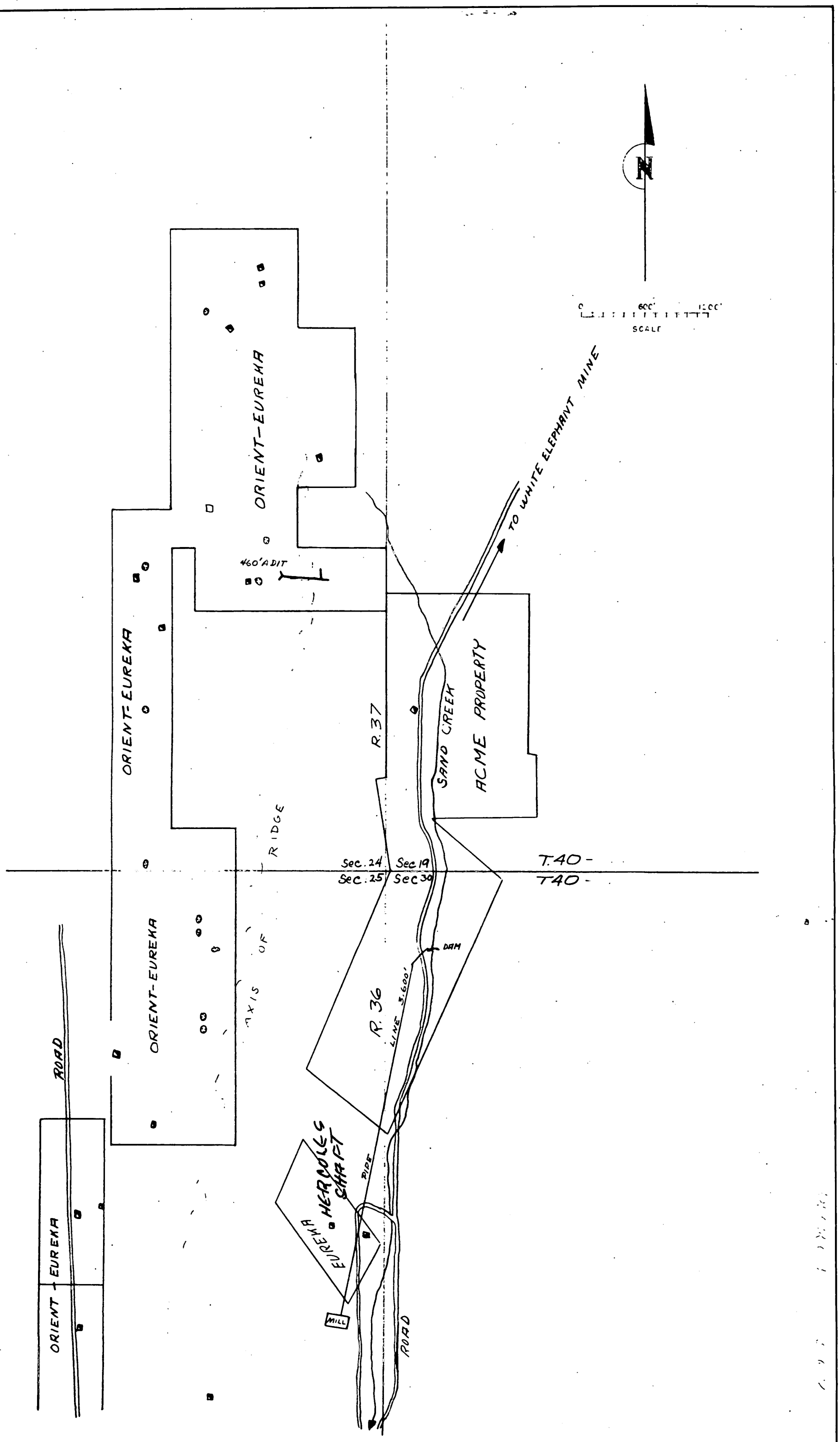
Stevens County, Washington

Exploration Project Contract

EXHIBIT "E"

Repairs and rehabilitation

No existing facilities, buildings, installations, and fixtures will be rehabilitated as a cost of this project.



Sketch map of Orient-Eureka property, Stevens County, Washington.

MF-200
(April 1951)

Docket No. DMA _____

Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195___, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Orient-Eureka Gold Mines Co. Stevens County, Washington hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Washington, County of Stevens described as follows: [3] Orient-Eureka mining property, specifically the Eureka claim on which is located the Hercules shaft. with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for [5] Lead and zinc; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 12 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule 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, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator ____50____ percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $____1000____, which is ____50____ percent of the agreed estimated total cost of this project, $____2000____.

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

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16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in triplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By _____

By _____

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "A"

Exploration contract

The purpose of the exploration project is to do exploratory diamond drilling work in the vicinity of the Hercules shaft to provide a clearer picture of the nature of the disseminated lead ore found on the dump believed to have come from within 50 feet of the surface, and possibly to find an ore body.

Three shallow diamond drill holes approximately 100 feet in depth will provide enough data for appraisal as to whether additional work is warranted.

The total cost of the project is estimated as follows.

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This total cost includes supervision, sampling labor, supplies, equipment, and assaying.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "B"

Fixtures and improvements

No facilities, buildings, or fixtures are to be purchased, installed, or erected as a cost of this project.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "C"

Operating equipment

No operating equipment is to be rented, purchased, or furnished by the operator. Diamond drilling will be done by a reputable contractor. Payments will be made on a price per foot basis.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "D"

Labor and supervision

One sampler will be used to handle the cores and take care of the sludges, as well as assist the drill operator. The sampler will receive $2.00 per hour maximum wage rate but only while drilling operations, including moving, are in progress.

Orient-Eureka Gold Mines Co.

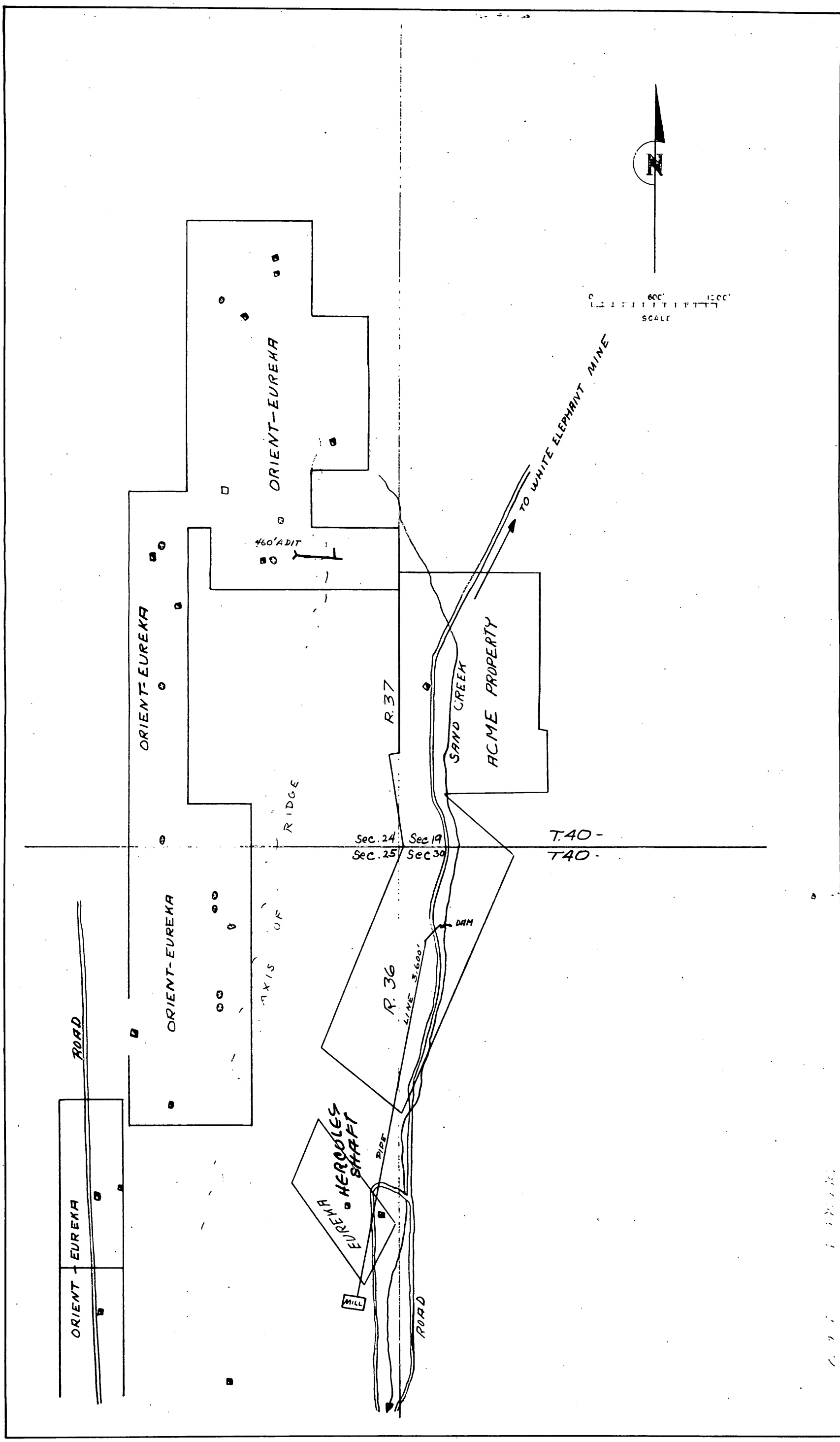
Stevens County, Washington

Exploration Project Contract

EXHIBIT "E"

Repairs and rehabilitation

No existing facilities, buildings, installations, and fixtures will be rehabilitated as a cost of this project.



Sketch map of Orient-Eureka property, Stevens County, Washington.

MF-200
(April 1951)

Docket No. DMA _____
Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195___, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Orient-Eureka Gold Mines Co. Stevens County, Washington

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Washington, County of Stevens described as follows: [3] Orient-Eureka mining property, specifically the Eureka claim on which is located the Hercules shaft.

with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: _____

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for [5] Lead and zinc; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 12 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

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[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

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12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

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Executed in triplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ----------

By ----------

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "A"

Exploration contract

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Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "B"

Fixtures and improvements

No facilities, buildings, or fixtures are to be purchased, installed, or erected as a cost of this project.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "C"

Operating equipment

No operating equipment is to be rented, purchased, or furnished by the operator. Diamond drilling will be done by a reputable contractor. Payments will be made on a price per foot basis.

Orient-Eureka Gold Mines Co.

Stevens County, Washington

Exploration Project Contract

EXHIBIT "D"

Labor and supervision

One sampler will be used to handle the cores and take care of the sludges, as well as assist the drill operator. The sampler will receive $2.00 per hour maximum wage rate but only while drilling operations, including moving, are in progress.

Orient-Eureka Gold Mines Co.

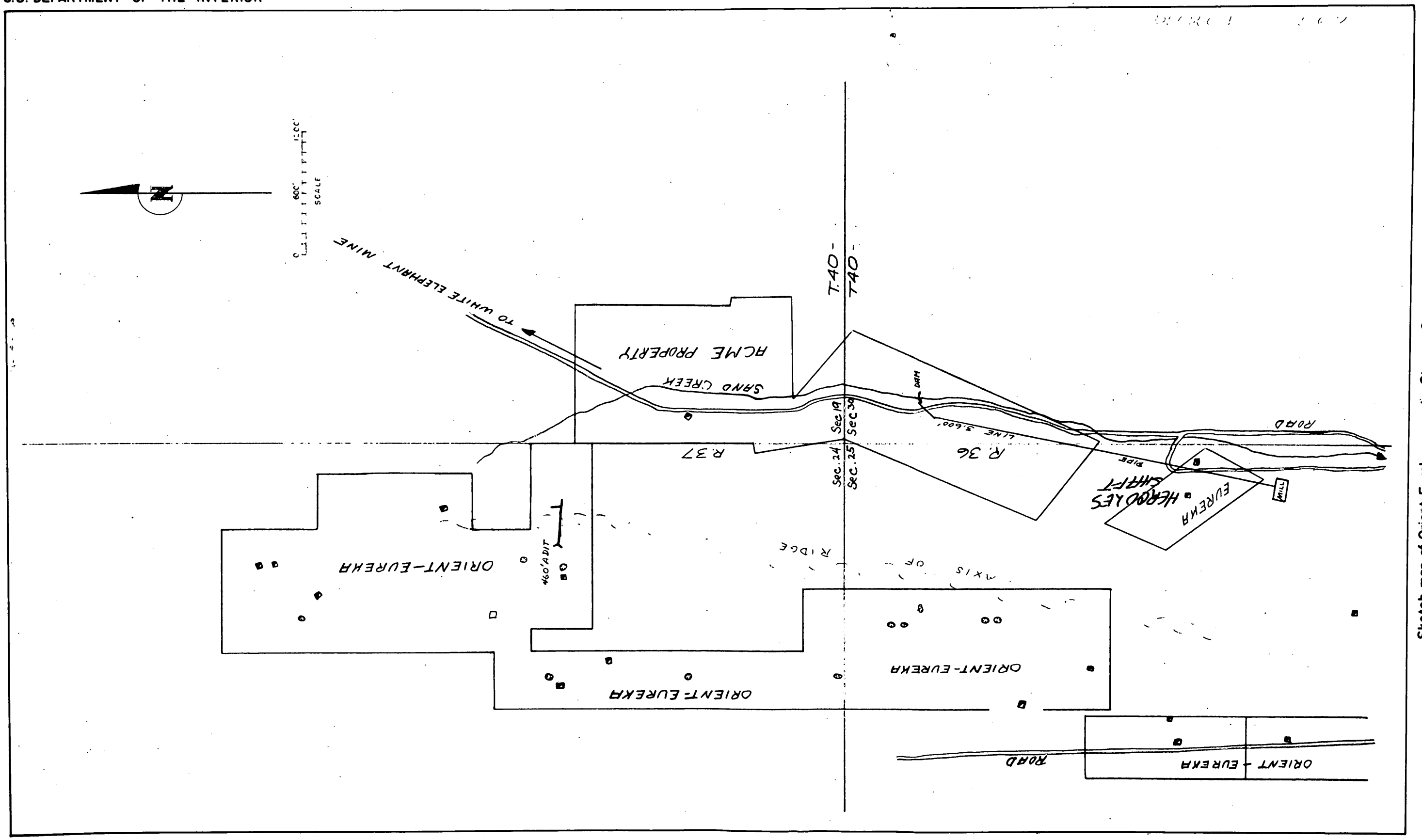
Stevens County, Washington

Exploration Project Contract

EXHIBIT "E"

Repairs and rehabilitation

No existing facilities, buildings, installations, and fixtures will be rehabilitated as a cost of this project.



Sketch map of Orient-Eureka property, Stevens County, Washington.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA-562X

Date received 6/12/51

Participation

Orient Eureka Gold Mines Co.,
Orient, Washington

Name and address of applicant

Date April 26, 1951.

FILL IN THIS BLOCK

Date of application April 26, 1951

Estimated cost $2000000

Mineral or metal Copper, Zinc, Lead & Talc.

Percentage of Government participation 50-50

Location of mine Orient District, Orient, Wn.
Stevens Co

Date of filing MF-100 Mar 14, 1951.

DMA Docket Number, if available DMA 562. X

INSTRUCTIONS

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THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation.

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See sheet.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. Competent mining experience available. Business exp. satisfactory.

*5. Are you the owner or the lessee of the property? Owners.

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None at present.

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. See sheet.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? Yes.

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16—64067-1

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10. (*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.
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*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
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    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
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(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
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THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
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23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
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    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
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    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
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24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

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.

Orient Eureka Gold Mines Co
(Name of company)

By Roy Lee
(Signature of authorized official)

4/26/57
(Date)

President
(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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA-562 X

Date received 6/12/51

Participation

Orient Eureka Gold Mines Co.,
Orient, Washington.

Name and address of applicant

Date April 26, 1951

FILL IN THIS BLOCK

Date of application April 26, 1951.

Estimated cost $2000.00

Mineral or metal Copper, Zinc, Lead & Talc.

Percentage of Government participation 50-50

Location of mine Orient District, Orient, Wa.

Date of filing MF-100 Mar 14, 1951

DMA Docket Number, if available DMA-562 X

INSTRUCTIONS

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THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation.

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See sheet.

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NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

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16—64067-1

THE PROPERTY

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*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

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(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

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(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold	No answer.			

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.
IF - ZINC AND COPPER ARE IN CRITICAL SUPPLY - HERE IS THE ANSWER.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Zinc, Copper

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Short time. Lead

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

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(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

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24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

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.

Orient Eureka Gold Mines Co
(Name of company)

By Roy Lee
(Signature of authorized official)

4/26/51
(Date)

President
(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.

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16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA-562X

Date received 6/12/51

Participation

Orient Gold Mines Co.,
Orient, Washington.

Name and address of applicant

Date April 26, 1951.

FILL IN THIS BLOCK

Date of application April 26, 1951.

Estimated cost $2000.00

Mineral or metal Copper, Zinc, Lead & Talc.

Percentage of Government participation 50-50

Location of mine Orient District, Orient, Wn.

Date of filing MF-100 Mar 14, 1951.

DMA Docket Number, if available DMA-562. X

INSTRUCTIONS

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20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Zinc, copper

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Short timehead.

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Ocean Eureka Gold Mines Co
(Name of company)

By Roy Lee
(Signature of authorized official)

4/26/51
(Date)

Treasurer
(Title)

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(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA-562 X

Date received 6/12/51

Participation

Orient Eureka Gold Mines Co.,
Orient, Washington.

Name and address of applicant

Date April 26, 1951.

FILL IN THIS BLOCK

Date of application April 26, 1951.

Estimated cost $2000.00

Mineral or metal Copper, Zinc, Lead & Talc

Percentage of Government participation 50-50

Location of mine Orient District, Orient Wn.

Date of filing MF-100 Mar 14, 1951.

DMA Docket Number, if available DMA-562. X

INSTRUCTIONS

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Orient Eureka Gold Mines Co
(Name of company)

By Roy Lee
(Signature of authorized official)

4/26/81
(Date)

Treasurer
(Title)

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16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Dma-562X

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

So. 157 Howard Street
Spokane 8, Washington

June 8, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 12 1951
LANDON F. STROBEL
Executive Secretary

Mr. Landon F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed herewith is an application for an exploration loan submitted by the Orient Eureka Gold Mines Company, Ferry County, Washington. The application was received at this office late in May, but was withheld from forwarding to Washington owing to a scarcity of information concerning the proposed exploration program. Evidently, the original application was mailed directly to Washington inasmuch as it has been assigned a docket number.

Since receipt of the present application, we have learned that all information requested in Form MF-103 was mailed by the applicant directly to Mr. Otto Herres on March 14, 1951. Therefore, we are forwarding the present application to you, hoping that sufficient information is present in the Washington files to reach a decision regarding the property in question.

Yours very truly,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosure

cc: U.S.B.M.

JUN 1 1 1951

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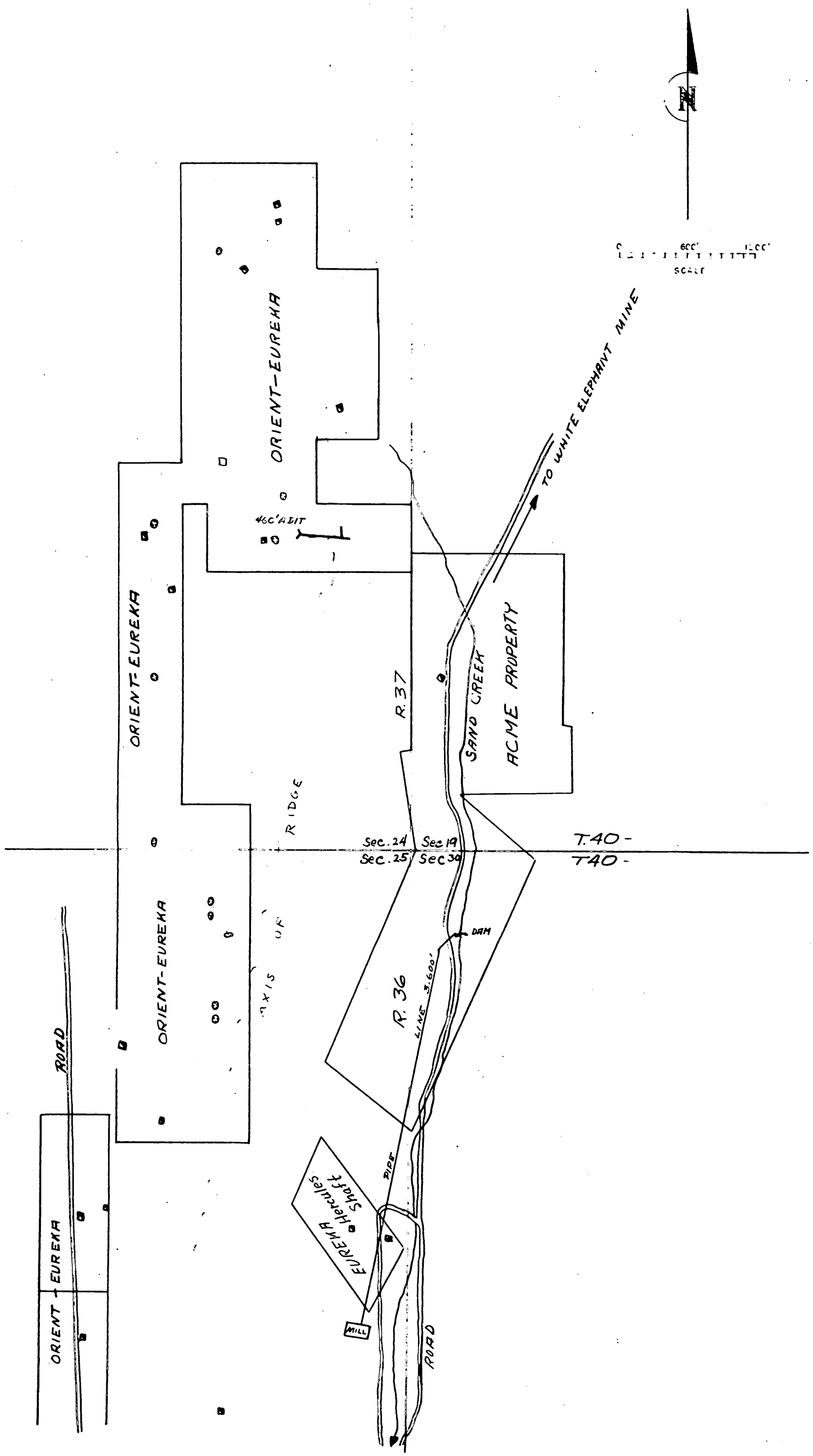

Sketch map of Orient-Eureka property, Stevens County, Washington.