DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1890

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 PROJECT

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

Routing Slip

To:	Lead-zinc Branch	Date	7/30/51
To:	Coordinating Comm.	Date	8/16/51
To:	Reports & Records.	Date	8/20/51
To:	BASE METALS BR	Date	11-23-51
To:	P.E. Div.	Date	11-24-51
To:	RX-19	Date	12-6-51
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:

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

Robertson
Coleman for Bishop
Moore
Thayer
Johnson
Mittendorf

AIR MAIL

DEC 7 - 1951

Mr. Jerrel T. Wisdom
14631 Sherman Way
Van Nuys, California

re: Exploration Project
Docket Number DM-1690
Last Chance Mine
Esmeralda County, Nevada
(Copper-lead-zinc)

Dear Mr. Wisdom:

Your application for an exploration contract for the Last Chance Mine has been reviewed by this office.

We find, after examination of the mine, that the indications for finding adequate ore are insufficient to justify proceeding with an exploration project.

In the light of the evidence we now have, we find it necessary to deny the application.

A new application may be filed if you find upon further work, that there is an improvement in the prospects of uncovering ore in substantial amounts.

Sincerely yours, 12/7

C. O. Mittendorf (fw)
Administrator
~~Chairman, Operating Committee~~
Defense Minerals Exploration
Administration

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

JTRobertson/jlm 12-4-51
cc to: Adm. Reading File
Reports & Records
Docket
Messrs. Mittendorf
Johnson, C. H.
McKnight, E. T.
Robertson
Miller, Field Team, Reg. III (2)

AIR MAIL

Mr. Jerrel . Wisdom
14631 Sherman Way
Van Nuys, California

re: Exploration Project
Docket Number [illegible]-1590
Last Chance Mine
Esmeralda County, Nevada
(Copper-lead-zinc)

Dear Mr. Wisdom:

Your application for an exploration contract for the Last Chance Mine has been reviewed by this office.

We find, after examination of the mine, that the indications for finding adequate ore are insufficient to justify proceeding with an exploration project.

In the light of the evidence we now have, we find it necessary to deny the application.

A new application may be filed if you find upon further work, that there is an improvement in the prospects of uncovering ore in substantial amounts.

Sincerely yours,

C. O. Mittendorf

Administrator
~~Chairman, Operating Committee~~
Defense Minerals Exploration
Administration

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

JTRobertson/jlm 12-4-51
cc to: Adm. Reading File
Reports & Records
Docket
Messrs. Mittendorf
Johnson, C. H.
McKnight, E. T.
Robertson
Miller, Field Team, Reg. III (2)

OFFICE OF THE ADMINISTRATOR

DEFENSE MINERALS ADMINISTRATION WASHINGTON D.C. NOV 19 2 32 PM '51

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

Office of
Executive Officer
DMA Field Team
Region III

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

November 15, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee,
Defense Minerals Administration, Washington 25, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Docket DMA-1890, Lead-Zinc-Copper
Jerrell S. Wisdom; Last Chance Prospect, Esmeralda County, Nev.

Reference is made to your subject "Review of Application for Exploration Assistance" dated August 20.

Attached are four copies of a report, "DMA-1890, Last Chance Prospect, Esmeralda County, Nevada (Lead-Zinc)," by Charles D. Rinehart and Edward M. MacKevett, Geologists, U. S. Geological Survey, dated November 9, 1951.

Sampling revealed a metal content considerably below a commercial grade, and no geologic evidence suggesting an increase in grade at depth was observed. Region III Field Team concludes that further exploration is unwarranted and that request for a Government loan should be denied.

The docket file is also enclosed herewith.

S. Ricker, Acting for
H. C. Miller, Executive Officer
DMA Field Team, Region III

Attachments

Copy to: Edgar H. Bailey, U.S.G.S.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
NOV 19 2 32 PM '51

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-1890, Last Chance Prospect

Esmeralda County, Nevada

(Lead-Zinc)

Charles D. Rinehart, Geologist
Edward M. MacKevett, Geologist
U. S. Geological Survey

November 9, 1951

Introduction

The Last Chance lead-zinc Prospect was examined at the request of Mr. Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration in order to determine the feasibility of government participation in a $10,000.00 exploration program. Assays indicate values too low to warrant further exploration, and the loan is therefore not recommended.

The property consist of three unpatented claims in the northeast edge of Sylvania Mountains, 9.8 airline miles S. 66° W. of Lida, Esmeralda County, Nevada. Access to the property via the Oasis-Lida road is as follows: From the California-Nevada border go east 11.7 miles to the intersection of the Tule Summit road; turn right and go southeast 0.6 miles past the ruins of the Pigeon Stamp Mill to a fork in the road, left of which is an old cabin; turn right and go 1.2 miles to another fork in the road; turn left following a "Log Spring" sign and go 0.8 miles past a cabin on the right to a fork in the road directly west of a second cabin; turn left and go 0.5 miles to the property.

One day, October 16, 1951, was spent by E. M. MacKevett and C. D. Rinehart of the Geological Survey in examining the deposit. They were accompanied during the examination by Mr. T. Hansen, caretaker of the property. A sketch map at a scale of 1 inch equals 20 feet was prepared by the Brunton-tape method and seven chip samples were collected.

The property was previously owned by M. M. Horner from whom it was acquired in 1948 by the present owner, Mr. Jerrell S. Wisdom of Van Nuys, California. No past production from the property is reported.

The road to the property is generally suitable as a haulage road with the exception of the last one-quarter mile which could be made satisfactory by a few hours of bull-dozer work. An adequate supply of water is available a few hundred feet southeast of the workings. Equipment on the property consists of a very poorly constructed headframe, about 50 feet of wire rope, and a small hoist.

The workings consist of a 20 foot shaft inclined 80° to the north, an 8 foot northwest-trending drift at its base, a small open cut 20 feet northwest of the shaft, and a 60 foot northeast -trending open cut about 40 feet southeast of the shaft (see sketch map).

Geology

The area is underlain by massive limestone which is cut by an ore-bearing fault zone that strikes northwest and dips steeply to

the northeast. The limestone is massive, finely crystalline, and where exposed in the long open cut it is highly shattered along the footwall.

The fault zone strikes N. 70° W. and dips 80° northeasterly. The footwall is well defined and is best exposed in the long open cut. The hanging-wall is obscured by slope wash on the surface and is not exposed in the workings. Continuity of the fault zone along the strike is also obscured by slope wash. The fault zone has a minimum thickness of 21 feet in the northeast end of the long open cut, and at the collar of the shaft the minimum thickness is about 10 feet.

The following lead and zinc minerals are disseminated rather uniformly throughout the zone: Cerussite, hemimorphite, and hydrozincite(?). There is a minor amount of galena near the bottom of the shaft, and several small, widely dispersed patches of chrysocolla (?) were also observed.

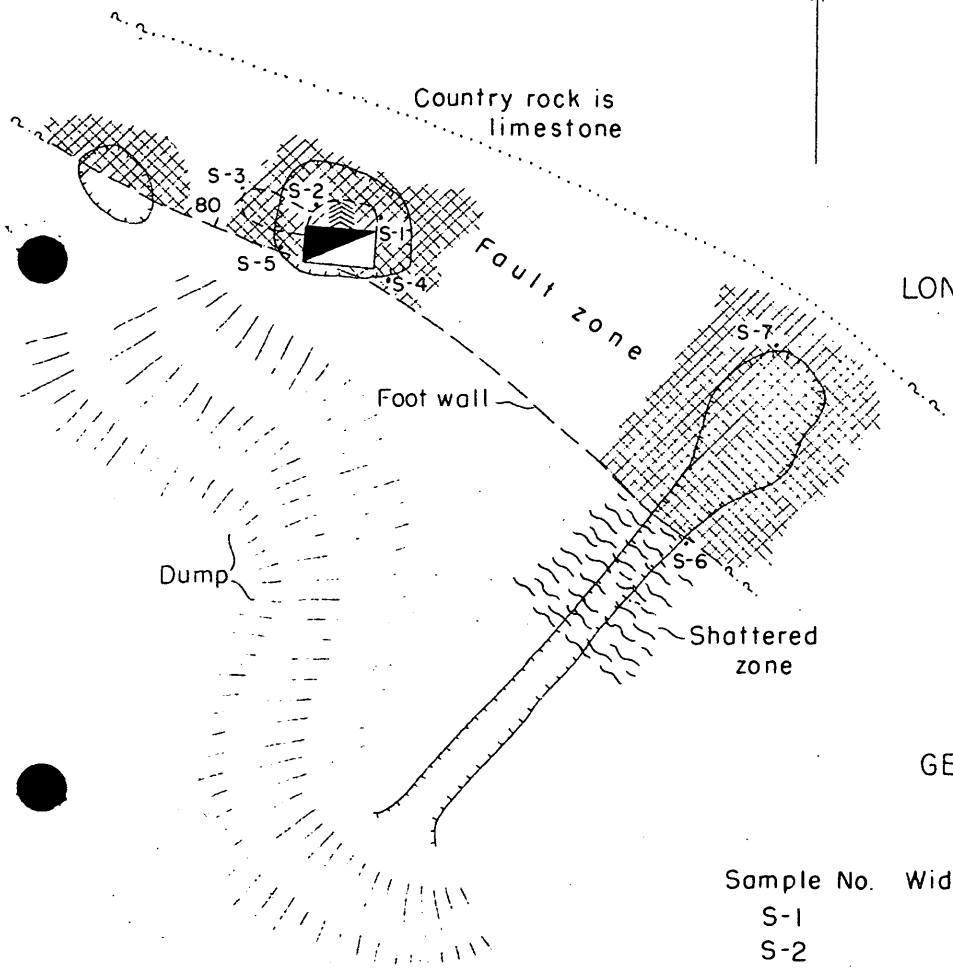
Conclusions

Seven chip samples were taken across the exposed portion of the fault zone at the places indicated on the accompanying map. Assays by the Hydrometallurgical and Ore-Dressing Branch of the Bureau of Mines at Reno, Nevada, are tabulated on the map, and reveal a metal content considerably below a mineable grade. No geologic evidence suggesting an increase in grade at depth was observed.

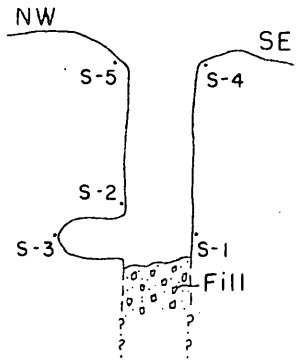
In view of the foregoing evidence, further exploration of the property does not seem feasible.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

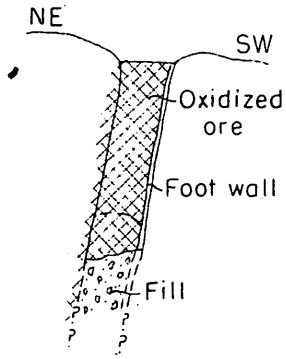
DMA 1890
(LEAD-ZINC)



PLAN OF SURFACE WORKINGS



LONGITUDINAL PROJECTION OF SHAFT SHOWING SMALL DRIFT



GENERALIZED CROSS SECTION THROUGH SHAFT

EXPLANATION

80 — Contact, showing dip (Dashed where approximately located)

Concealed contact

Ore

Outline of workings (Dashed where doubtful or concealed)

Trench and pit

Shaft at surface

Inclined workings (Chevrons point down)

·S-1 Sample localities

ASSAYS

Sample No.	Width in feet	% Pb	% Zn	% Cu	Oz Au/T	Oz Ag/T
S-1	3.8	*0.1	*0.1	0.10	Trace	Trace
S-2	4.0	2.6	0.5	0.04	Trace	0.80
S-3	2.0	*0.1	*0.1	*0.02	Trace	Trace
S-4	4.0	*0.1	0.3	*0.02	Trace	Trace
S-5	11.0	1.5	1.9	0.08	Trace	0.70
S-6	21.0	*0.1	0.3	*0.02	Trace	Trace
S-7	9.0	0.6	1.6	0.05	Trace	0.50

*Less than

SKETCH MAP OF THE LAST CHANCE PROSPECT, ESMERALDA COUNTY, NEVADA

0 20 40 60 Feet

Mapped October 16, 1951 by
E. M. MacKevett and C. D. Rinehart

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
NOV 19 2 33 PM '51

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION XII

1444-1890d, Last Chance Prospect

Esmeralda County, Nevada

(Lead-Zinc)

Charles D. Ringhart, Geologist
Edward M. MacKevett, Geologist
U. S. Geological Survey

November 9, 1951

Introduction

The Last Chance lead-zinc Prospect was examined at the request of Mr. Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration in order to determine the feasibility of Government participation in a $10,000.00 exploration program. Assays indicate values too low to warrant further exploration, and the loan is therefore not recommended.

The property consist of three unpatented claims in the northeast edge of Sylvania Mountains, 9.8 airline miles S. 66° W. of Lida, Esmeralda County, Nevada. Access to the property via the Oasis-Lida road is as follows: From the California-Nevada border go east 11.7 miles to the intersection of the Tule Summit road; turn right and go southeast 0.6 miles past the ruins of the Pigeon Stamp Mill to a fork in the road, left of which is an old cabin; turn right and go 1.2 miles to another fork in the road; turn left following a "Log Spring" sign and go 0.8 miles past a cabin on the right to a fork in the road directly west of a second cabin; turn left and go 0.5 miles to the property.

One day, October 16, 1951, was spent by G. M. MacKevett and C. L. Pinchart of the Geological Survey in examining the deposit. They were accompanied during the examination by Mr. T. Hanson, caretaker of the property. A sketch map at a scale of 1 inch equals 20 feet was prepared by the Brunton-tape method and seven chip samples were collected.

The property was previously owned by M. M. Horner from whom it was acquired in 1940 by the present owner, Mr. Merrell S. Wisdom of Van Nuys, California. No past production from the property is reported.

The road to the property is generally suitable as a haulage road with the exception of the last one-quarter mile which could be made satisfactory by a few hours of bull-dozer work. An adequate supply of water is available a few hundred feet southeast of the workings. Equipment on the property consists of a very poorly constructed headframe, about 50 feet of wire rope, and a small hoist.

The workings consist of a 20 foot shaft inclined 50° to the north, an 8 foot northwest-trending drift at its base, a small open cut 30 feet northwest of the shaft, and a 40 foot northeast-trending open cut about 40 feet northeast of the shaft (see sketch map).

Geology

The area is underlain by massive limestone which is cut by an ore-bearing fault zone that strikes northwest and dips steeply to

the northeast. The limestone is massive, finely crystalline, and where exposed in the long open cut it is highly shattered along the footwall.

The fault zone strikes N. 70° W. and dips 80° northeasterly. The footwall is well defined and is best exposed in the long open cut. The hanging-wall is obscured by slope wash on the surface and is not exposed in the workings. Continuity of the fault zone along the strike is also obscured by slope wash. The fault zone has a minimum thickness of 3 feet in the northeast end of the long open cut, and at the collar of the shaft the minimum thickness is about 10 feet.

The following lead and zinc minerals are disseminated rather uniformly throughout the zone: Cerussite, hemimorphite, and hydrozincite(?). There is a minor amount of galena near the bottom of the shaft, and several small, widely dispersed patches of chrysocolla (?) were also observed.

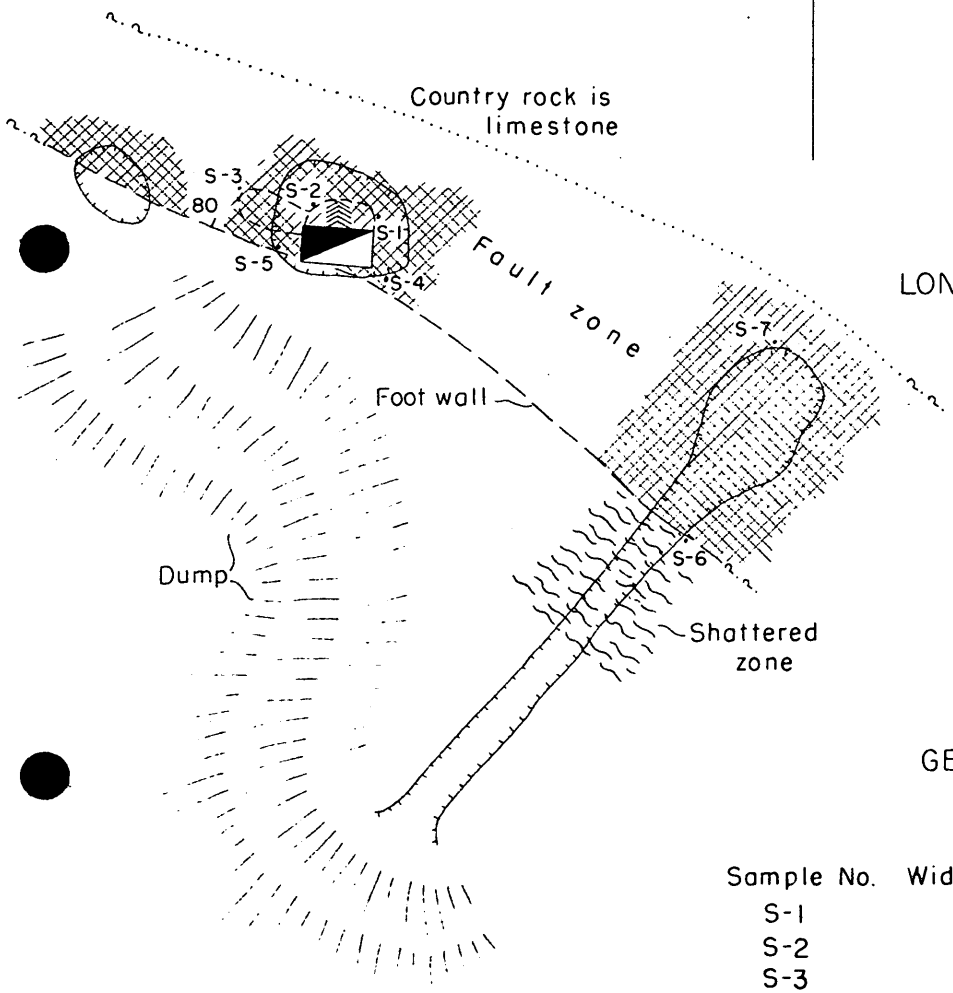
Conclusions

Seven chip samples were taken across the exposed portion of the fault zone at the places indicated on the accompanying map. Assays by the Hydrometallurgical and Ore-Dressing Branch of the Bureau of Mines at Reno, Nevada, are tabulated on the map, and lead & metal content considerably below a mineable grade. No geologic evidence suggesting an increase in grade at depth was observed.

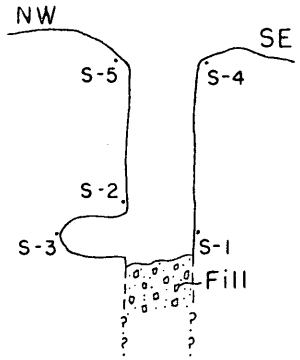
In view of the foregoing evidence, further exploration of the property does not seem feasible.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

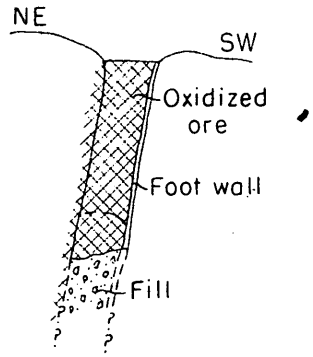
DMA 1890
(LEAD-ZINC)



PLAN OF SURFACE WORKINGS



LONGITUDINAL PROJECTION OF SHAFT SHOWING SMALL DRIFT



GENERALIZED CROSS SECTION THROUGH SHAFT

EXPLANATION

80 — Contact, showing dip (Dashed where approximately located)

Concealed contact

Ore

Outline of workings (Dashed where doubtful or concealed)

Trench and pit

Shaft at surface

Inclined workings (Chevrons point down)

• S-1 Sample localities

ASSAYS

Sample No.	Width in feet	% Pb	% Zn	% Cu	Oz Au/T	Oz Ag/T
S-1	3.8	*0.1	*0.1	0.10	Trace	Trace
S-2	4.0	2.6	0.5	0.04	Trace	0.80
S-3	2.0	*0.1	*0.1	*0.02	Trace	Trace
S-4	4.0	*0.1	0.3	*0.02	Trace	Trace
S-5	11.0	1.5	1.9	0.08	Trace	0.70
S-6	21.0	*0.1	0.3	*0.02	Trace	Trace
S-7	9.0	0.6	1.6	0.05	Trace	0.50

*Less than

SKETCH MAP OF THE LAST CHANCE PROSPECT, ESMERALDA COUNTY, NEVADA

0 20 40 60 Feet

Mapped October 16, 1951 by
E. M. MacKevett and C. D. Rinehart

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
NOV 19 2 33 PM '51

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-1890½, Last Chance Prospect

Esmeralda County, Nevada

(Lead-Zinc)

Charles D. Hinshart, Geologist
Edward M. MacKevett, Geologist
U. S. Geological Survey

November 9, 1951

Introduction

The Last Chance lead-zinc Prospect was examined at the request of Mr. Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration in order to determine the feasibility of government participation in a $10,000.00 exploration program. Assays indicate values too low to warrant further exploration, and the loan is therefore not recommended.

The property consist of three unpatented claims in the northeast edge of Sylvania Mountains, 9.8 airline miles S. 66° W. of Lida, Esmeralda County, Nevada. Access to the property via the Oasis-Lida road is as follows: From the California-Nevada border go east 11.7 miles to the intersection of the Tule Summit road; turn right and go southeast 3.6 miles past the ruins of the Pigeon Stamp Mill to a fork in the road, left of which is an old cabin; turn right and go 1.2 miles to another fork in the road; turn left following a "Log Spring" sign and go 0.8 miles past a cabin on the right to a fork in the road directly west of a second cabin; turn left and go 0.5 miles to the property.

One day, October 16, 1951, was spent by E. M. MacKevett and C. D. Hinshart of the Geological Survey in examining the deposit. They were accompanied during the examination by Mr. T. Hansen, caretaker of the property. A sketch map at a scale of 1 inch equals 20 feet was prepared by the Brunton-tape method and seven chip samples were collected.

The property was previously owned by M. M. Horner from whom it was acquired in 1948 by the present owner, Mr. Herrell S. Wisdom of Van Nuys, California. No past production from the property is reported.

The road to the property is generally suitable as a haulage road with the exception of the last one-quarter mile which could be made satisfactory by a few hours of bull-dozer work. An adequate supply of water is available a few hundred feet southeast of the workings. Equipment on the property consists of a very poorly constructed headframe, about 50 feet of wire rope, and a small hoist.

The workings consist of a 20 foot shaft inclined 80° to the north, an 8 foot northwest-trending drift at its base, a small open cut 20 feet northwest of the shaft, and a 60 foot northeast-trending open cut about 40 feet southeast of the shaft (see sketch map).

Geology

The area is underlain by massive limestone which is cut by an ore-bearing fault zone that strikes northwest and dips steeply to

the northeast. The limestone is massive, finely crystalline, and where exposed in the long open cut it is highly shattered along the footwall.

The fault zone strikes N. 70° W. and dips 60° northeasterly. The footwall is well defined and is best exposed in the long open cut. The hanging-wall is obscured by slope wash on the surface and is not exposed in the workings. Continuity of the fault zone along the strike is also obscured by slope wash. The fault zone has a minimum thickness of 24 feet in the northeast end of the long open cut, and at the collar of the shaft the minimum thickness is about 10 feet.

The following lead and zinc minerals are disseminated rather uniformly throughout the zone: Cerussite, hemimorphite, and hydrozincite(?). There is a minor amount of galena near the bottom of the shaft, and several small, widely dispersed patches of chrysocolla (?) were also observed.

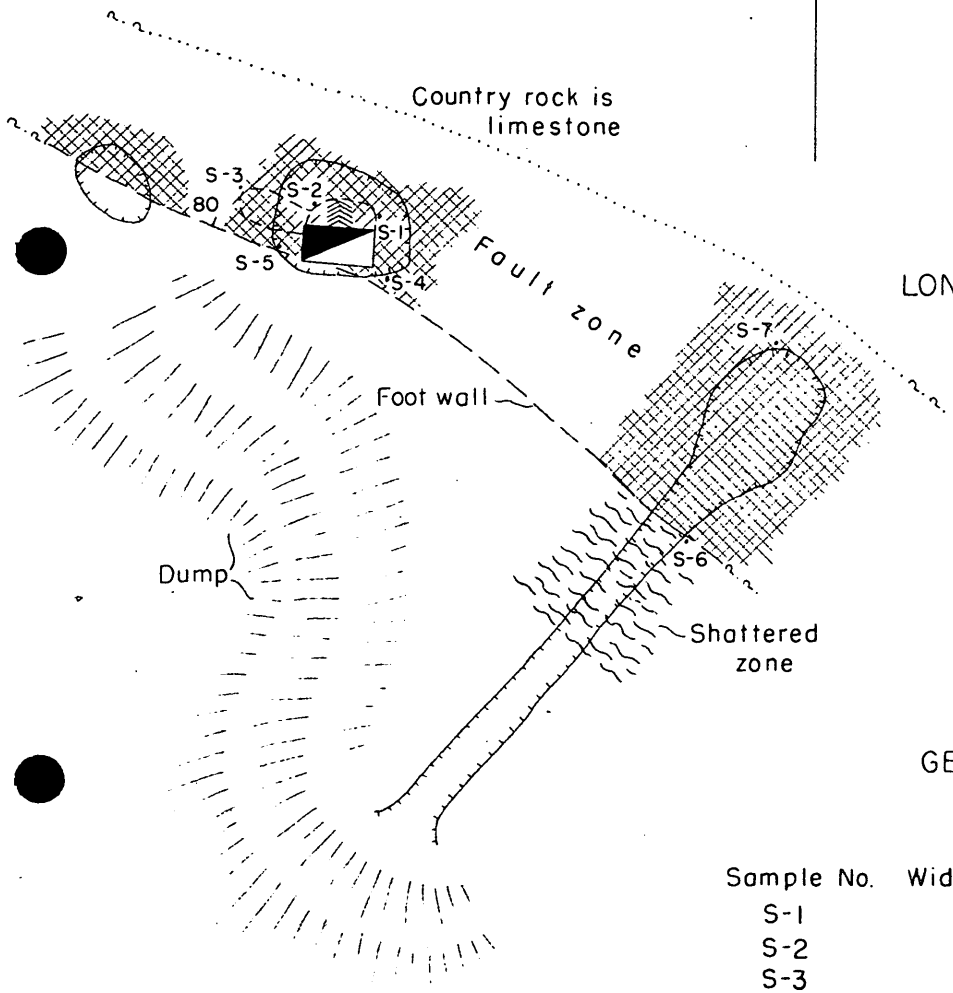
Conclusions

Seven chip samples were taken across the exposed portion of the fault zone at the places indicated on the accompanying map. Assays by the Hydrometallurgical and Ore-Dressing Branch of the Bureau of Mines at Reno, Nevada, are tabulated on the map, and reveal a metal content considerably below a mineable grade. No geologic evidence suggesting an increase in grade at depth was observed.

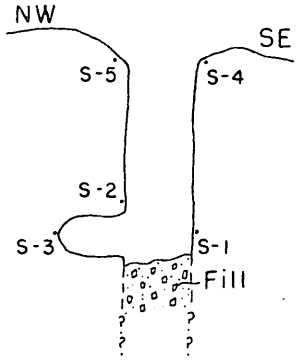
In view of the foregoing evidence, further exploration of the property does not seem feasible.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

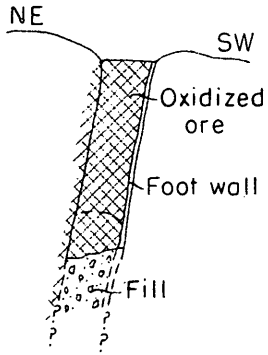
DMA 1890
(LEAD-ZINC)



PLAN OF SURFACE WORKINGS



LONGITUDINAL PROJECTION OF SHAFT SHOWING SMALL DRIFT



GENERALIZED CROSS SECTION THROUGH SHAFT

EXPLANATION

80 — Contact, showing dip (Dashed where approximately located)

Concealed contact

Ore

Outline of workings (Dashed where doubtful or concealed)

Trench and pit

Shaft at surface

Inclined workings (Chevrons point down)

• S-1 Sample localities

ASSAYS

Sample No.	Width in feet	% Pb	% Zn	% Cu	Oz Au/T	Oz Ag/T
S-1	3.8	*0.1	*0.1	0.10	Trace	Trace
S-2	4.0	2.6	0.5	0.04	Trace	0.80
S-3	2.0	*0.1	*0.1	*0.02	Trace	Trace
S-4	4.0	*0.1	0.3	*0.02	Trace	Trace
S-5	11.0	1.5	1.9	0.08	Trace	0.70
S-6	21.0	*0.1	0.3	*0.02	Trace	Trace
S-7	9.0	0.6	1.6	0.05	Trace	0.50

*Less than

SKETCH MAP OF THE LAST CHANCE PROSPECT, ESMERALDA COUNTY, NEVADA

0 20 40 60 Feet

Mapped October 16, 1951 by
E. M. MacKevett and C. D. Rinehart

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
AUG 22 1951
SAN FRANCISCO, CALIFORNIA

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

AUG 20 1951

Mr. Harold C. Miller
Bureau of Mines
1012 Flood Building
870 Market Street
San Francisco, California

Dear Sir:

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

Docket No. 1890

Commodity Lead Zinc Copper

Applicant Mr. Jerrell S. Wisdom

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

Clay T. Ross
For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1890

Commodity Lead Zinc

Total Amount $10,000.00

Govt. Participation 50%

1. Name and Address of Applicant Jerrell S. Wisdom, 14631 Sherman Way, Van Nuys, California

2. Location of Property Horner or Last Chance claims, 30 miles west of Lida, Esmeralda County, Nevada

3. Mineral or metal Lead, zinc, copper 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 Needs examination

e) Is there an alternative and favorable project? Don't know
(If so, attach an explanation)

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

6. If applicant is a lessee, is a copy of the lease attached? Does not apply

Does the lease have sufficient time to run to cover a future productive period? Does not apply

*question numbers are those of MF-103

7. Are subordination agreements necessary? No, does not apply

a) MF-201? No

b) MF-202 No

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

a) Available manpower Don't know

b) Equipment and supplies No
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* No information given in application

Is a field check needed on any of these points? Yes

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 because applicant did not describe proposed project

Is a field check needed on this point? Yes

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? Probably. Proposed work is not described

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? Don't know

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? Yes

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? No data furnished

d) Is a field check needed? Yes

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

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Don't know

c) Is the schedule excessive for the work proposed? Don't know

d) Are the proposed wages and salaries reasonable? Inadequate data furnished

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Don't know. Proposed work not described

(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?

Reviewed by: B. Gildersleeve

Date 8/15/51

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

Aug 8, 1951

350

Mr. Thomas Billings
Chief - Land - Zinc

Dear Sir:

I filed application for exploration loan and have docket number D.M.A. - 1890

I wish to further ad. we sank 10' more & drifted on for 10' - which makes approx. 50' all told, all on one. Cerussite & Anglesite

now last week I had a fellow up to see property & he says if the Govt. approves loan, he will install 50T mill on property for 10% net. I feel this information will aid subject matter in my behalf. I may have to amend application est. but will wait until federal engineers have inspected property & if favorable will act then.

Thanking you kindly

Jewell S. Wisdom
14631 Sherman Way Van Nuys

AUG 20 1951

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

August 27, 1951

Mr. Jerrell S. Wisdom
14631 Sherman Way
Van Nuys, California

Re: DMA-1890

Dear Mr. Wisdom:

Your application for Government financial aid for an exploration project ($10,000) on your lead-zinc claims thirty miles west of Lida, Nevada, has been referred to this office for additional information.

We note that you have made application for an exploration loan, yet in your answer to Question 8 of form MF-103 you state you have "plenty" of ore in sight, and in answer to Question 23(e) you say "all I need is a mill". Exploration loans are granted only to explore promising deposits of strategic metals and minerals. From what you report you have such a deposit, but whether you have enough ore blocked out to warrant the cost of a mill is something yet to be determined.

You have requested a loan of $10,000, yet in answer to Question 23(d) you estimate the cost of the mill at $3,000. For what do you want the additional $7,000? Then in answer to Question 23(b), you state that you want $10,000 and three months to prove or disprove the ore body despite the fact, as stated above, you claim to have "plenty" of ore in sight. The above statements are just some of the inconsistencies we find in your application.

In order for us to process your application, we will have to ask you to carefully and completely answer Questions 21, 22 and 23 of form MF-103. The answers you have given are not complete enough for our purpose. Your exploration program, if that is what it is to be, must be specifically outlined on maps or sketches, and all costs itemized.

On the other hand, if you desire the money to mine the ore and build a mill, an entirely different set of application forms will have to be filled out. These forms will be sent to you if we find out

SEP 1951

that you will need them. Development loans, however, are not on a matching basis as are exploration loans.

You should also give us instructions as to how to reach your property so that our engineers and geologists who will have to examine your property before a loan is granted can reach your claims.

Upon receipt of the requested additional information, we will again give consideration to your application and to the desirability of having a field examination made by our engineers and geologists.

Sincerely yours,

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

Copy to: Tom Lyon, DMA
E. H. Bailey, USGS

Form MF-103
(April 1951)

U. 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-1890.

Date received 7-16-51

Participation

James S. Wisdom
14631 Sherman Way
Van Nuys, Calif.

RECEIVED
JUL 22 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date JULY 5, 1951

FILL IN THIS BLOCK

Date of application APPOX MAR. 15, 1951 Estimated cost $10,000

Mineral or metal ZINC - LEAD - Copper. Percentage of Government participation 50%

Location of mine Log Springs NEV. 30 mi W. of LIDA 18 mi E. of OASIS CAL.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 16 1951
LANDON F. STROBEL
Executive Secretary

Date of filing MF-100 APPOX. MAR. 15, 1951 DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? INDIVIDUAL
*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.
*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. 6 YRS EXP. 2 yrs GEOLOGY - 1 yr MINING ENG.
*5. Are you the owner or the lessee of the property? OWNER
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. NONE
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. HAVE RECORDS OF EXPENCES

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. $2,900 IN PROPERTY
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)? $50,000 ON IN SIGHT. YES I HAVE A TRUCK, 105' COMPRESSOR & ALL TOOLS, & HOUSING - PLUS A FINANCIER IF LOAN APPROVED

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

JUL 31 1951

JUL 1951

5

THE PROPERTY

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. NONE BUT I AM 16 MI. S. OF SILVER PEAK MINE.

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

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

*11. State the present and former names of the property, if any. HORNOR CLAIMS, LAST CHANCE 15 yrs. IN ALL

*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. 30 MI. W. OF LIDA NEV. 18 MI. E. OF OASIS, CAL

*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. YES

*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.

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

*17. Production:

(*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		NONE		
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) NONE EXCEPT WHAT I EXPOSES AS AFORE STATED.

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

(*b*) Submit available maps and assay data. I SENT ALL TO DR. SIMM D.D.S. I WILL NOTIFY HIM TO SUBMIT.

(*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.

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 3 MO.

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

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.

THE REQUIREMENTS AND COSTS

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:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent. NONE

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. $9000 PR. DAY, ALL I OWN!

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. NONE

(*i*) Cost of power, water, utilities, and any other items not provided for above. NONE

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. UP TO 101,000 and I will prove or show more in 90 days.

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.

Dandino Inc. Co. (Name of company) By Jerrold S. Wisdom (Signature of authorized official)

July 5, 1951 (Date) Owner (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

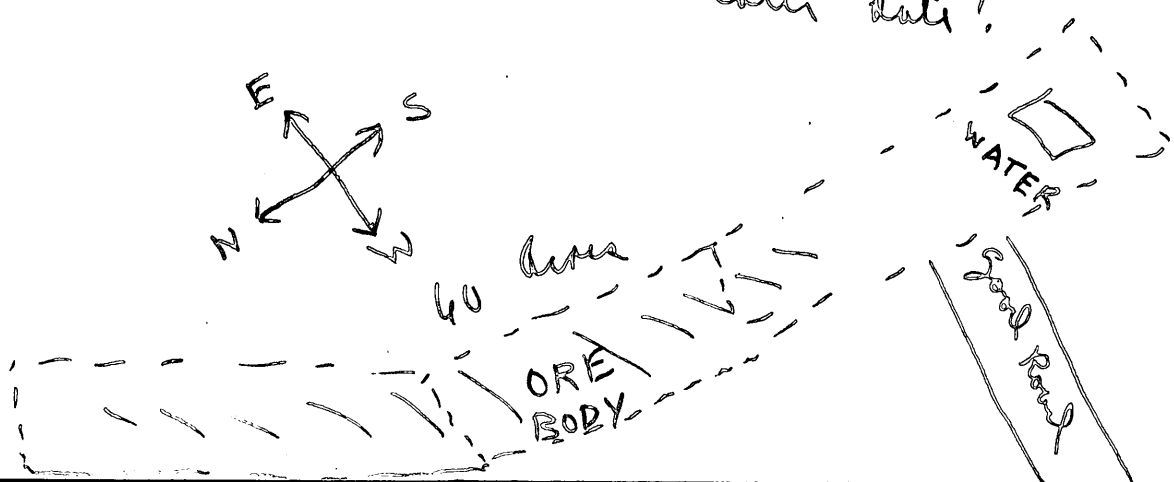
I

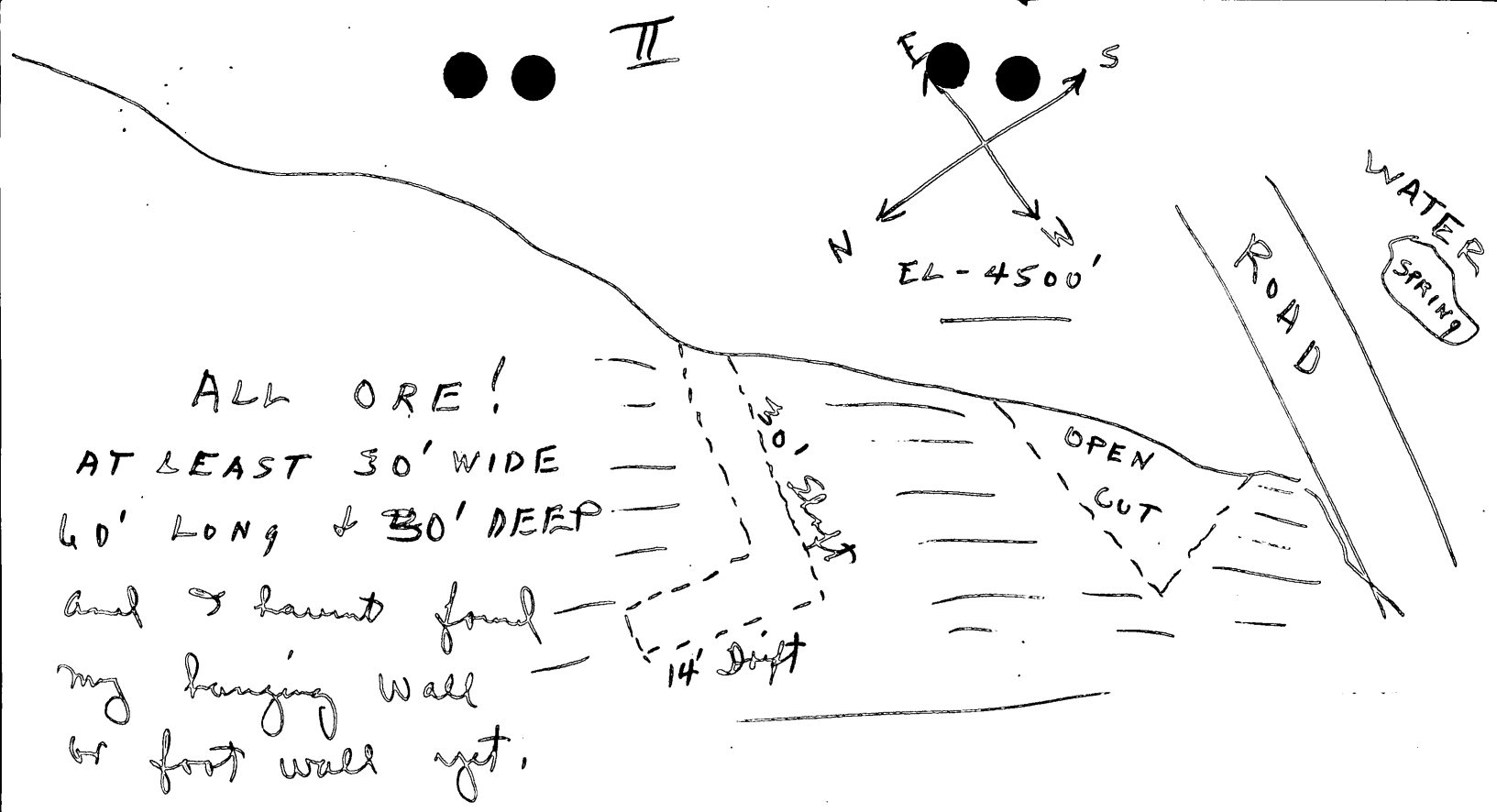
JULY 5, 1951

Ans. to questions

(4.) I have studied 2 yrs. Geology & have 4 yrs experience in mining in Calif. & Nev. also I am taking a 4 yrs. course (U.S. Bill of rights) in metal mining.

(8) As explained afore - I have $11,000 cash invested in property & equipment, Housing etc. on this property tho I have $2,900 invested, I have not mined or shipped ore. however I have opened up property and have plenty in sight! so far I just have & keep recordings of my expenses on prospect. as far as assets and consumed I value property at $50,000 because I have that much ore exposed. here is a drawing of property that will be verified by your field Geologist at a later date!





I have had experts up on this deposit & they say I have $50.000 in sight. assays at bottom of shaft are $124.70 — open cut $60.00 and $10.00 on surface for 30' — composite with a 3' vein of sulphide ore intruded in center of composite going N.E. to S.

(10) I as stated have located 60 acres, I bought Quintelain deed 3 yrs. ago from M.M. Hornor I have assessment work done, all in good legal order, I have spent appox $2,900 in Dams have not produced only Prospected as stated

(13) I have plenty flowing spring water to operate a 100 T. mill the year around, with the exception of Dec. 15th to Jan 15th weather permitting as usually will. I have approx 9 miners inches of water — There is 8 springs in canyon & I have access to all overflow, besides spring on my property!

(14) There isn't any now, but I have truck now & I will move all my Grand View housing, equipment etc on this property if loan approved.

(15) I mean to selective mine. by this I mean to ship my hi-grade by S.P. Railroad, I mean to mill (bank run) all my concentrates! as I say they will average $40.00 a ton & will go 76% recovery straight gravity later I mean to install float cells & pump my tailings

(15) back thru Tonopah to catch the other 24 y. long float —

(16) History is M.M. Horner an old Gov. had claims under location since 1933 to 1949 — in '49 I bought some 60 acres I have done development & assessment work for last 3 yrs. I would have shipped 3 cars last yr. but I liked 1½% to make money — of course today one is higher. U.S. Smelting Co. at Salt Lake City gave me a net. smelter return of $40.00 in '49 — this same ore will go $60.00 or better average today —

(16) (B) at Silver Peak Nev. I have been told produced millions of dollars the Cal-Nev. mine just over the hogback from me was a large producer.

V

(16) (B) but as you know both large producers were forced to suspend work for lack of protection to price, no American can compete with foreign slave labor, as in the case of Africa & S. America — Not to speak of the Bismarck Archipelago & the Philippines, China & Russia!
B.D. Shackleford field mgr. for the Guggenheim Bro's for 37 yrs. inspected my property & its potential — he is the source of this statment —

(16) (C) now this is a big prospect Only! your field Geo. will be ~~[illegible]~~ able ~~[illegible]~~ to furnish you with authentic information, to back my statments,

(23)

(A) I will hire 1 miner & 1 mill man & myself. The miner will draw 1% on tons moved I will open pit same. The millman will also get 1% of tons run (B) I of course will supervise & oversee. I have a good miner who will mine on 1% his percent should make him $300.00 pr. mo. plus board & room I will hire & operate on a Business Adventure agreement as long as I need Gov't. help. If one makes & holds then will be time to organize co. I feel $10,000 & 3 mo. will prove or disprove one body. As I say we or I will finance 50% by using my money & equipment — but I cannot get private capital if this is not approved.

(C) none! except minor mechanical tune up ect.

(D) Appox 3,000.00 I can procure mill

(D) for same amount than a friend.

(E) all I need is a mill, I own rest of necessary equipment, truck, housing etc.

(F) None.

(G) none.

Sincerely

Jerrell S. Wisdom
14631 Sherman Way
Van Nuys, Calif.

July 5, 1951

D.M.A.

If I understand correctly I am to finance this project 3 mo. Then the D.M.A. will finance 50% for 6 mo. This will give me time to prove or disprove one body. I can get personal finance if this is agreeable & will do same as stated

Sincerely

Jewell S. Wisdom
14631 Sherman Way
Van Nuys, Calif.

MF-200
(April 1951)

Docket No. DMA _____

Commodity _____

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 16 1951
Executive Secretary

It is agreed this 5 day of July, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Jewell S. Wisdom (Brundwin Mining Co.) I WILL FINANCE FOR 1ST 90 DAYS,

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 NEVADA, County of ESMERILDA described as follows: [3] 60 Acres with plenty water mining N.E. TO S. 30 Miles W. of LIDA NEVADA & 18 mi E. of OASIS CALIF. TO BE OPEN PITTED BANK RUN FOR 90 DAYS TO PROVE OR DISPROVE ORE 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: NONE

(*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 _____ days from the date of this contract shall commence work on a project of exploration for [5] NONE; 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] 90 DAYS 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. O.K.!

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 $3,333.00, which is 50 percent of the agreed estimated total cost of this project, $10,000.

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.

Jewell S. Wisdom
(Operator)

By _____

THE UNITED STATES OF AMERICA

By _____

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

MF-201

MORTGAGOR'S SUBORDINATION AGREEMENT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 16 1951
LANDON F. STROBEL
Executive Secretary

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the owner is the holder of a mortgage, claim, lien, or encumbrance dated ....., ..., recorded in Book ....., page ....., of the records of the county of ....., State of .....,

upon that certain parcel of ground described in a certain Exploration Project Contract dated ....., 195...., between .....

.....,

the owner of said property and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 5 day of July, 1951

Jennell S. Wisdom

U. S. GOVERNMENT PRINTING OFFICE 940767

NONE!

THE PRORERTY IS CLEAR

FILE COPY
SURNAME:
350

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

Gildersleeve (ETM)
McKnight
O'Leary
(cc R. Mote)
Johnson
Ron
Mom

AUG 20 1951

Re: DMA-1890 a.e.c.

Mr. Jerrell S. Wisdom
14631 Sherman Way
Van Nuys, California

Dear Mr. Wisdom:

Your application for exploration assistance on the Horner Claims (DMA-1890) has been reviewed by the Lead Zinc Branch. It is being sent to Mr. H. C. Miller, Executive Director, Field Team III, 145 Appraisers Building, San Francisco, California for further information and advice.

Sincerely yours,

8/20
BJ.

SIGNED
Tom Lyon, Director
Supply Division

BGildersleeve:jr
G: 8/15/51

cc: Files
H. C. Miller (2)
Chief, Lead Zinc Br.
E. T. McKnight
R. H. Mote
Reports and Records
Dir. Reading, Rm. 4212, GSA
Br. Reading, Rm. 4212, GSA

AUG 20 1951

Re: [illegible]

Mr. Jerrell R. Bledsoe
[illegible] Sherman Way
[illegible], California

Dear Mr. Bledsoe:

Your application for exploration permit on the Porter Claims [illegible] has been reviewed by the [illegible] Branch. It is being sent to Mr. [illegible] Miller, Executive Director, Gold [illegible], [illegible] Supervisors Building, [illegible], California for further information and service.

Sincerely yours,

[illegible]
Director
Supply Division

Boildersleeve:jr
[illegible]/15/51

cc: Files
[illegible] C. Miller (2)
[illegible], Lead Zinc Br.
[illegible] Light
[illegible]
Reports and Records
Mr. Reading, [illegible], OSA
Mr. [illegible], [illegible], OSA

McKnight

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

AUG 20 1951

Mr. Harold C. Miller
Bureau of Mines
1012 Flood Building
870 Market Street
San Francisco, California

Dear Sir:

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

Docket No. 1890

Commodity Lead Zinc Copper

Applicant Mr. Jerrell S. Wisdom

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

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1890

Commodity Lead Zinc

Total Amount $10,000.00

Govt. Participation 50%

1. Name and Address of Applicant Jerrell S. Wisdom, 14631 Sherman Way, Van Nuys, California

2. Location of Property Horner or Last Chance claims, 30 miles west of Lida, Esmeralda County, Nevada

3. Mineral or metal Lead, zinc, copper 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 Needs examination

e) Is there an alternative and favorable project? Don't know
(If so, attach an explanation)

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

6. If applicant is a lessee, is a copy of the lease attached? Does not apply

Does the lease have sufficient time to run to cover a future productive period? Does not apply

*question numbers are those of MF-103

7. Are subordination agreements necessary? ~~No, does not apply~~

a) MF-201? No

b) MF-202 No

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

a) Available manpower Don't know

b) Equipment and supplies No
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* ~~No information given in application~~

Is a field check needed on any of these points? Yes

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 because applicant did not describe proposed project

Is a field check needed on this point? Yes

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? Probably. Proposed work is not described

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? Don't know

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? Yes

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? No data furnished

d) Is a field check needed? Yes

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

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Don't know

c) Is the schedule excessive for the work proposed? Don't know

d) Are the proposed wages and salaries reasonable? Inadequate data furnished

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Don't know. Proposed work not described

(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? _____

Reviewed by: B. Gildersleeve

Date 8/15/51

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

FILE COPY
SURNAME:

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

July 31, 1951

Mr. Jerrell S. Wisdom
14631 Sherman Way
Van Nuys, California

Subject: DMA-1890
Re: Exploration Loan -
Hornor Claims

My dear Mr. Wisdom:

Reference is made to the letter of July 20, 1951 from Landon F. Strobel acknowledging your application and attachments of July 5, for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1890 and referred to Mr. Thomas Billings, Chief, Lead-Zinc Branch on July 30, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1890, the new number.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Reports & Records Unit

R. E. Adams:jc
cc: Adams
File
Billings
Lyon

Form MF-103
(April 1951)

U. 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 1890

Date received 7-16-51

Participation

Jewell S. Wisdom
14631 Sherman Way
Van Nuys Calif.

Name and address of applicant

Date July 5, 1951

FILL IN THIS BLOCK

Date of application May 1951

Estimated cost $10,000

Mineral or metal Zinc - lead - copper

Percentage of Government participation 50%

Location of mine 30 mi W. of LIDA NEV.
18 mi E. of OASIS CALIF.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 16 1951
LANDON F. STROBEL
Executive Secretary

Date of filing MF-100 4, 15, 1951

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

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

*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.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. 6 yrs. exp. 2 yrs. Geology - 1 yr. metal mining course.

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

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

7. If lessee, attach a copy of the lease and state if it is in good standing. NONE

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. NONE

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. $900 invested

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)? $50,000 one in cash. I CAN PAY MY SHARE IF LOAN APPROVED

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

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. 60 acres of my claims

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

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

*11. State the present and former names of the property, if any. M.M. HONOR CLAIMS - LAST CHANCE. HARD LUCK.

*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. Good - 30 mi FROM LIDA NEV. S.P. Railroad 70 mi.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. 9 miners inches State amount of power to be used, rate per hour or other cost, and source. Gas & oil.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. NONE. BUT WILL MOVE ALL MINE TO PROPERTY.

15. State in detail how the ore could be shipped and how and where milled. MILL ON PROPERTY CURRUCITE

*16. History: SHIP HI. GRADE TO U.S. SMELTERING CO. SALT LAKE UTAH.

(*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. NONE SILVER PEAK MINE

(*b*) State briefly the known history and production of adjoining and neighboring properties. CALIF-NEV. MINE.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. NONE

*17. Production:

(*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				

NONE!

*18. Ore or mineral reserves: (If property is or has been operating.) NONE

(*a*) Describe the ore or mineral deposits briefly. CURRUCITE 30' DEEP 30' WIDE 500' LONG.

(*b*) Submit available maps and assay data. WILL FORWARD DR. SIMM HAS.

(*c*) Give estimated tonnage and grade of each class of ore reserves. 1000 T. CURRUCITE 100 T. SULPHIDE.

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

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 6 MO.

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

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. NONE.

THE REQUIREMENTS AND COSTS

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:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 1 MINER - 1 MILLMAN

(*b*) Supervisors, by numbers and positions, with salaries of each. MYSELF

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. NONE

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. NONE

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. 3000.00 FOR MILL

(*f*) Cost of rental for equipment which the operator proposes to rent. NONE

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. 90.00 PR. DAY

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. 5.00 PR. DAY.

(*i*) Cost of power, water, utilities, and any other items not provided for above. GAS + OIL 5.00 PR. DAY.

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. I WILL FINANCE 3 MO. IT WILL TAKE 6 MO. TO PROVE OR DISPROVE ORE BODY

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.

Diamond Vein Mining Co. (Name of company) By Jennell S. Wilson (Signature of authorized official)

July 5, 1951 (Date) Owner (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

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

Form MF-103
(April 1951)

U. 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 1890

Date received 7-16-51

Participation

JERRELL S. WISDOM
14631 SHERMAN WAY
VAN NUYS CALIF.

Name and address of applicant

Date JULY 5, 1951

FILL IN THIS BLOCK

ORIGINAL
~~Date of~~ application APPOX MAR. 15, 1951
DOCKET NO. 1139X

Estimated cost $10,000

Mineral or metal ZINC-LEAD-Copper.

Percentage of Government participation 50%

Location of mine Log Springs, NEV.
30 MILES W. OF LIDA + 18 MI. E. OF OASIS, CALIF.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 16 1951

Date of filing MF-100 APPOX 4, 15, 51

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? INDIVIDUAL
*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.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property? OWNER
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. NONE
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.
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, IF approved I have a man who will finance!

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

also I have a truck now plus all needed tools, + equipment all I need is 20T, mill + I am in business!

THE PROPERTY

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. NONE EXCEPT 60 ACRES I WILL WORK

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

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

*11. State the present and former names of the property, if any. M.M. HORNOR CLAIMS LAST CHANCE

*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. 30 MI W. OF LIDA NEV. (8 MI E. OF OASIS, CAL.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. 9 MINERS INCHES State amount of power to be used, rate per hour or other cost, and source. GAS - APPROX 300 PR. HR.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. NONE, BUT I WILL MOVE ALL MY EQUIP'T ECT. ON SAME

15. State in detail how the ore could be shipped and how and where milled. U.S. SMELTERING MILL ON MY PROPERTY.

*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. NONE IS GOOD PROSPECT.

(*b*) State briefly the known history and production of adjoining and neighboring properties. SILVER PEAK - CAL-NEV. MIN

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. NONE

*17. Production:

(*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		NONE		
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) NONE

(*a*) Describe the ore or mineral deposits briefly. CURRESCITE 30' WIDE 30' DEEP 500' LONG

(*b*) Submit available maps and assay data. WILL FORWARD ASSAY REPORTS

(*c*) Give estimated tonnage and grade of each class of ore reserves. 1000 T. CURRCITE -100T SULPHIDE

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

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. OPEN PIT - 6 MO.

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

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. I HAVE ORE EXPOSED

THE REQUIREMENTS AND COSTS

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:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 1 MINER - 1 MILLMAN MYSELF.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. NONE

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. NONE

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. 3000.00 FOR MILL

(*f*) Cost of rental for equipment which the operator proposes to rent. NONE

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. $90.00 PR. DAY.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. NONE

(*i*) Cost of power, water, utilities, and any other items not provided for above. GAS + OIL - 5.00 PR. DAY.

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. I will open pit 6 mo. to prove or disprove deposit.

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.

Grundy Min. Co. (Name of company)

By Jerrell S. Wisdom (Signature of authorized official)

July 5, 1951 (Date)

Owner (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

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

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

DEPARTMENT OF THE ...
Defense Minerals Adm...
RECEIVED
JUL 16 1951
... Executive Secretary

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of _____, State of _____, described in a certain Exploration Project Contract dated _____, 195__, between _____, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated _____ _____, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 5 day of July, 1951

Jewell S. Wisdom

U. S. GOVERNMENT PRINTING OFFICE 940768

NONE!

I own property