DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2283

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This document has been recorded as

EXPLORATION PROJECT

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

Routing Slip
(ONE COPY SENT TO U.S.G.S. & U.S.B.M.)

To: CODE 700 RM. 4070A Date 12-13-51

To: Rare & Misc. Metals Date 12-13-51

To: (1) Johnson 3621 Date 2-14-52

To: (2) Nelson 4246 GSA Date

To: (3) Mr. Keller 4640 Date

To: Operating Committee 4624 Date 8-20-52

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

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To: Date

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CONTROLLED DOCUMENT

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 2 1952

Office of
Executive Officer
DMEA Field Team
Region III

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

November 28, 1952

Mr. Walter L. Low
Box 429
Winnemucca, Nevada

Re: Docket DMEA-2283 (Copper)
Ogee and Low Prospect
Humboldt County, Nevada

Dear Mr. Low:

In my October 6, 1952 letter to you, I stated that I was instructing Mr. A. C. Johnson, Chief, Mining Division, Bureau of Mines, Reno, Nevada to have an engineer stop off at your property when in the vicinity and take a look at what you have. This has now been done, and the examining engineer reports that you have done considerable work in constructing an access road to the property and a moderate amount of exploration work since the property was examined by a geologist of the U. S. Geological Survey on June 1, 1952.

The samples taken by the engineer on his recent examination indicate a fair copper content in the surface ore and a slightly better content in the deepest exposures. The engineer reports that you suggested to him that you would be interested in a diamond drilling program as a means of exploring your deposit at depth. Such a program probably is warranted to determine the work and grade of copper mineralization at depth.

Your original program, however, which was not approved by the Defense Minerals Exploration Administration and the costs thereof are not applicable to the present suggested program, and it is recommended that you submit a new application for Government assistance along the lines of the new program you have in mind.

In order for you to do that, we are sending herewith a set of five copies of MF-103 loan application forms, together with a copy of DMEA Order No. 1, and a copy of the booklet, entitled The Defense Minerals Exploration Program.

If you will fill out the MF-103 forms and send us four copies, together with all other supporting maps, schedules, costs, etc., we will transmit them with copies of our engineer's report to the Defense Minerals Exploration Administration in Washington, D. C. upon receipt.

Copy to: DMEA, Interior Bldg., Wash., DC
E. H. Bailey, USGS
A. C. Johnson, Reno, Nevada

Sincerely yours,

H. C. MILLER

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

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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WASHINGTON 25, D. C.

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DMEA Field Team, Region III

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

Office of
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DMEA Field Team
Region III

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

October 6, 1952

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Dear Mr. Low:

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You state that you have opened up a good body of ore on your property and we are definitely interested in learning of such developments. I am, therefore, instructing Mr. A. C. Johnson, Chief, Mining Division, Bureau of Mines, Reno, Nevada, to have an engineer stop off at your property when in the vicinity and take a look at what you have.

Sincerely yours,

H. C. MILLER

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

Copy to: DMEA, Interior Building, Washington 25, D. C.
E. H. Bailey, USGS
A. C. Johnson, Reno, Nevada

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

Office of
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DMEA Field Team
Region III

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870 Market Street
San Francisco 2, Calif.

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

Copy to: DMEA, Interior Building, Washington 25, D. C.
E. H. Bailey, USGS
A. C. Johnson, Reno, Nevada

SD

FILE COPY
SURNAME:

Schmidt
Ellis
Johnson
Lampson
Selfridge

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

AUG 21 1952

Mr. Chas. Ogee and Mr. Walter Low
P.O. Box 243
Winnemucca, Nevada

Re: Docket DMA-22 3 (Copper)
Ogee and Low Prospect
Humboldt County, Nevada

Dear Messrs. Ogee and Low:

Your application for aid in an exploration project docketed under the captioned number has been thoroughly reviewed by this Agency.

Projects approved by the Defense Minerals Exploration Administration must in its judgment show definite promise of yielding material of acceptable grade, and in quantities that will improve the mineral supply position for National Defense.

A careful study of your proposal and all information available, together with a field examination of the property by Government engineers, reveals that the probability of disclosing mineable reserves is not considered sufficiently promising to justify Government participation.

We regret that under these circumstances your application for exploration aid to the extent of 50% of $16,525.00 must be denied.

If future work at your property reveals evidence which could materially alter this opinion, please be assured we will be glad to consider a new application.

Sincerely yours,

C. O. Mittendorf

Acting Administrator

8/21

FLSchmidt/jem
8/20/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-3621
Ned Nelson-4216 G&A
Ellis Schmidt
Field Team, Region III (2)

8/15/52 gla

IN REPLY REFER TO:

G-MD-CNF

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

August 14, 1952

Memorandum

To: Mr. E. W. Ellis

From: N. E. Nelson

Subject: DMEA 2283 (Copper) Ogee and Low Prospect, Humboldt County, Nevada.

The report of R. C. Reeves, Geologist, on the above prospect has been reviewed.

The decision of the Executive Officer of Region III is taken and accepted as in accord with findings of the examining geologist.

N. E. Nelson

N. E. Nelson

IN REPLY REFER TO:

G-MD-CNF

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

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7/21/52 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 21 1952

Office of
Executive Officer
DMEA Field Team
Region III

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

July 15, 1952

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 2283 (Copper), Ogee and Low Copper Prospect, Humboldt County, Nevada

Reference is made to the request by Mr. Frank E. Johnson, dated March 3, 1952, for a field examination of the subject property.

Our engineers contacted Mr. Charles Ogee on April 2 at Winnemucca, Nevada relative to the proposed exploration project at which time it was learned that road conditions and deep snow would prevent an examination of the property for at least six weeks. No work had been done on the property, which is in rugged country, and what sampling had been done was superficial and not adequate to evaluate the deposits; and no maps, showing either topography or geology were available. It was thought, therefore, that the first step in the examination should be some area geology. Accordingly, the docket was referred to the Geological Survey with the thought that if the property looked favorable geologically, consideration then would be given by our engineers to the applicant's proposed work and costs.

The property has now been examined by the geologist and attached are four copies of a report - DMEA 2283, Low and Ogee Copper Prospect, Humboldt County, Nevada by Robert G. Reeves, Geologist, U.S. Geological Survey, dated July 10, 1952.

The examining geologist cut two samples across the best ore and reports they contained 0.25 and 0.27 percent copper. Because of the low grade and limited extent of the mineralized rock, the geologist recommended that the applicant's request for Government assistance be denied. Consequently, no further consideration was given by our engineers to the applicant's proposal.

The docket is being returned herewith.

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

Attachments
Copy to E. H. Bailey, USGS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 21 1952

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 2283, Low and Ogee Copper
Prospect
Humboldt County, Nevada

Robert G. Reeves, Geologist
U. S. Geological
Survey

July 10, 1952

Summary and Conclusions

The Ogee-Low copper prospect lies on the eastern slopes of the rugged Jackson Mountains, approximately 25 miles north of Jungo, Nevada. Steep precipitous topography presents road building problems, and ore and equipment could be moved only with difficulty over the existing roads.

Copper minerals mainly azurite and malachite with minor chalcopyrite chrysocolla, and chalcocite, are found erratically distributed in small veins in meta-andesite. Small amounts of pyrite and chalcopyrite also are disseminated in a silicified zone in the meta-andesite. Two samples, cut from this zone, assayed 0.25 and 0.27 percent copper, respectively. Other mineralized rocks did not contain sufficient quantities of copper to warrant sampling.

Owing to the low copper content of the silicified zone, and the erratic distribution and small size of the other copper occurrences, it is recommended that the applicant's request for a loan be denied.

Introduction

Mr. Walter L. Low and Mr. C. H. Ogee have submitted an application (DMEA 2283) for Government participation in an exploration project on the Ogee and Low Copper prospect, Humboldt County, Nevada. At the request of Mr. H. C. Miller the Ogee and Low prospect was examined by the author on June1, 1952, accompanied by Victor E. Kral, Mining Engineer, Nevada Bureau of Mines, and Walter L. Low, one of the applicants. Valuable assistance in making the examination was rendered by both Mr. Kral and Mr. Low. A pace and Brunton sketch map (Fig.) was made as a part of the examination.

The property lies on the east slope of the Jackson Mountains, between Big and Boulder Creeks, in the north central part of T. 39 N., R. 32 E. MDBBM, Humboldt County, Nevada. It is reached by travelling 5.2 miles over a rough, steep unimproved road which turns westward from the county road 24.0 miles north of Jungo, Nevada (1.2 miles south of the Alexander ranch). The altitude of the property ranges from about 6900 feet to about 8500 feet above sea level. Soil covered slopes are steep ranging in slope up to 35°, and outcrops form numerous cliffs, some of which are 50 feet high. Transportation of either ore or equipment over the existing roads would be difficult, and the rough topography results in difficult and costly road building.

Adequate water for mining and milling purposes is available from Boulder and Big Creeks throughout the year during any but the driest years.

The property consists of the Rainbow Group of 11 unpatented mining claims, held by the applicants, Charles Ogge, Winnemucca, Nevada, and Walter Low, Alexander Ranch, Humboldt County, Nevada.

History and Production

The occurrence of copper on the Rainbow property has been known for many years. Two adits, now caved, were driven by several previous owners. The present owners located the claims in July, 1951.

The property has no record of production.

There are no adjoining properties but occurrences of copper are reported to lie 4 miles to the west.

Development

In addition to the two caved adits, which from the size of their dumps are judged to be less than 100 feet long, work on the property consists of one short adit, 40 feet long, and 3 small prospect pits.

Geology

The property is for the most part underlain by meta-andesite but in the eastern part phyllites, which underlie the meta-andesite, are exposed.

The meta-andesite is a dark, fine-grained rock, which has locally been metamorphosed to a green stone. Numerous faults, some of considerable magnitude, cut the andesite.

Ore Deposits

Copper minerals, predominately malachite and azurite, with minor amounts of chalcopyrite, chalcocite, and chrysocolla, are found in veins in the andesite. The secondary copper minerals occur also in places where faults and fractures in the andesite have allowed the circulation of copper-bearing waters.

Most of the copper occurrences are narrow, generally less than two feet wide, discontinuous, and consist mainly of erratic concentrations of malachite and azurite. In the western part of the property however, a northwest-trending silicified zone, approximately 400 feet wide and several hundred feet long, contains minor amounts of disseminated pyrite and chalcopyrite. The southeastern limit of the silicified zone is concealed by soil.

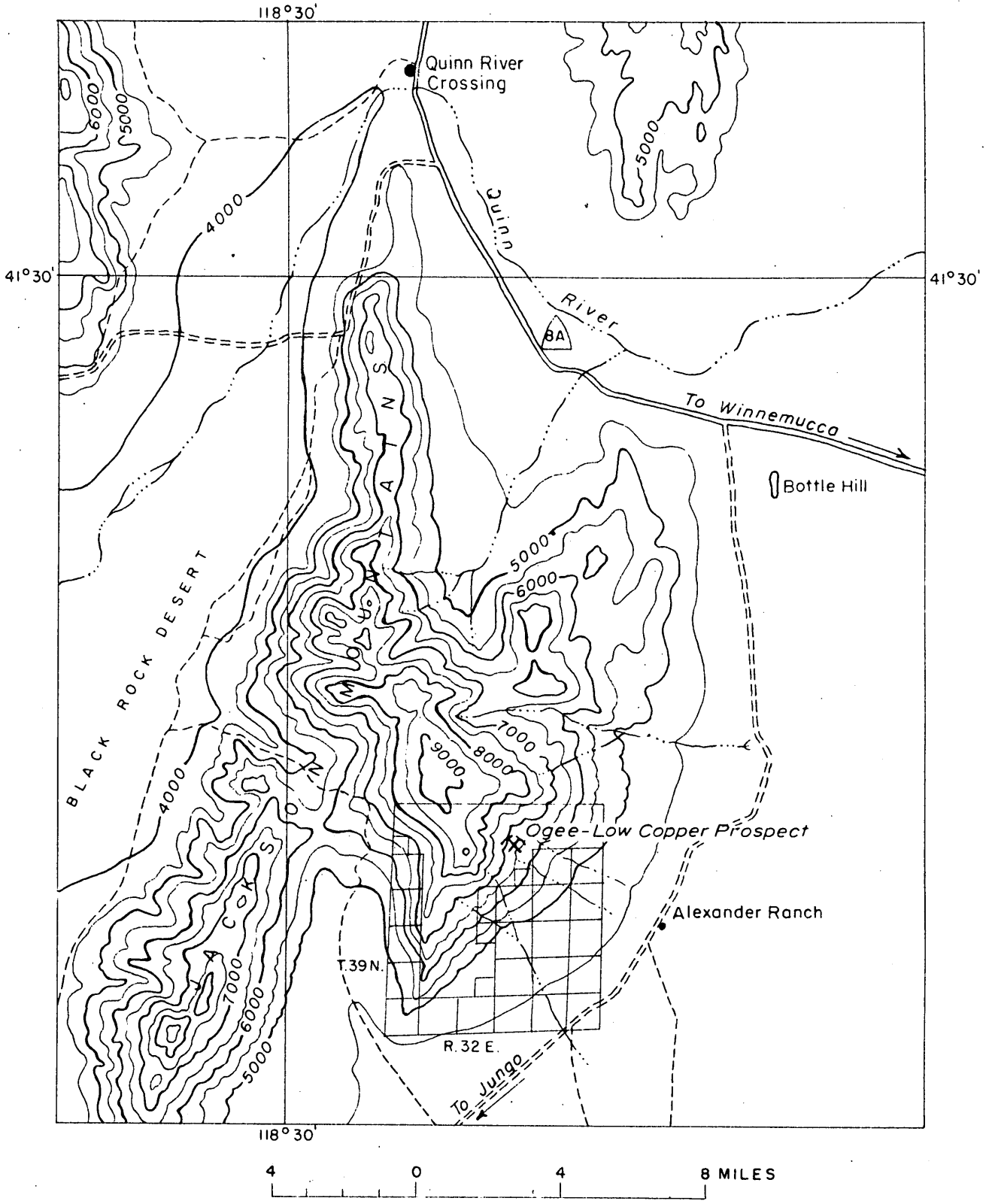
Sampling

Aside from the silicified zone, none of the other copper occurrences are significant, and none were sampled. Two samples, cut across what appears to be the most highly mineralized part of the silicified zone, assayed as follows:

Sample No.	Description of Sample	%Cu	Oz.Au	Oz. Ag.
1	50-foot chip sample, north-eastern part of zone	0.27	Tr.	Tr.
2	20-foot chip sample, south-western part of zone	0.25	Tr.	Tr.

Conclusions and Recommendations

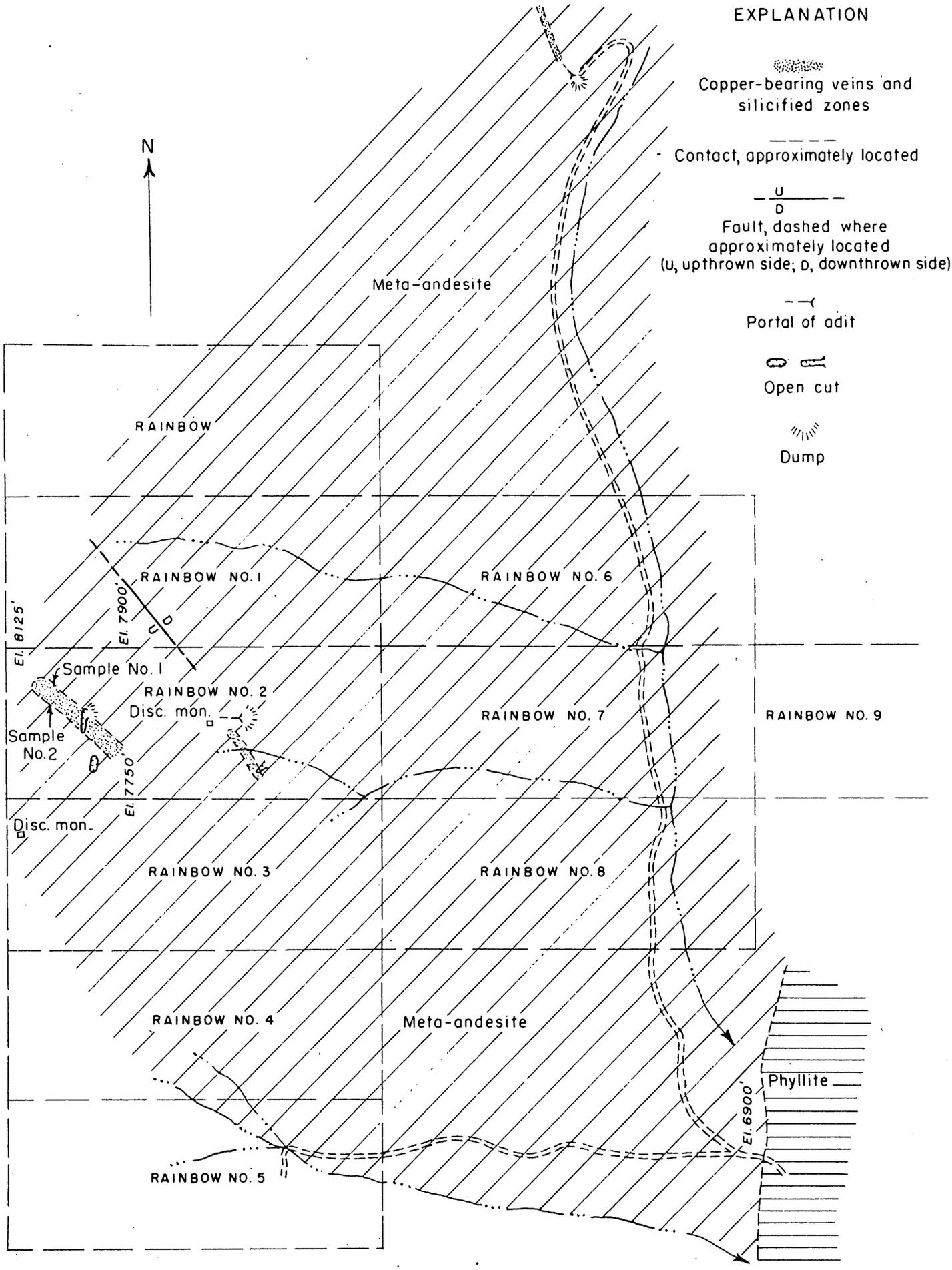
The applicants have proposed bulldozer trenching to expose a possible southeastern extension of the silicified zone, as well as bulldozer trenching on several other small copper-bearing zones. Owing to the low grade of the main copper-bearing zone, and the erratic, spotty, and extremely small occurrences of copper elsewhere on the property, it is recommended that no further consideration be given to the property and that the applicant's request for Government assistance in exploration be denied. The applicant estimated the work proposed would cost $16,525 As the property does not warrant further exploration the cost of the work proposed by the applicant has not been considered or commented upon in this report.



Index map showing the location of the Ogee–Low Copper Prospect, Jackson Mountains, Humboldt County, Nevada

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA-2883
(COPPER)



Claim boundaries are approximately located from company maps

Mapped by R. G. Reeves, June 1952

500 0 500 1000 FEET

GEOLOGIC SKETCH MAP, OGEE-LOW COPPER PROSPECT
JACKSON MOUNTAINS, HUMBOLDT COUNTY, NEVADA

7/25/52 gla to

UNITED STATES
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Office of
Executive Officer
DMEA Field Team
Region III

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

July 15, 1952

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

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DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
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DMEA 2283, Low and Ogee Copper Prospect
Humboldt County, Nevada

Robert G. Reeves, Geologist
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July 10, 1952

Reviewed by
DMEA OPERATING COMMITTEE
7-25-52
(date)

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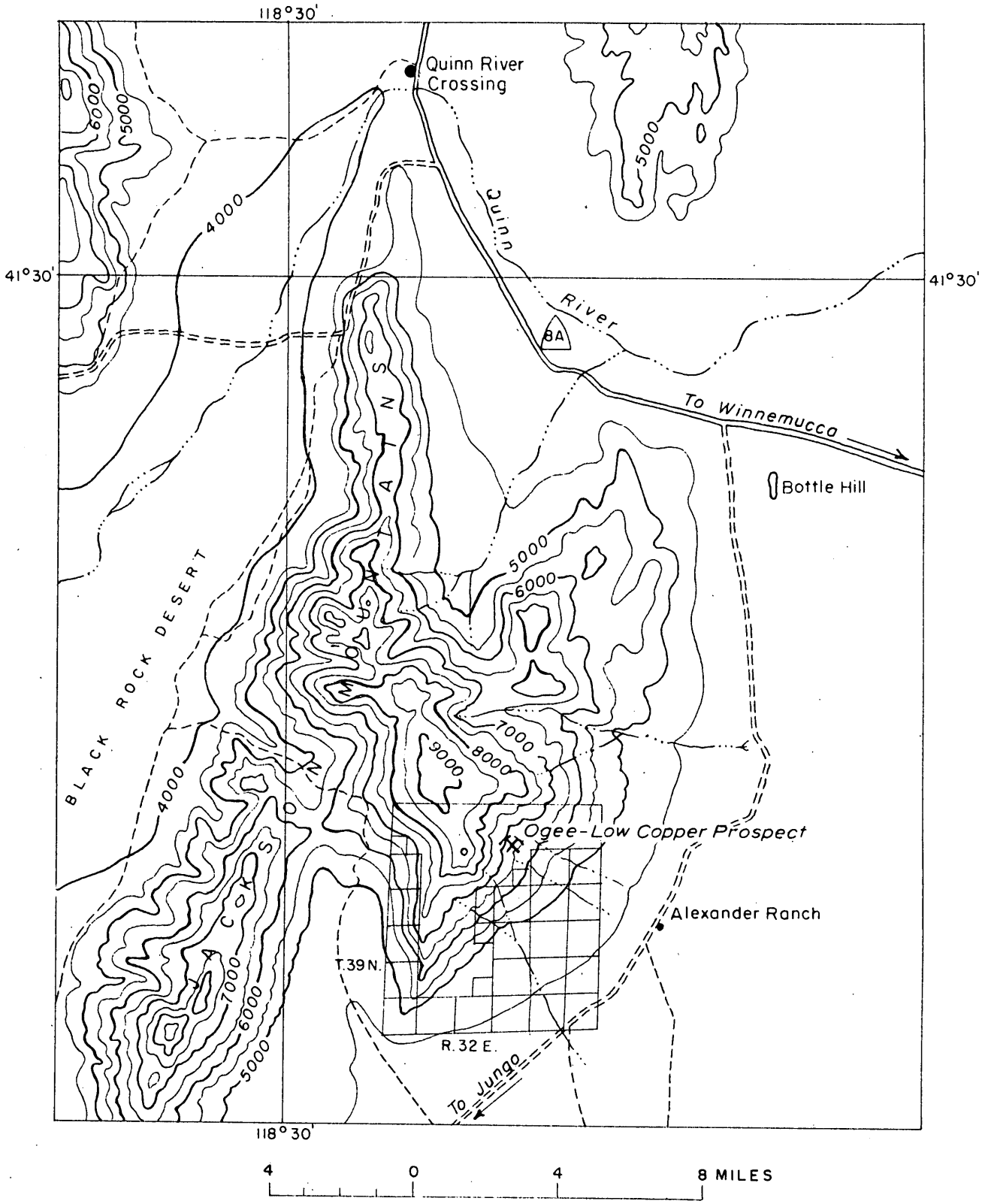
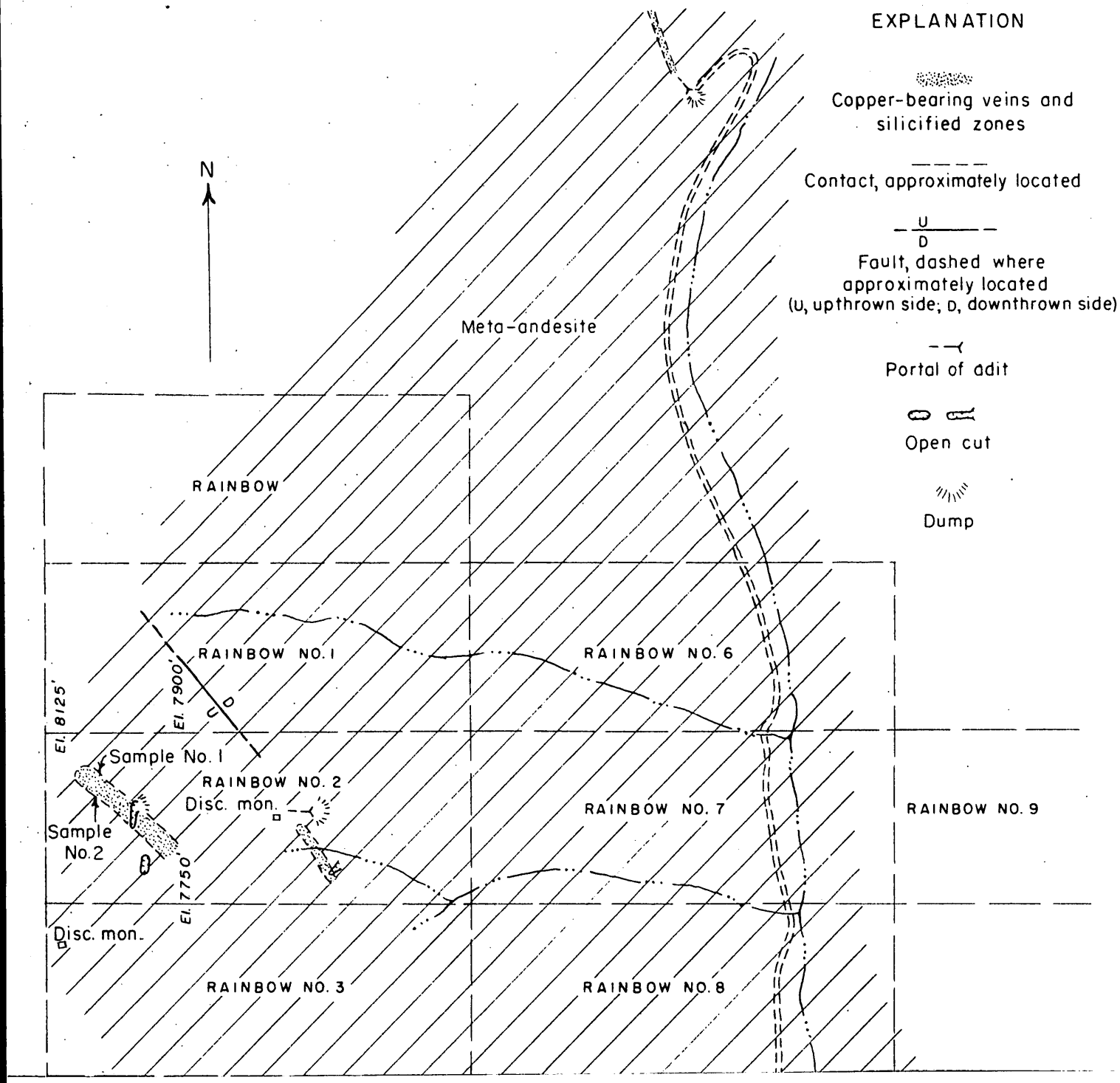


Index map showing the location of the Ogee–Low Copper Prospect, Jackson Mountains, Humboldt County, Nevada

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA-2883
(COPPER)



FILE COPY
SURNAME:

700

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

Air Mail

MAR 3 1952

Mr. C. H. Ogeo
P.O. Box 243
Winnemucca, Nevada

Re: Docket No. DMEA-2283 (Copper)
Ogeo and Low Copper Prospect
Humboldt County, Nevada

Dear Mr. Ogeo:

Your application for assistance in exploring your property in Humboldt County, Nevada, under the above captioned docket number, has been reviewed by the Rare and Misc. Metals Division of the Defense Minerals Exploration Administration and has been referred to Mr. H. C. Miller, Executive Officer, Region III, DMEA Field Team, 1012 Flood Building, 870 Market Street, San Francisco 2, California.

The Regional office may contact you concerning your project.

Sincerely yours,

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

HFKeller/jem
2/27/52
cc to: Adm. Reading File
Docket
Messrs. Johnson, CH Rm. 3621
Nelson, Ned, Rm. 4216 CS
Ellis
Keller
Field Team, Region III (2)

FILE COPY
SURNAME:
700

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

AIR MAIL

MAR 3 1952

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

Re: Docket No. DMEA-2203 (Copper)
Ogee and Low Copper Prospect
Humboldt County, Nevada

Dear Mr. Miller:

We are enclosing one copy each of the subject application and supporting evidence.

It is evident from our correspondence with the applicants that they know very little about their prospect other than its location and the results that they obtained from three samples that they took from different outcrops on their property.

There is the possibility that your office has sufficient information on the mining claims covered in this application, or about the applicants that would permit you to decide whether a Field Team examination would be justified.

We authorize you to make such an examination if you deem it advisable.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee (JHB)
Defense Minerals Exploration
Administration

S.N. 3-3-62

Enclosures

HFKeller/jem
2/27/52

APPROVED:

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

T. P. Thayer (JHB)
Member, Geological Survey

cc to: Adm. Reading File
Docket
Messrs: Johnson, C.H. Rm. 3621
Nelson, Ned Rm. 4216 GS
Ellis
Keller
Field Team, Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 7 1952

Winnemucca, Nevada
February 5, 1952

Re: DMEA-2283 (Copper
Rainbow Mining Claims
Humboldt County, Nevada

Ernest William Ellis
Acting Chief, Rare & Miscellaneous Metals Division
Defense Minerals Exploration Administration
United States Department of the Interior
Washington 25, D.C.

Dear Mr. Ellis:-

I received your letter of January 29, 1952, in which you make certain additional inquiries relative to the above referenced mining claims. I will try to answer your questions in the order in which they were presented.

The cost of construction of 7.3 miles of access road, (your paragraph 1-a) will cost $3,400.00. The cost of trenching mining claims (your paragraph 1-b) will be $16,275.00. The cost of sampling and assaying (your paragraph 1-c) will be $250.00.

From the above there will of course appear no discrepancy between the figure of $16,525.00 and $19,925.00, as the difference is the cost of the access road above described.

It is not feasible to move a bulldozer to the property without constructing the access road (your paragraph 2), as the necessary supplementary equipment to do the trenching and sampling would still have to be brought on the property. The bulldozer without the supplementary equipment is of little use.

The present means of traveling to the property (your paragraph 3) is as follows: Originally the claims were reached by horseback. Now when the climatic conditions are perfect, it is possible to get within three miles of the property by four wheel drive equipment. From there we have been walking in to the property. It is always possible to get to the point where the access road will leave the County road, with proper equipment. The remaining 7.3 miles, and particularly the last three miles make it incumbent that a road be built.

The general description of the surface terrain (your paragraph 4) is as follows: The height of the claims above sea level, and of the road juncture averages approximately 7,500 feet. The terrain is rough, rocky and steep. The proposed access road

will however, have good drainage and should be an all winter road under normal weather conditions.

The assay certificates of the samples taken by Walter L. Low (your paragraph 5) are herewith enclosed. These sample sheets are numbered as they appear on the map.

The general description of the minerals (your paragraph 6) is as follows: Quartz malachite chrysocolla limonite chalcopyrite. Copper 23.4%. The length of the vein is approximately 1¼ miles, the width varying from 10 to 20 feet.

I trust this is the information that you desire, and I appreciate your cooperation in this matter.

Sincerely yours,

C H Ogle

CO/dah
Encls/

WALTER S. PALMER, DIRECTOR
VINCENT P. GIANELLA, GEOLOGIST
WILLIAM I. SMYTH, ANALYST

UNIVERSITY OF NEVADA

STATE ANALYTICAL MINING LABORATORY

No. 1002

Reno, Nevada

6-14-51

Mr. Walter L. Low

Box 429 Winnemucca, Nevada

Rainbow 1

Report on sample or specimen received from you on 6-11-51, is as follows:

Number	MINERALS OR ROCK	Ounces Per Ton		
		Gold	Silver	
Sample No 1	Quartz malachite chrysocolla limonite chalcopyrite.	none	none	
	Copper 23.4%			Cu 23.4
	No 2			

W S Palmer
Director.

The Laboratory very often receives a letter which does not state definitely what is desired on a given sample or we may misunderstand a request, therefore in case we have not made the determination you desire or you wish further information regarding these samples, please write within a month, and refer to the number of this report.

The State Analytical Mining Laboratory makes free determinations of Nevada ores and minerals only for citizens of the State, on Nevada samples. As satisfactory assays cannot be made on very small single piece specimens, no gold or silver assays are run on specimens under three ounces in weight unless special conditions are shown to prevail. Assays below 20 cents per ton are reported as traces or none.

Please address samples and communications to State Analytical Mining Laboratory, University of Nevada, Reno, Nevada, and be sure to put your name on your packages; this is often not done and we are unable to return reports and are accused of throwing the samples away.

Low grade sample Rainbow

WALTER S. PALMER, DIRECTOR
VINCENT P. GIANELLA, GEOLOGIST
WILLIAM I. SMYTH, ANALYST

UNIVERSITY OF NEVADA

STATE ANALYTICAL MINING LABORATORY

No. 1278

Reno, Nevada

August 2, 1951

Mr. Walter L. Law

Box 429, Winnemucca, Nevada

Report on sample or specimen received from you on July 26, 1951, is as follows:

Number	MINERALS OR ROCK	Ounces Per Ton		
		Gold	Silver	
2		0.02	none	Copper--0.6%

no 3

W S Palmer
Director.

The Laboratory very often receives a letter which does not state definitely what is desired on a given sample or we may misunderstand a request, therefore in case we have not made the determination you desire or you wish further information regarding these samples, please write within a month, and refer to the number of this report.

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WALTER S. PALMER, DIRECTOR
VINCENT P. GIANELLA, GEOLOGIST
WILLIAM I. SMYTH, ANALYST

UNIVERSITY OF NEVADA

No 1473

Reno, Nevada

STATE ANALYTICAL MINING LABORATORY

August 30, 1951

Rainbow 3

Mr. Walter L. Low

Box 429, Winnemucca, Nevada

Report on sample or specimen received from you on August 25, 1951, is as follows:

Number	MINERALS OR ROCK	Ounces Per Ton		
		Gold	Silver	
3 1	Quartz, feldspar, azurite, chrysocolla, limonite. Not radioactive.	Trace	1.00	Copper--11.1%

no 1

C. W. Hammond
Director

The Laboratory very often receives a letter which does not state definitely what is desired on a given sample or we may misunderstand a request, therefore in case we have not made the determination you desire or you wish further information regarding these samples, please write within a month, and refer to the number of this report.

The State Analytical Mining Laboratory makes free determinations of Nevada ores and minerals only for citizens of the State, on Nevada samples. As satisfactory assays cannot be made on very small single piece specimens, no gold or silver assays are run on specimens under three ounces in weight unless special conditions are shown to prevail. Assays below 20 cents per ton are reported as traces or none.

Please address samples and communications to State Analytical Mining Laboratory, University of Nevada, Reno, Nevada, and be sure to put your name on your packages; this is often not done and we are unable to return reports and are accused of throwing the samples away.

2/18/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

February 15, 1952

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-2283 Ogee and Low Copper Prospect, Humboldt County, Nevada

I have ~~received~~ viewed the additional data submitted by the applicant on Form 100, January 24, 1952, and in a letter to you dated February 5, 1952; also Mr. Keller's written comments.

The evidence is still far from convincing, but applicant states that sampling, over 10-foot widths, in two places gave 11.1 and 23.4 percent copper returns. In the face of such claims, and assuming good faith on part of applicant, it would be hard to refuse a field examination. We have no previous reports or other information on the property. There is a known copper deposit of some size a few miles away.

I suggest that a request for a Field Team report be made, with instructions to the Field Team that a field examination need not be made if factual information on the property is at hand that would justify denial without examination.

Am sending file on to Mr. Nelson.

C. H. Johnson

C. H. Johnson

Copy to: Mr. Nelson
Minerals Division
Base Metals Branch
Files

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 18 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

February 15, 1952

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-2283 Oges and Low Copper Prospect, Humboldt County, Nevada

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The evidence is still far from convincing, but applicant states that sampling, over 10-foot widths, in two places gave 11.1 and 23.4 percent copper returns. In the face of such claims, and assuming good faith on part of applicant, it would be hard to refuse a field examination. We have no previous reports or other information on the property. There is a known copper deposit of some size a few miles away.

I suggest that a request for a Field Team report be made, with instructions to the Field Team that a field examination need not be made if factual information on the property is at hand that would justify denial without examination.

Am sending file on to Mr. Nelson.

C. H. Johnson

Copy to: Mr. Nelson
Minerals Division
Base Metals Branch
Files

C
O
P
Y

Winnemucca, Nevada
February 5, 1952

Re: DMEA-2283 (Copper)
Rainbow Mining Claims
Humboldt County, Nevada

Ernest Wm. Ellis
Acting Chief, Rare & Miscellaneous Metals Division
Defense Minerals Exploration Administration
United States Department of the Interior
Washington 25, D.C.

Dear Mr. Ellis:-

I received your letter of January 29, 1952, in which you make certain additional inquiries relative to the above referenced mining claims. I will try to answer your questions in the order in which they were presented.

The cost of construction of 7.3 miles of access road, (your paragraph 1-a) will cost $3,400.00. The cost of trenching mining claims (your paragraph 1-b) will be $16,275.00. The cost of sampling and assaying (your paragraph 1-c) will be $250.00.

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It is not feasible to move a bulldozer to the property without constructing the access road (your paragraph 2), as the necessary supplementary equipment to do the trenching and sampling would still have to be brought on the property. The bulldozer without the supplementary equipment is of little use.

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will however, have good drainage and should be an all winter road under normal weather conditions.

The assay certificates of the samples taken by Walter L. Low (your paragraph 5) are herewith enclosed. These sample sheets are numbered as they appear on the map.

The general description of the minerals (your paragraph 6) is as follows: Quartz malachite chrysocolla limonite chalcopyrite. Copper 23.4%. The length of the vein is approximately 1¼ miles, the width varying from 10 to 20 feet.

I trust this is the information that you desire, and I appreciate your cooperation in this matter.

Sincerely yours,

/s/ C. H. Ogee

CO/dah
Encls/

UNIVERSITY OF NEVADA

State Analytical
Mining Laboratory

Mr. Walter L. Low
Box 429, Winnemucca, Nevada

Number	Minerals or Rock	Ounces Per Ton Gold	Silver	Copper
Sample No. 1	Quartz malachite chrysocolla limonite chalcopyrite.	none	none	23.4
Sample No. 2		0.02	none	0.6
Sample No. 3	Quartz, feldspar, azurite, chrysocolla, limonite. Not radio-active.	Trace	1.00	11.1

Re. DMEA - 2283 Copper
Ogee Low
Winnemucca, Nev.

Note:

1- It is apparent that the applicants do not have sufficient mining experience to enable them to present the information on their claims in an acceptable manner.

2.- Their plan showing proposed trenching can not be based on actual knowledge of the trend of the mineralization as there does not appear to be any relationship between the strike of the various veins.

3.- They must be in error when they state in their letter of the 5th of Feb. that the elevation of both the claims and road juncture are at an average elevation of 2500 ft.

4- It appears that there is not sufficient data to warrant a Field Team examination of these claims.

Conclusion:

As applicants are unable to furnish the technical data needed by this agency, We believe that the Field Teams should be consulted to see if they have any additional data on the claims that might justify an examination.

Chief
D.S.G.

Feb. 25th. '52

Note:- Trees taken!

H. E. Nelson.

FILE COPY
SURNAME:

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

FILE COPY

JAN 29 1952

Mr. Walter L. Low
c/o Geo. A. Low
P. O. Box 243
Winnemucca, Nevada

Re: [illegible]-2243 (Copper)
Rainbow Mining Claims
Humboldt County, Nevada

Dear Mr. Low:

We have received your letter of January 17, 1952, with enclosures in quadruplicate, of form [illegible] and revised maps. Even with the receipt of these forms and maps, the data pertaining to your project are still so limited that we can make no decision as to the results of your proposed exploration program. To permit us to obtain a more comprehensive understanding of the project, please furnish us with more definite information concerning the following:

1. A complete breakdown of the estimated costs of the project, showing the amount that you calculate separately for each of the following:

   (a) Construction of 7.3 miles of access road.
   (b) Trenching mining claims.
   (c) Sampling and assaying.

As your original application, the estimated cost of the project was placed at $16,625.00 but in your letter of January 17, 1952, you refer to a development loan of $19,925.00. Please explain the discrepancy.

2. Feasibility of moving under its own power, a bulldozer to the property, without constructing the access road, thus permitting the trenching and sampling of the mineralized area of your claims at a greatly reduced cost.

3. Present means of traveling to the property and distance traveled by each type of transportation.

4. General description of the surface terrain, or topography, of the claims and the country through which the access road would be constructed, giving as well, the approximate elevation above sea level, of the area at the mine end of the road juncture.

DN

5. Assay certificates of the samples taken by Mr. [illegible] Low, giving if possible the width each sample represents and the kind of material sampled.

6. General description of the country-rock, type of vein and minerals in the veins. Give the known length and width of the vein or veins that should be trenched and sampled and their relationship to each other.

We shall be pleased to give your application further consideration after receiving the additional information.

Sincerely yours,

Ernest W. Ellis, Acting Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

HFKeller/jem
1-28-52
cc to: Adm. Reading File
Docket
1-29 J.D.
Messrs. Johnson, CH Rm. 3621
Nelson, Red Rm. 4216 G.A.
Ellis
Keller
Field Team, Reg. III (2)

January 17, 1952

Ernest William Ellis
Chief Rare & Miscellaneous Metals Division
Defense Menerals Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2283 (Copper)

Dear Mr. Ellis:

In accordance with your letter of January 4, 1952, we are resubmitting forms ME100 together with revised maps relative to our request for a development loan in the amount of $19,925.00. We have, to the best of our ability, endeavored to answer all questions where pertenant and to furnish the information needed on the enclosed plats.

We would greatly appreciate anything you could possibly do toward expediting consideration of this loan as we feel it necessary to get into operation as soon as weather permits.

Thanking you again for your consideration in this matter, we are,

Sincerely yours,

C H Ogre

Walter L. Low

700

FILE COPY
SURNAME:

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

AIR MAIL

JAN 4 1952

Mr. Walter L. Low
c/o Ogee & Low
P.O. Box 243
Winnemucca, Nevada

Re: Docket No. DMEA-2283 (Copper)

Dear Mr. Low:

In reviewing your application for a copper exploration contract under the above captioned docket number, we find the data is too meager from which to reach a decision as to the merit of your property. We are therefore enclosing a set of Forms MF-100 and request you submit same in quadruplicate. If a question does not apply so state. Also enclosed is a sample copy of the contract to be used as a guide for formulating your proposed expenditures. Please read the contract carefully. A press release is also enclosed.

You state "assays indicate copper values up to 23%". Where and how these samples were taken should be shown on a map submitted in quadruplicate. By whom were the samples taken? If you have any geological information kindly include same. Also show the location and need for the 7.3 miles of access road and the estimated cost thereof; state the estimated rock and earth yardage removal.

Also on the map give more detail on just where the trenching is to be done, depth of overburden and other pertinent data such as length of trenches etc.

When this information is received we will be glad to give your application additional consideration.

Sincerely yours,

S.H. 1-4-52

Ernest Wm. Ellis, Acting Chief
Rare & Misc. Metals Division

Enclosures

BL

EWEllis/jem 1-4-52

cc to: Adm. Reading File
Mails & Files Br.
Docket

Johnson, C.H. Rm. 3621
Nelson, Ned. Rm. 4216 G.S.
Ellis

Mr. Walter Lowe
c/o Ogee & Lowe
P.O. Box 243
Winnemucca, Nevada

Dear Mr. Lowe: Re: District No. OMEB-2283 (Copper)

In reviewing your application for a copper exploration contract under the above captioned district number, we find the data is too meager from which to reach a decision as to the merit of your property. We are therefore enclosing a set of Forms MF-100 and request you submit same in quadruplicate. If a question does not apply so state. Also enclosed is a sample copy of the contract to be used as a guide for formulating your proposed expenditures. Please read the contract carefully. A press release is also enclosed.

You state "assays indicate copper values up to 23%". Where and how ~~[illegible]~~ these samples were taken should be shown on a map submitted in quadruplicate. By whom were the samples taken? If you have any geological information kindly include same. Also show the location and need for the 7.3 miles of access road and the estimated cost thereof; state the estimated rock and earth yardage removal. ~~[illegible]~~.

Also on the map give more detail on

just where the trenching is to be done, depth of overburden and other pertinent data such as length of trenches etc.

When this ~~additional~~ information is received we will be glad to give your application additional consideration.

Sin. Yours

Enclosures

Ernest W. Ellis
Acting Chief.
Rural & Misc. Patents Div.

EWE/jcm

c.c. Adm. R.F.
M. & F. Br.
Doctor
Johnson, C.H. 3621
Nelson, Ned. 4216
Ellis

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

December 28, 1951

Memorandum

To: Rare and Miscellaneous Metals Division, DMEA, Room 4070

From: C. H. Johnson, Bureau of Mines

Subject: DMEA 2283, Ogee and Low, Rainbow Group, Humboldt County, Nevada (Copper)

After reviewing this application my recommendation is to ask the applicant for further information as his description of the project is too incomplete to merit referral to a field team.

His only statement about the strength of the copper showings is "assays indicate copper values up to 23%." This should be supported by a more complete statement, with sketches if possible, showing exactly where and what kind if samples were taken, by whom, length, etc., with copies of assay certificates.

The application and the attached map give no indication whatever of the nature of the deposit - what the country rock is, the character of the mineralization, or what is exposed in the existing cuts.

The applicant's description of the proposed work is wholly inadequate, merely some large areas circled on the claim map and the phrase, "open-cut work." He should state the footages of trenching or other work to be done and show the layout on the map and explain or give reasons therefor. If trenching is part of the proposal he should state the character and depth of overburden.

He should be asked to explain the necessity for seven and one-half miles of access road, showing the location of the proposed roadwork on the map, and estimate the footages of rock and earth work. The cost of this should be estimated separately from the exploratory work.

It would do no harm to have a little more specific information regarding the mining experience of the applicant and of the proposed superintendent.

Following is a note Mr. Nelson sent on this application: "Since there is no supporting evidence herewith, this application deserves only short shrift unless there is reason for thinking the applicants are just lacking in the know how of making an application."

The Bureau of Mines has no report on this copper prospect, although it has one on a copper prospect on the opposite side of the Jackson Mountains, a few miles to the west.

C. H. Johnson

C. H. Johnson

Copy to Base Metals Branch
Minerals Division
Mr. Nelson, Room 4216, U.S.G.S
Files

EXPLORATION

Subject: DMEA-2283
Re: Exploration Loan
Rainbow Lode

Mr. Walter L. Low, Partner
Ogee & Bow
P. O. Box 243
Winnemucca, Nevada

My dear Mr. Low:

This will acknowledge receipt of your application dated November 19, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2283 and referred to the Rare & Miscellaneous Metals Division.

Kindly refer to DMEA-2283 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams, C
Acting Administrative Officer

7862

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-2283
Metal or Mineral Copper
Date Received 12-12-51
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1951

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

Name and address of applicant

Date November 19, 1951

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

DMA Docket Number (if available) _____

INSTRUCTIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

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

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

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

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

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

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

CERTIFICATION

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

Walter L. Low

Ogee & Low Partnership
(Name of company)

By C. H. Ogee
(Signature of authorized official)

November 19, 1951
(Date)

Partners
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

- 1 -

(a) Rainbow group of Ten claims situated on the east slope of the Jackson Range, in Humboldt County, State of Nevada, and located in unsurveyed territory in Township 39 North, Range 32 East Mount Diablo Base and Meridian.

(b) Applicants are owners of property.

(c) Same as (a) above and construction of 7.3 miles of access road.

- 2 -

(a) Copper.

(b) Deceminated ore beds, showing copper croppings and weathered zones indicating secondary sulphide enrichment, (see No. 4 for sketch). Assays indicate copper values up to 23%.

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

The nearest shipping point is Jungo, Nevada, on Western Pacific Railroad. Trucking distance of 30 miles, 25 miles of which is graveled county road.

Mr. Ogee has been connected with mining operations for over fifteen years, with experience in open pit mining and some underground. He is a half owner of a gold property in Humboldt County, which produced over $60,000.00.

Mr. Low has been mining in Nevada for 17½ years, operating various properties mostly for himself.

Ogee & Low
P. O. Box 243
Winnemucca, Nevada.

9.

(a) Construction of access road, is required in order to place machinery and supplies on the property, which will require grading of 7.3 miles; Open Cut work; open cut work in preparation for diamond drilling; asaaying. Total cost will be $16,525.00.

(b) Work can be started immediately and will take approximately 90 days to complete.

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

None

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

None

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

(c)

Shovel 3/4 yard	$780.00
Cat and Dozer D7	2,370.00
Compressor 365 c.f.p.m	1,215.00
Wagon Drill	325.00
Drill Steel	600.00
Pickup Truck	225.00
2 Ton Truck	800.00
Total	$6,315.00

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

1 Cat operator at $2.00 per hour for 90 days	$1,440.00
2 Laborers at $1.50 per hour for 90 days	2,160.00
1 Wagon Driller operator at $2.00 per Hr.,90 day	1,440.00
1 Shovel operator at $2.25 per hour for 30 days	540.00
1 Superintendant for 90 days	1,500.00
	7,080.00

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

Assaying	$ 250.00
Powder, fuse and caps	500.00
Fuel and Oil	1,900.00
Drill bits	480.00
	$ 3,130.00

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

(a) 50%

(b) Yes

Ogee & Low
P. O. Box 243
Winnemucca, Nevada.

The nearest shipping point is Jungo, Nevada, on Western Pacific Railroad. Trucking distance of 30 miles, 25 miles of which is graveled county road.

Mr. Ogee has been connected with mining operations for over fifteen years, with experience in open pit mining and some underground. He is a half owner of a gold property in Humboldt County, which produced over $60,000.00.

Mr. Low has been mining in Nevada for 17½ years, operating various properties mostly for himself.

Ogee & Low
P. O. Box 243
Winnemucca, Nevada.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dmea-2283

Date received 1/24/52

Charles Ogee
Walter Low
Winnemucca, Nevada

Name and address of applicant

Date January 17, 1952

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

1. Materials produced:

   (a) copper ore

   (b) gold and silver

Charles Ogee
Walter Low
Winnemucca, Nevada

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

Newly discovered ground

(a) none
(b) none
(c) 25 feet
(d) Linear feet of trenches on various places on claims, a total of approximately 100 feet

The mine is not flooded.

Charles Ogee
Walter Low
Winnemucca, Nevada

3. For each operation listed above supply the following:

(a) 30 miles from Jungo, Nevada, on the Western Pacific Railroad.

(b) Bottle Creek Mining District

(c) Section unknown, township 39 North, range 32 East, M. D. B. & M.

(d) Humboldt County, Nevada

Charles Ogoe
Walter Low
Winnemucca, Nevada

4. (a) property is not now in operation

(b) owner

Charles Ogee
Walter Low
Winnemucca, Nevada

5. number of years in production None

Will start production in spring of 1952.

Charles Ogden
Walker Lane
Winnemucca, Nevada

6. Experience of operators:

(a) Applicant, Charles Ogee has been a contractor of heavy equipment for over forty years. During much of that period of time he has been actively engaged in moving ore, particularly at Getchell Mine, Humboldt, County, Nevada for over 14 years. He is part owner of the Ogee-Pinson Mining Claims in that area. Mr. Ogee has had experience in open pit as well as under ground mining. Applicant Walter Low has been actively engaged in prospecting and mining for 17 years. Both applicants will personally supervise the operation of the project.

Charles Ogee
Walter Low
Winnemucca, Nevada

7. History:

(a) none

(b) The mining claims represent new ground. The closest operating mine is approximately four miles distant to the West, which is also a copper property where a number of car loads were shipped during World War II.

(c) Mining examinations so far consisted of sampling, which samples appear upon the maps submitted with the application.

Charles Ogee
Walter Low
Winnemucca, Nevada

11. The mining claims are in a prospect status. No estimate can be given at this time.

Charles Ogoe
Walter Low
Winnemucca, Nevada

12. Ore or Mineral Reserves:

(a) There is a copper belt running through the claims in a generally easterly-westerly direction. The size is not known at this time, and will not be known until development work takes place. Surface showings are of considerable extent over the entire surface of the group of claims.

(b) - (1) see attached plats

(2) unknown

Charles Ogee
Walter Low
Winnemucca, Nevada

13. Access Roads:

A graveled surface County road runs within seven miles of these properties leading to Jungo, Nevada, the point of shipment. This is an all weather road.

Charles Ogden
Walter Lee
Winnemucca, Nevada

14. Water Supply:

Adequate water for all type of operation, from springs and mountain streams near claims.

Charles Ogee
Walter Low
Winnemucca, Nevada

35. [illegible]

Reno

Charles Ogee
Walter Low
Winnemucca, Nevada

16: Labor:

None

Charles Ogee
Walter Low
Winnemucca, Nevada

17. Equipment and Facilities:

Shovel - 3/4 yard capacity
1- D7 caterpillar and dozer
Wagon drills
jackhammers
small tools for mining equipment
7 trucks

Charles Ogee
Walter Low
Winnemucca, Nevada

Form MF-100
(May 1951)

U[redacted] DEPARTMENT OF THE INTER[redacted]
DEFENSE MINERALS ADMINISTRATION

Form appro[redacted]
Budget Bureau[redacted]

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dmea - 2283

Date received 1/24/52

Charles Ogee
Walter Low
Winnemucca, Nevada

Name and address of applicant

Date January 17, 1952

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Not a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: None

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the ore reserves.

(*b*) If deposit is other than pla

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

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

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

(Name of company)

By C H Ogu
(Signature of authorized official)
Walter R. Low

January 17, 1952
(Date)

OWNERS
(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.

1. Materials produced:

   (a) copper ore

   (b) gold and silver

Charles Ogee
Walter Low
Winnemucca, Nevada

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

Newly discovered ground

(a) none
(b) none
(c) 25 feet
(d) Linear feet of trenches on various places on claims, a total of approximately 100 feet

The mine is not flooded.

Charles Ogee
Walter Low
Winnemucca, Nevada

3. For each operation listed above supply the following:

(a) 30 miles from Jungo, Nevada, on the Western Pacific Railroad.

(b) Bottle Creek Mining District

(c) Section unknown, township 39 North, range 32 East, M. D. B. & M.

(d) Humboldt County, Nevada

Charles Ogee
Walter Low
Winnemucca, Nevada

4. (a) property is not now in operation

(b) owner

Charles Ogoe
Walter Law
Winnemucca, Nevada

5. number of years in production None

Will start production in spring of 1952.

Charles Gow
Walter Lau
Vancouver, Canada

6. Experience of operators:

(a) Applicant, Charles Ogee has been a contractor of heavy equipment for over forty years. During much of that period of time he has been actively engaged in moving ore, particularly at Getchell Mine, Humboldt, County, Nevada for over 14 years. He is part owner of the Ogee-Pinson Mining Claims in that area. Mr. Ogee has had experience in open pit as well as under ground mining. Applicant Walter Low has been actively engaged in prospecting and mining for 17 years. Both applicants will personally supervise the operation of the project.

Charles Ogee
Walter Low
Winnemucca, Nevada

7. History:

(a) none

(b) The mining claims represent new ground. The closest operating mine is approximately four miles distant to the West, which is also a copper property where a number of car loads were shipped during World War II.

(c) Mining examinations so far consisted of sampling, which samples appear upon the maps submitted with the application.

Charles Ogee
Walter Low
Winnemucca, Nevada

11. The mining claims are in a prospect status. No estimate can be given at this time.

Charles Ogee
Walter Low
Winnemucca, Nevada

12. Ore or Mineral Reserves:

(a) There is a copper belt running through the claims in a generally easterly-westerly direction. The size is not known at this time, and will not be known until development work takes place. Surface showings are of considerable extent over the entire surface of the group of claims.

(b) - (1) see attached plats

(2) unknown

Charles Ogeo
Walter Low
Winnemucca, Nevada

13. Access Roads:

A graveled surface County road runs within seven miles of these properties leading to Jungo, Nevada, the point of shipment. This is an all weather road.

Charles Geo
Walker Inc
Winnemucca, Nevada

14. Water Supply:

Adequate water for all type of operation, from springs and mountain streams near claims.

Charles Ogee
Walter Low
Winnemucca, Nevada

15. Power:

None

Charles Ogee
Walter Low
Winnemucca, Nevada

16: Labor:

None

Charles Ogee
Walter Low
Winnemucca, Nevada

17. Equipment and Facilities:

Shovel - 3/4 yard capacity
1- D7 caterpillar and dozer
Wagon drills
jackhammers
small tools for mining equipment
7 trucks

Charles Ogoo
Walter Lee
Winnemucca, Nevada

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmea-2283

Date received 1/24/52

Charles Ogee
Walter Low
Winnemucca, Nevada

Name and address of applicant

Date January 17, 1952

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

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Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Not a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: None

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. 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.

(*b*) If deposit is other than place

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

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

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

(Name of company)

By C. P. Ogden Walter R. Low
(Signature of authorized official)

January 17, 1952
(Date)

OWNERS
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

1. Materials produced:

   (a) copper ore

   (b) gold and silver

Charles Ogee
Walter Low
Winnemucca, Nevada

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

Newly discovered ground

(a) none
(b) none
(c) 25 feet
(d) Linear feet of trenches on various places on claims, a total of approximately 100 feet

The mine is not flooded.

Charles Ogee
Walter Low
Winnemucca, Nevada

3. For each operation listed above supply the following:

(a) 30 miles from Jungo, Nevada, on the Western Pacific Railroad.

(b) Bottle Creek Mining District

(c) Section unknown, township 39 North, range 32 East, M. D. B. & M.

(d) Humboldt County, Nevada

Charles Ogee
Walter Lew
Winnemucca, Nevada

4. (a) property is not now in operation

(b) owner

Charles Ogeo
Walter Lee
Winnemucca, Nevada

5. number of years in production None

Will start production in spring of 1952.

Charles Ogle
Walter Lee
Vienna, Ohio

6. Experience of operators:

(a) Applicant, Charles Ogee has been a contractor of heavy equipment for over forty years. During much of that period of time he has been actively engaged in moving ore, particularly at Getchell Mine, Humboldt, County, Nevada for over 14 years. He is part owner of the Ogee-Pinson Mining Claims in that area. Mr. Ogee has had experience in open pit as well as under ground mining. Applicant Walter Low has been actively engaged in prospecting and mining for 17 years. Both applicants will personally supervise the operation of the project.

Charles Ogee
Walter Low
Winnemucca, Nevada

7. History:

(a) none

(b) The mining claims represent new ground. The closest operating mine is approximately four miles distant to the West, which is also a copper property where a number of car loads were shipped during World War II.

(c) Mining examinations so far consisted of sampling, which samples appear upon the maps submitted with the application.

Charles Ogee
Walter Low
Winnemucca, Nevada

11. The mining claims are in a prospect status. No estimate can be given at this time.

Charles Ogee
Walter Low
Winnemucca, Nevada

12. Ore or Mineral Reserves:

(a) There is a copper belt running through the claims in a generally easterly-westerly direction. The size is not known at this time, and will not be known until development work takes place. Surface showings are of considerable extent over the entire surface of the group of claims.

(b) - (1) see attached plats

(2) unknown

Charles Ogeo
Walter Low
Winnemucca, Nevada

13. Access Roads:

A graveled surface County road runs within seven miles of these properties leading to Jungo, Nevada, the point of shipment. This is an all weather road.

Charles Geo
Valley Zew
Winnemucca, Nevada

14. Water Supply:

Adequate water for all type of operation, from springs and mountain streams near claims.

Charles Ogee
Walter Low
Winnemucca, Nevada

15. Power:

None

Charles Ogee
Walter Low
Winnemucca, Nevada

16: Labor:

None

Charles Ogee
Walter Low
Winnemucca, Nevada

17. Equipment and Facilities:

Shovel - 3/4 yard capacity
1- D7 caterpillar and dozer
Wagon drills
jackhammers
small tools for mining equipment
7 trucks

Charles Ogee
Walker Lou
Winnemucca, Nevada

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dmea - 2283

Date received 1/24/52

Charles Ogee
Walter Low
Winnemucca, Nevada

Name and address of applicant

Date January 17, 1952

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation. Not a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: None

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. 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.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

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

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

C/o Ogden

By Walter L. Lowe
(Signature of authorized official)

(Name of company)

January 17, 1952
(Date)

OWNERS
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

1. Materials produced

(a) copper ore

(b) gold and silver

Charles Ogee
Walter Low
Winnemucca, Nevada

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

Newly discovered ground

(a) none
(b) none
(c) 25 feet
(d) Linear feet of trenches on various places on claim, a total of approximately 100 feet

The mine is not flooded.

Charles Ogee
Walter Low
Winnemucca, Nevada

3. For each operation listed above supply the following:

(a) 30 miles from Sage, Nevada, on the Western Pacific Railroad.

(b) Rattle Creek Mining District

(c) Section unknown, township 39 North, range 32 East, M. D. B. & M.

(d) Humboldt County, Nevada

Charles Ogee
Walter Low
Winnemucca, Nevada

b. (a) property is not now in operation

(b) owner

Charles Ogoo
Walter Ker
Vancouver, Canada

5. number of years in production [illegible]

Will start production in spring of 1982.

Charles [illegible]
Walter [illegible]
Winnemucca, Nevada

6. Experience of operators:

(a) Applicant, Charles Ogee has been a contractor of heavy equipment for over forty years. During each of that period of time he has been actively engaged in mining ore, particularly at Getchell Mine, Humboldt, County, Nevada for over 15 years. He is part owner of the Ogee-Pinson Mining Claims in that area. Mr. Ogee has had experience in open pit as well as under ground mining. Applicant Walter Low has been actively engaged in prospecting and mining for 17 years. Both applicants will personally supervise the operation of the project.

Charles Ogee
Walter Low
Winnemucca, Nevada

7. History:

(a) none

(b) The mining claims represent new ground. The closest operating mine is approximately four miles distant to the west, which is also a copper property where a number of car loads were shipped during World War II.

(c) Make conclusions as to nature of mineral, which might appear upon the maps submitted with the application.

Charles Ogee
Walter Low
Winnemucca, Nevada

11. The claim claims are in a prospect status. No assessments can be given at this time.

Charles Ogee
Walter Law
Winnemucca, Nevada

14. Ore or Mineral Reserves.

(a) There is a copper lode running through the claims in a generally northerly-southerly direction. It is not known at this time, and will not be known until development work takes place. Surface showings are of considerable extent over the entire surface of the group of claims.

(b) - (1) see attached plans

(2) unknown

Charles Ogoe
Peter Lu
Vancouver, Canada

13. Access Roads

A parcel carried County road runs within seven miles of these properties leading to Jesup, Georgia, the point of shipment. This is an all weather road.

Charles Ogeo
Keller Ky
Wilmington, Georgia

b. Water Supply:

Adequate water for all type of operation, from springs and mountain streams near claims.

Charles Ogee
Walter Low
Winnemucca, Nevada

15. Power:

None

Charles Ogee
Walter Low
Winnemucca, Nevada

26. Lahars

None

Charles Ogoe
Walter Low
Winnemucca, Nevada

17. Equipment and Facilities

Shovel - 3/4 yard capacity
1- D7 caterpillar cut dozer
Legal drills
Jackhammers
Small tools for mining equipment
7 trucks

Charles Ogoe
Valley Law
Winnemucca, Nevada

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-2283
Metal or Mineral
Date Received 12-12-51
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1951

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

Name and address of applicant

Date November 19, 1951

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

DMA Docket Number (if available) _____

INSTRUCTIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

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

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

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

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

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

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

CERTIFICATION

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

Walter L. Low

Ogee & Low Partnership
(Name of company)

By C H Ogee
(Signature of authorized official)

November 19, 1951
(Date)

Partners
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

- 1 -

(a) Rainbow group of Ten claims situated on the east slope of the Jackson Range, in Humboldt County, State of Nevada, and located in unsurveyed territory in Township 39 North, Range 32 East Mount Diablo Base and Meridian.

(b) Applicants are owners of property.

(c) Same as (a) above and construction of 7.3 miles of access road.

- 2 -

(a) Copper.

(b) Decominated ore beds, showing copper croppings and weathered zones indicating secondary sulphide enrichment, (see No. 4 for sketch). Assays indicate copper values up to 23%.

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

3x

(a) Construction of access road, is required in order to place machinery and supplies on the property, which will require grading of 7.3 miles; Open Cut work; open cut work in preparation for diamond drilling; assaying. Total cost will be $16,525.00.

(b) Work can be started immediately and will take approximately 90 days to complete.

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

None

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

None

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

(c)

Shovel 3/4 yard	$780.00	30 days @ 20/day
Cat and Dozer D7	2,370.00	90 days — 26/day
Compressor 365 c.f.p.m	1,215.00	90 @ 13.50/day
Wagon Drill	325.00	90 @ 3.50/day
Drill Steel	600.00	
Pickup Truck	225.00	90 @ 2.00/day
2 Ton Truck	800.00	90 @ [illegible]/day
Total	$6,315.00	

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

1 Cat operator at $2.00 per hour for 90 days	$1,440.00
2 Laborers at $1.50 per hour for 90 days	2,160.00
1 Wagon Driller operator at $2.00 per Hr.,90 day	1,440.00
1 Shovel operator at $2.25 per hour for 30 days	540.00
1 Superintendent for 90 days	1,500.00
	7,080.00

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

Assaying	$ 250.00
Powder, fuse and caps	500.00
Fuel and Oil	1,900.00
Drill bits	480.00
	$ 3,130.00

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

(a) 50%

(b) Yes

Ogee & Low
P. O. Box 243
Winnemucca, Nevada.

The nearest shipping point is Jungo, Nevada, on Western Pacific Railroad. Trucking distance of 30 miles, 25 miles of which is graveled county road.

Mr. Ogee has been connected with mining operations for over fifteen years, with experience in open pit mining and some underground. He is a half owner of a gold property in Humboldt County, which produced over $60,000.00.

Mr. Low has been mining in Nevada for 17½ years, operating various properties mostly for himself.

Ogee & Low
P. O. Box 243
Winnemucca, Nevada.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-2283
Metal or Mineral Copper
Date Received 12-12-51
Amount $ 16,525
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1951

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

Name and address of applicant

Date November 19, 1951

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

DMA Docket Number (if available) _____

INSTRUCTIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

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

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

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

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

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

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

CERTIFICATION

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

Walter L. Low

Ogee & Low Partnership
(Name of company)

By C H Ogee
(Signature of authorized official)

November 19, 1951
(Date)

Partners
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2.

- 1 -

(a) Rainbow group of Ten claims situated on the east slope of the Jackson Range, in Humboldt County, State of Nevada, and located in unsurveyed territory in Township 39 North, Range 32 East Mount Diablo Base and Meridian.

(b) Applicants are owners of property.

(c) Same as (a) above and construction of 7.3 miles of access road.

- 2 -

(a) Copper.

(b) Deceminated ore beds, showing copper croppings and weathered zones indicating secondary sulphide enrichment, (see No. 4 for sketch). Assays indicate copper values up to 23%.

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

9x

(a) Construction of access road, is required in order to place machinery and supplies on the property, which will require grading of 7.3 miles; Open Cut work; open cut work in preparation for diamond drilling; assaying. Total cost will be $16,525.00.

(b) Work can be started immediately and will take approximately 90 days to complete.

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

None

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

None

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

(c)

Shovel 3/4 yard	$780.00
Cat and Dozer D7	2,370.00
Compressor 365 c.f.p.m	1,215.00
Wagon Drill	325.00
Drill Steel	600.00
Pickup Truck	225.00
2 Ton Truck	800.00
Total	$6,315.00

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

1 Cat operator at $2.00 per hour for 90 days	$1,440.00
2 Laborers at $1.50 per hour for 90 days	2,160.00
1 Wagon Driller operator at $2.00 per Hr.,90 day	1,440.00
1 Shovel operator at $2.25 per hour for 30 days	540.00
1 Superintendant for 90 days	1,500.00
	7,080.00

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

Assaying	$ 250.00
Powder, fuse and caps	500.00
Fuel and Oil	1,900.00
Drill bits	480.00
	$ 3,130.00

Ogee & Low
P. O. Box 243
Winnemucca, Nevada

(a) 50%

(b) Yes

Ogee & Low
P. O. Box 243
Winnemucca, Nevada.

The nearest shipping point is Jungo, Nevada, on Western Pacific Railroad. Trucking distance of 30 miles, 25 miles of which is graveled county road.

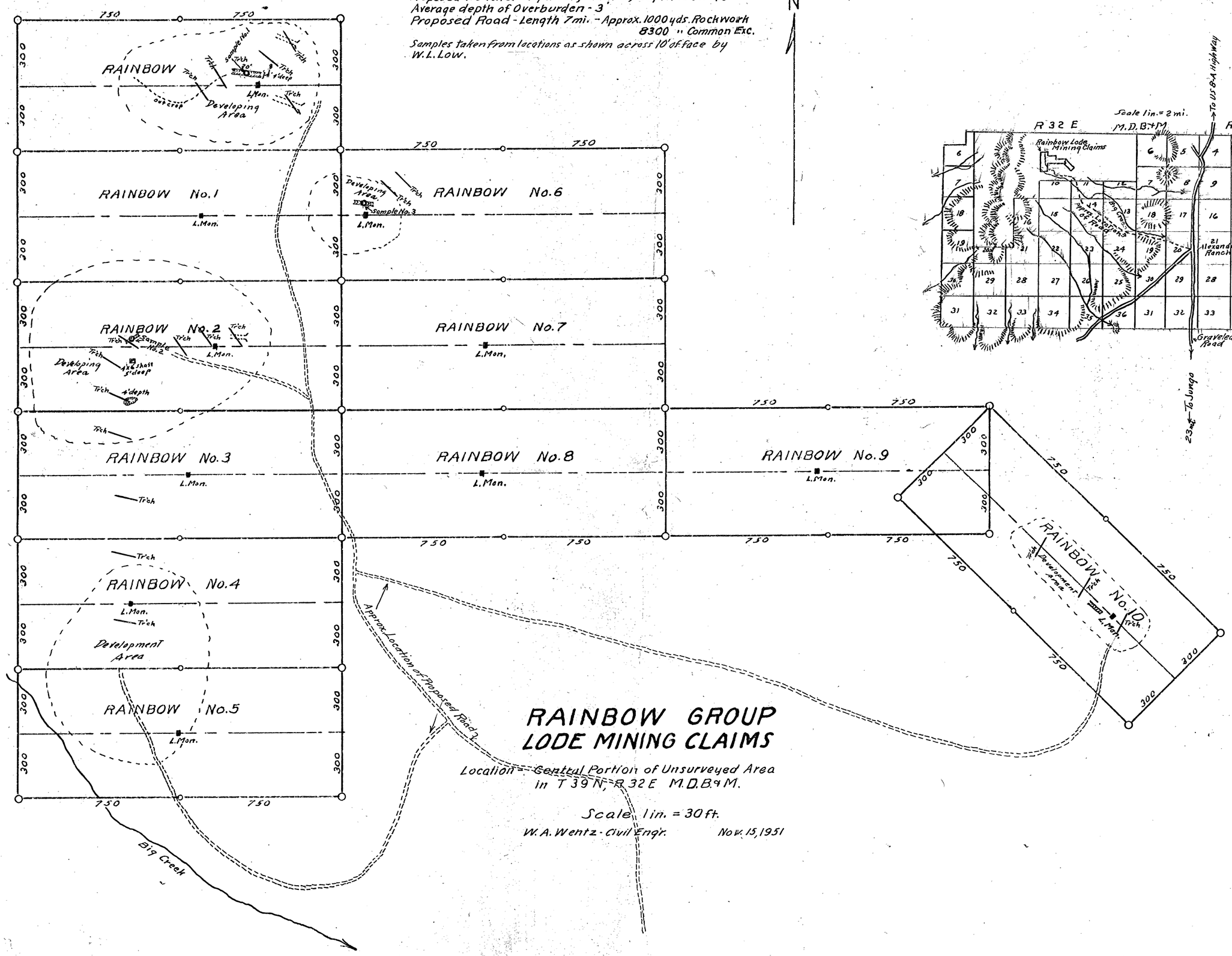
Mr. Ogee has been connected with mining operations for over fifteen years, with experience in open pit mining and some underground. He is a half owner of a gold property in Humboldt County, which produced over $60,000.00.

Mr. Low has been mining in Nevada for 17½ years, operating various properties mostly for himself.

Ogee & Low
P. O. Box 243
Winnemucca, Nevada.

Proposed Trenches - L'gth 100', Width 6', Depth 10' (average)
Average depth of Overburden - 3'
Proposed Road - Length 7 mi. - Approx. 1000 yds. Rockwork
8300 " Common Exc.

Samples taken from locations as shown across 10' of face by W.L. Low.



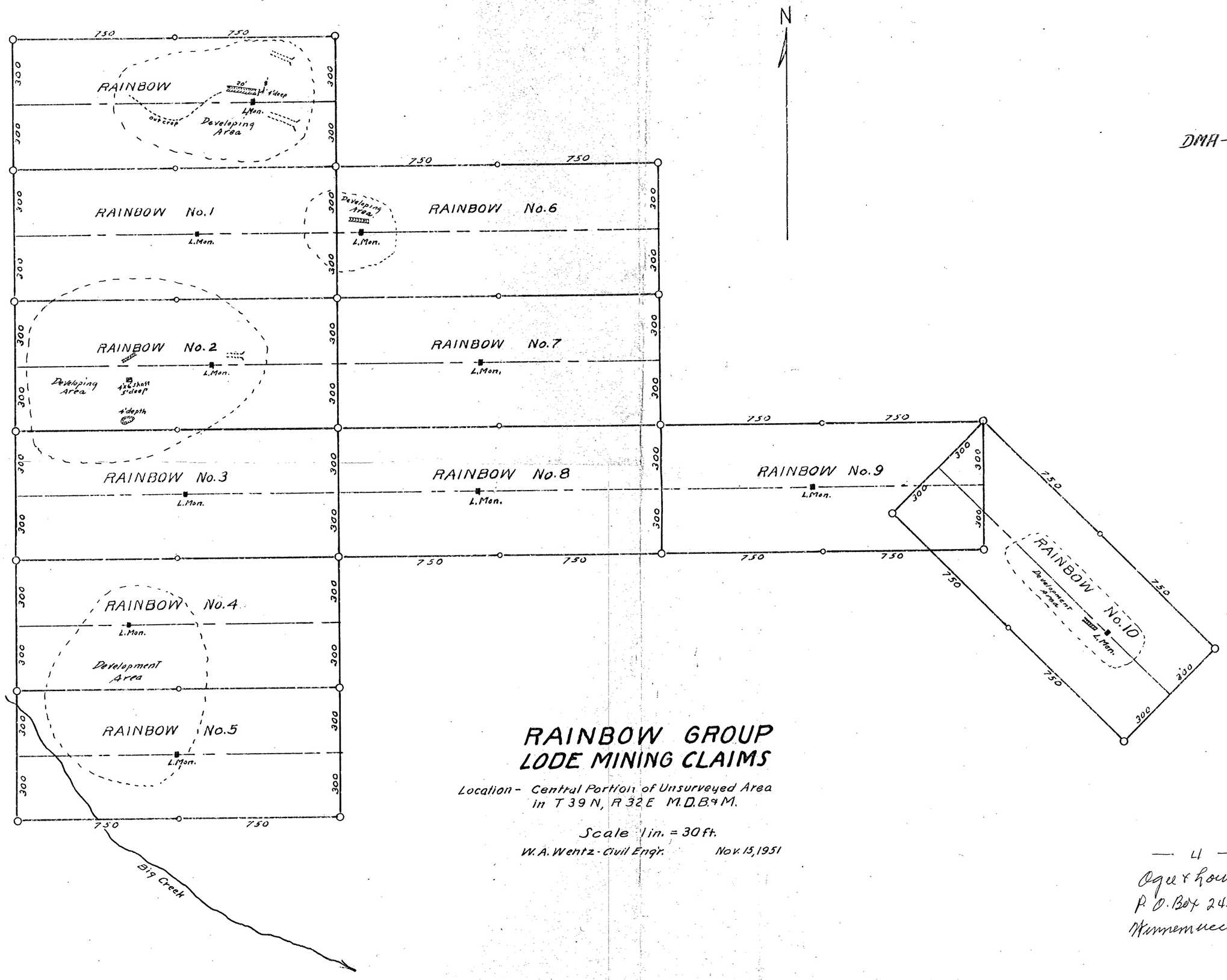
RAINBOW GROUP LODE MINING CLAIMS

Location - Central Portion of Unsurveyed Area in T 39 N, R 32 E M.D.B.&M.

Scale 1 in. = 30 ft.

W. A. Wentz - Civil Engr. Nov. 15, 1951

DMA-2283



RAINBOW GROUP
LODE MINING CLAIMS

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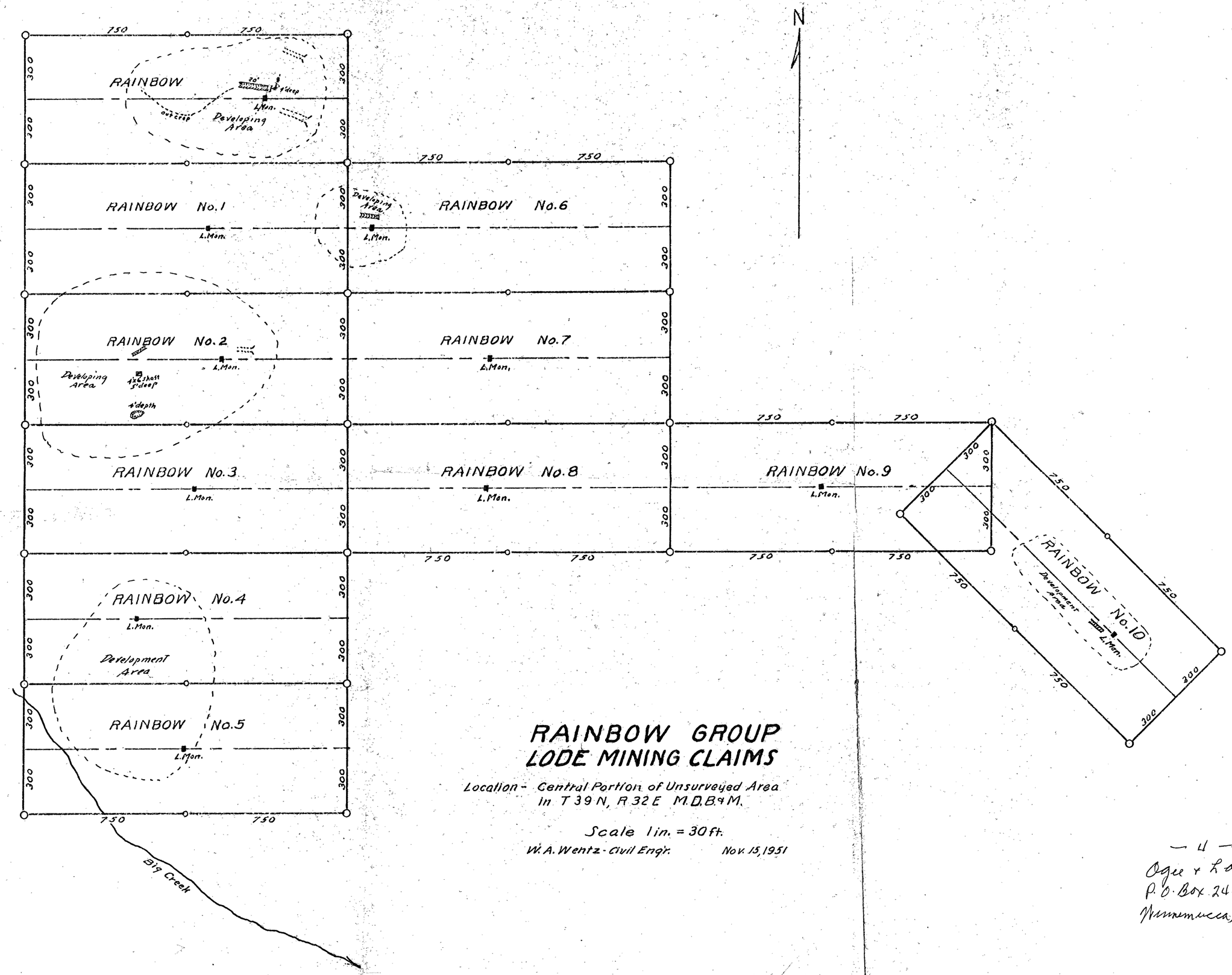
W. A. Wentz - Civil Engr. Nov. 15, 1951

— 4 —

Ogle & Row
P. O. Box 243
Winnemucca, Nevada



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— 4 —

Ogee & Law
P.O. Box 243
Winnemucca, Nevada

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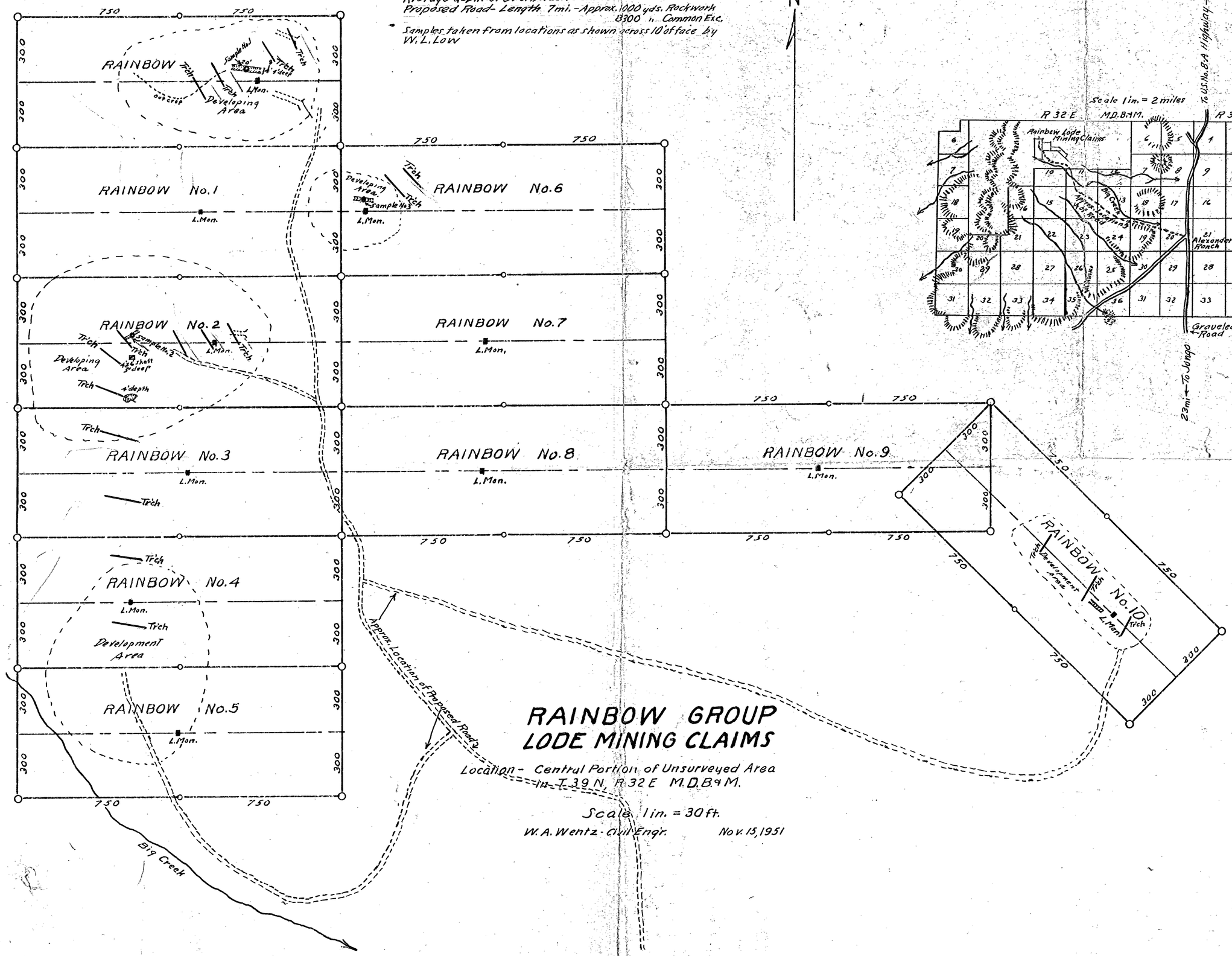

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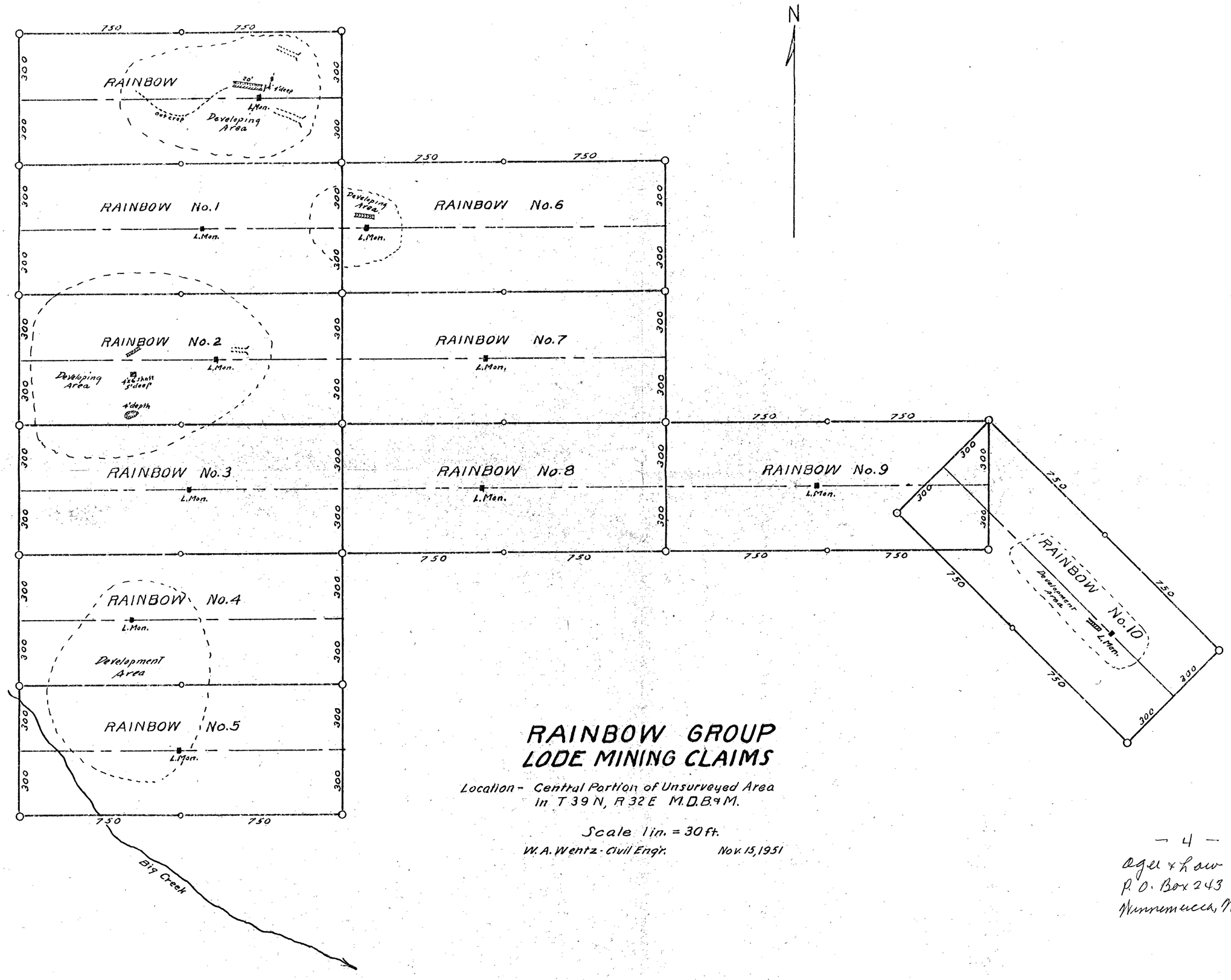

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— 4 —

Agee & Law
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