DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3005

DO NOT DETACH THIS SLIP

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

This document has been recorded as

Exploration Assistance

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.

Copies to USGS, USBM and Region III.

Routing Slip

To:	Code 700 - Rm. 4640	Date	4/28/53
To:	Open Com	Date	5-20-53
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CONTROLLED DOCUMENT

FILE COPY
SURNAME:

Docker
Schmidt
Ellis
Hedges
Rinkel
Hunter
Hightman

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

Mr. Russell T. Miller
P. O. Box 1206
Reno, Nevada

MAY 21 1953

Re: Docket DMA-3005
(Copper, lead, zinc, tungsten)
Aladdin Mines,
Elko County, Nevada

Dear Mr. Miller:

The subject application dated April 15, 1953, for exploration aid has been received. We also acknowledge receipt of your accompanying letter dated April 20th, in which you state that "nearly all the data requested in the application has already been submitted to you". This is correct and we fail to find any information in this new application that is not already in the files as a result of three previous applications to either Defense Materials Procurement Agency or Defense Minerals Exploration Administration.

The report entitled "DMES Project 83" is a compilation of data previously received from one source or another, concerning this property.

In the denial letter dated September 15, 1952, of application DMEA 2531 it was stated "if additional work on your property reveals information which makes the project feasible, an application may be submitted for consideration." By this it was meant that should you in the future do any underground work which revealed geological information that indicated a feasible project could be outlined, a new application would be considered.

Accordingly, since no new information has been received which would tend to justify the project, we regret to inform you that your application must be denied.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

~~Stuart~~/FSSchmidt/EWEllis/db
5-18-53
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. C.H.Johnson, Rm. 3621
A.R.Kinkel, Rm. B-242A
Ellis
Schmidt
DMEA FT. REGION III (2)

F.N.
5-21-53

Previous appropriations

			$
DMEQ	872	3/7/51	415,000
DMEQ	2531	1/29/52	150,000
"	2531 Deficiency	3/15/52	106,000
"	3005	4/17/53	63,375

5/14/53 gla.

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

May 13, 1953

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-3005, (Copper); Russell T. Miller, Aladdin Mine, Elko County, Nevada

I have reviewed the report entitled, "NWES Project 83" submitted in support of the above-named exploration application. This report appears to be a compilation of material submitted in support of prior applications for assistance in connection with these properties. I do not see that anything of importance has been added to the information previously made available and consequently cannot see that the negative decision reached in connection with application DMEA-2531 is subject to change.

The docket is returned herewith.

C. H. Johnson

C. H. Johnson

Attachment

Copy to - Mr. Kinkel - USGS
Minerals Division
C. H. Johnson
Files

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

May 13, 1953

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-3005, (Copper); Russell T. Miller, Aladdin Mine, White County, Nevada

I have reviewed the report entitled, "BMEX Project 83" submitted in support of the above-named exploration application. This report appears to be a compilation of material submitted in support of prior applications for assistance in connection with these properties. I do not see that anything of importance has been added to the information previously made available and consequently cannot see that the negative decision reached in connection with application DMEA-2531 is subject to change.

The docket is returned herewith.

C. H. Johnson

C. H. Johnson

Attachment

CHJohnson:ks

Copy to - Mr. Kinkel - USGS
Minerals Division
C. H. Johnson
Files

5/11/53 gla

IN REPLY REFER TO:

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

May 11, 1953

Memorandum

Re: Docket DMEA-3005
Aladdin mines, Elko County, Nevada
Total cost: $63,375
Copper-lead-zinc-tungsten

To: Mr. E. Wm. Ellis

From: Erwin J. Lyons

Subject: Recommended for denial

The applicant, Russell T. Miller, proposes the following exploration project on his property in the Bullion mining district, Elko County, Nevada.

(1) Extension of the Davis tunnel a distance of 800 feet westwardly to investigate the downward extension of the higher level ore bodies.

(2) If no ore is encountered in the tunnel extension, 3 diamond drill holes, each 400 feet, should be driven "each perpendicular to the tunnel extension."

(3) Geophysical and geochemical examination of the property.

The above was recommended by the New World Exploration, Research, and Development Corporation who made a geological examination of the property and whose report , NWES Project 83, is part of the application.

With the exception of item 3 above, the project is the same as that proposed in a previous docket, DMEA-2531, Revised, which was submitted by Lead and Copper Mines, Inc., the previous owner or lessee who originally engaged New World Exploration, Research, and Development Corporation. This application was denied on the basis that the probability of disclosing minable reserves by the proposed exploration was not considered sufficiently promising to justify Government participation.

The report, NWES Project 83, which accompanies the present docket adds nothing to what is already known. The geologic basis given for the proposed exploration is that the ore bodies are controlled by the intersection of two quartz porphyry dikes, the intersection pitching steeply to the southwest. The ore bodies, following this same

pitch, supposedly would intersect the Davis tunnel level about 800 feet west of the present face.

No evidence was given for the above interpretation. A geologic map which accompanied a previous application on this property fails to show such an intersection of dikes and differs in several other respects from the map accompanying the NWES Project 83 report. The latter, in the opinion of the present reviewer, is much too general and in no way justifies the work requested.

In view of the fact that there has been no additional physical work done which would add to the geologic picture, or no new information submitted, it is recommended that the application be denied. A smaller project, such as suggested by C. H. Johnson in his memorandum of September 3, 1952 to E. W. Ellis, might be considered if the applicant were willing.

Erwin J. Lyons

Erwin J. Lyons
Geologist

IN REPLY REFER TO:

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

May 11, 1953

Memorandum

Re: Docket EMEA-3005
Aladen mines, Elko County, Nevada
Total cost: $63,375
Copper-lead-zinc-tungsten

To: Mr. L. Wm. Ellis

From: Erwin J. Lyons

Subject: Recommended for denial

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Erwin J. Lyons
Geologist

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

April 30, 1953

Memorandum

To: Mr. A. R. Kinkel, Jr.,
U. S. Geological Survey

Mr. C. H. Johnson,
U. S. Bureau of Mines

From: Ernest Wm. Ellis, Chief,
Rare and Misc. Metals Division

Subject: Docket No. DMEA-3005, Russell T. Miller
(formerly Lead & Copper Mines, Inc., DMEA-2531)

We are forwarding herewith the docket on DMEA-2531 together with a volume entitled NWES Project 83 which is all the information we have pertaining to the new application (DMEA-3005) filed under the name of Russell T. Miller.

Applicant proposes to do the same exploration as that proposed under the former docket (DMEA-2531) which was denied by letter dated September 15, 1952. Other than to present on March 10, 1953, volume NWES Project 83 through Senator Malone's office and another volume of said report through Representative Young's office on March 10, 1953, and this new application, Applicant has presented no evidence of having done any work at the property.

You will note that the new application refers to pages 43 to 51, inclusive, in volume NWES Project 83 as being the work proposed which, as stated previously, is the same as previously denied.

Since there is only one file, it and the report (Project 83) are being sent first to Mr. Kinkel with the request that same be forwarded to Mr. Johnson when Mr. Kinkel's findings and recommendation are completed.

Ernest Wm. Ellis

Ernest Wm. Ellis

cc to: Mr. C. H. Johnson

FILE COPY
SURNAME:

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

April 30, 1953

Memorandum

To: Mr. A. R. Kinkel, Jr.,
U. S. Geological Survey

Mr. C. H. Johnson,
U. S. Bureau of Mines

From: Ernest Wm. Ellis, Chief,
Rare and Misc. Metals Division

Subject: Docket No. DMEA-3005, Russell T. Miller
(formerly Lead & Copper Mines, Inc., DMEA-2531)

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Since there is only one file, it and the report (Project 83) are being sent first to Mr. Kinkel with the request that same be forwarded to Mr. Johnson when Mr. Kinkel's findings and recommendation are completed.

Ernest Wm. Ellis

cc to: Mr. C. H. Johnson

4/27/53

Mr.Ellis:

You and Mr. Schmidt thought we had disposed of this situation when you wrote the letter of April 14, 1953, to Mr. Uhalde (See docket on DMEA-2531 and large bound report NWES 83 which we have gotten from the closed files.) Now they have come in with a new application which Mails & Files has docketed under DMEA-3005.

gla

Also, Mrs. Lee, the administrative assistant in USGS who receives all of the applications for Mr. Kinkel's division, phoned me this afternoon. While they have copies of our recent letters to the Senators and to Mr. Uhalde, they do not have any supporting data on which to prepare comments on DMEA-3005. I told her to hold up on it until I phoned her again.

NEW WORLD EXPLORATION, RESEARCH
AND DEVELOPMENT CORPORATION
CONTRACT MINERAL SURVEYS

SURVEYS:
GEOLOGICAL
DIAMOND DRILL
GEOCHEMICAL
COLORIMETRIC
SPECTROGRAPHIC
GEOPHYSICAL
MAGNETIC
ELECTRICAL

April 20, 1953

C. O. Mittendorf, Administrator,
Defense Minerals Exploration Administration,
Washington, 25, D.C.

Re: Docket No. DMEA-2531
(Copper-Zinc-Lead)
Lead & Copper Mines, Inc.,
Aladdin Mines, Elko County, Nevada

Dear Mr. Mittendorf:

We are submitting a new application for aid in an exploration project as you advise in your letters dated March 30, 1953 to Senator Malone and Congressman Young.

Nearly all the data requested in the application has already been submitted to you in the form of New World Exploration Services Project 83 report on the district. References to specific sections in this report are made on the application sheets.

We are enclosing the items not covered in the report:

4 copies of the lease
4 copies of the experience records of the group who will supervise the operations

If there are any more data you desire, please advise us. Thank you for your interest in this project.

Yours very truly,

RUSSELL T. MILLER

RTM;h

Enc.

April 28, 1953

Mr. Russell T. Miller
P. O. Box 1206
Reno, Nevada

Subject: DMEA-3005
Re: Exploration Assistance

My dear Mr. Miller:

The receipt of your application dated April 17, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3005 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-3005 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Operations Control
and Statistics Division

GEOLOGY DIVISION HEAD

Robert W. Decker and his staff handle all your exploration work in the geology field including literature surveys, reconnaissance examinations, geology surveys, sampling, evaluations and recommendations.

His experience in exploration geology extends from iron exploration in Venezuela to mineral and petroleum exploration in Nova Scotia, Canada, Pennsylvania, Oklahoma and the western states.

Behind this experience is a solid academic background with B.S. and M.S. degrees from Massachusetts Institute of Technology and a D.Sc. degree from the Colorado School of Mines.

GEOPHYSICS DIVISION HEAD

Russ Miller and his staff conduct all geophysical surveys recommended by the combined techniques. These surveys utilize magnetic, electrical, gravity and geochemical methods.

His experience includes exploration geophysics throughout the western states.

His academic background includes a B.S. degree from Massachusetts Institute of Technology and advanced geophysical work at Colorado School of Mines.

NEW WORLD EXPLORATION SERVICES

ENGINEERING DIVISION HEAD

F. T. Quiett and his staff operate New World's mining properties including iron, lead-silver and tungsten mines. Their experience will help you solve your operational and management problems. Also within this division is the contract diamond drilling department offering low cost, high speed diamond drilling.

His experience includes operation of placer properties, open pit and underground mines throughout the western states.

An engineering degree and a M.S. degree from the Colorado School of Mines constitute his formal education.

DMEA - 3005

Re: Item 5(d)

PERSONNEL

The key to successful mineral exploration is
ACCURATE INFORMATION
AT LOW COST

NEW WORLD EXPLORATION SERVICES

bring you this information accurately and economically in the field of geology, geophysics and diamond drilling.

Experience gathered in hundreds of surveys on all types of mining and petroleum projects in many areas combined with years of specialized training guarantees to you information and facts which are completely reliable.

Call on New World Exploration for these services in the mining and petroleum fields.

CONSULTANTS

Foreign and Domestic

Geology Geophysics

Mine Management

Contract Diamond Drilling

Phone 2-8213

Box 1206 Reno, Nevada

Standard Form 63
Jan. 1952

U. S. GOVERNMENT
MEMORANDUM OF CALL

Date	Time
4-30	12:[illegible] E.D.T.

TO— Flo

☑ YOU WERE CALLED BY— ☐ YOU WERE VISITED BY—

Mrs. Caulk

TELEPHONE:	Number or code	Extension
		5295

☑ PLEASE CALL ☐ WAITING TO SEE YOU
☐ WILL CALL AGAIN ☐ WISHES AN APPOINTMENT
☐ RETURNING YOUR CALL

Omea 3005-2531

LEFT THIS MESSAGE:

Mr. Ellis is sending the doctor file for Omea 2531 via messenger service for comment.

Received by—
Mary

U. S. GOVERNMENT PRINTING OFFICE 16—65931-1

April 20, 1953

C. O. Mittendorf, Administrator,
Defense Minerals Exploration Administration,
Washington, 25, D.C.

Re: Docket No. DMEA-2531
(Copper-Zinc-Lead)
Lead & Copper Mines, Inc.,
Aladdin Mines, Elko County, Nevada

Dear Mr. Mittendorf:

We are submitting a new application for aid in an exploration project as you advise in your letters dated March 30, 1953 to Senator Malone and Congressman Young.

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We are enclosing the items not covered in the report:

4 copies of the lease
4 copies of the experience records of the group who will supervise the operations

If there are any more data you desire, please advise us. Thank you for your interest in this project.

Yours very truly,

RUSSELL T. MILLER

RTM;h

Enc.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 27 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-3005
Metal or Mineral
Date Received 4/27/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

Russell T. Miller
P. O. Box 1506, Reno, Nevada

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Applicant controls all the Aladdin Mines Company and Thurber Estate claims in the district; see pages 14 and 16, and study map in rear pocket of DMEA project 23 report.

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise lessee and purchaser under contract

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. enclosed

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

16—66551-1

see pages 12 - 41 and appendix in DMEA project 23 report

5. *The exploration project.*—(a) State the mineral or minerals for which you wish to explore Copper, lead, zinc, and tungsten

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. see pages 43 to 51 in DMS project 83 report

(*c*) The work will start within 30 days and be completed within 12 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? yes

(*b*) How do you propose to furnish your share of the costs?

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated April 17, 1953

Russell J. Miller
(Applicant)

By Russell J. Miller Jr.

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 27 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-3005
Metal or Mineral
Date Received 4/27/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

Russell T. Miller
P. O. Box 1206, Reno, Nevada

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

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3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Applicant controls all the Aladdin Mines Company and Thurber Estate claims in the district; see pages 14 and 15, and claim map in rear pocket of NWES project 83 report.

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise lessee and purchaser under contract

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. enclosed

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

16—66551-1

See pages 12 - 41 and appendix in NWES project 83 report

5. *The exploration project.*—(a) State the mineral or minerals for which you [illegible] to explore Copper, lead, zinc, and tungsten

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. see pages 43 to 51 in NWES project 83 report

(*c*) The work will start within 90 days and be completed within 12 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? yes

(*b*) How do you propose to furnish your share of the costs?

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated April 17, 1953

Russell J. Miller
(Applicant)

By Russell J. Miller Jr.

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

ASSIGNMENT OF LEASEHOLD INTEREST

(Lead & Copper Mines, Inc., and to New World Exploration, Research and Development Corporation.)

KNOW ALL MEN BY THESE PRESENTS:

That LEAD AND COPPER MINES, INC., a Nevada corporation, for and in consideration of TEN DOLLARS ($10.00) to it duly paid by NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION, a Washington corporation, has sold and does hereby assign, transfer and set over unto the said NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION all of its right title and interest in a certain lease and option dated April 29, 1949, by and between ALADDIN MINES COMPANY, a Nevada corporation and JOHN H. UHALDE and J. BENJAMIN PARKER of Reno, Nevada, concerning certain premises known as the ALADDIN MINES located in the Railroad Mining District, Elko County, Nevada, with all and singular the premises therein mentioned together with all the appurtenances.

To have and hold the same unto NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION, its successors and assigns from this day forward.

Dated this 10th day of May, 1952.

LEAD AND COPPER MINES, INC.,

By: _____

STATE OF NEVADA,)
) SS.
COUNTY OF_____)

On this_____day of_____, 1952, personally appeared before me, the undersigned, a Notary Public in and for the County and State aforesaid,_____ _____, known to me to be an officer of the corporation that executed the foregoing instrument, and upon oath did depose and say:

That he is the officer of said corporation as above designated; that he is acquainted with the seal of said corporation, and that the seal affixed to said instrument is the corporate seal of said corporation; that the signature to said instrument was made by the officer of said corporation as indicated after his signature; and that the said corporation executed the same instrument freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

_____
NOTARY PUBLIC in and for_____
State of_____.

My commission expires:

[illegible]

[illegible] by and between [illegible] Nevada [illegible] tion, [illegible] a [illegible] corporation.

That the said [illegible] its heirs and assigns, forever and shall have and hold, subject to the rents, royalties, payments, covenants and conditions contained in the [illegible] hereinabove described, the following mining claims situate [illegible] the [illegible], located in [illegible] Mining District, Elko County, Nevada, and more particularly described as follows:

Portal	Dike No. 4	Hoffman Fraction
Portal Fraction	Dike No. 6	Storm King
Homestake	Dike No. 7	Last Chance
Eagle	Dike No. 8	Bullion
Nevada	Dike No. 9	Mounted Ledge
Key	Dike No. 11	Spring
Mahogany	Tripoli East	Lark
Dike No. 1	Tripoli	Owl
Dike No. 2	Sky Blue	Burke Fraction
Dike No. 3	Molous	Webfoot
	Snowbird	

DATED this _____ day of May, 1952.

NEW WORLD EXPLORATION, RESEARCH
AND DEVELOPMENT CORPORATION

By _____

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ before me, the undersigned, a Notary Public in and for the County of _____, State of _____, duly commissioned and sworn, personally appeared _____ to me known to be the _____ of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he was authorized to execute said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and notarial seal this _____ day of _____, 1952.

_____
Notary Public in and for the State of _____, residing at _____

A G R E E M E N T

THIS AGREEMENT made and entered into at Reno, Nevada, this 10th day of May, 1952, by and between LEAD AND COPPER MINES, INC., a Nevada corporation, hereinafter called seller, and NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION, a Washington corporation, hereinafter called buyer.

W I T N E S S E T H :

WHEREAS, seller is the assignee of a certain indenture of Lease and Option to Purchase dated April 29, 1949, wherein Aladdin Mines Company, a Nevada corporation, executed said Lease and Option to Purchase with John H. Uhalde and J. Benjamin Parker, of Reno, Nevada, a copy of which document is attached hereto marked Exhibit A, and

WHEREAS, buyer desires to purchase said Lease and Option to Purchase, and

WHEREAS, seller desires to sell and assign said Lease and Option to Purchase to buyer.

NOW THEREFORE, this Agreement

W I T N E S S E T H:

That the parties hereto in consideration of the premises contained herein agree as follows:

1. Seller agrees to assign to buyer all of its right, title and interest in the aforesaid Lease and Option to Purchase which is attached hereto marked Exhibit A.

2. In consideration therefor, buyer agrees to pay to seller a sum equal to twenty-five (25%) percent of the total price paid by buyer herein to the Aladdin Mines Company for the purchase of the property described in Exhibit A. In the event that Aladdin Mines Company sells or agrees to sell said property to buyer herein for less than the sum of $400,000.00 referred to in Paragraph I of Exhibit A then the consideration for this assignment shall be

twenty-five percent (25%) of the modified purchase price. This sum is to be paid in full on or before April 29, 1958, and paid in royalties in the manner hereinafter described. Said royalties shall be a five percent (5%) overriding royalty on the net smelter returns as defined hereinbelow in paragraph 4.

3. Seller agrees to deposit with the Nevada Bank of Commerce at Elko, Nevada, a valid assignment of the seller's right, title and interest in the said Lease and Option to Purchase marked Exhibit A. Seller agrees to instruct said Nevada Bank of Commerce to deliver said assignment to buyer upon compliance with the terms of payment as provided herein.

4. In order to resolve an ambiguity contained in paragraph 9 of Exhibit A, it is agreed that net smelter returns as applicable herein shall mean the price paid by the smelter or other purchaser of said minerals or products sold less deductions only for railroad freight charges and smelter charges.

5. Buyer agrees to comply with all provisions of said Exhibit "A" and to hold seller harmless from any liability thereon during the continuance of this agreement.

IN WITNESS WHEREOF the parties have hereunto executed this agreement the 16th day of May, 1952.

LEAD AND COPPER MINES, INC.

By _____
Seller

NEW WORLD RESEARCH, EXPLORATION AND DEVELOPMENT CORPORATION

By: _____
Russell Miller, Buyer

[illegible]

This [illegible] made this ____day of _____, [illegible] by and between [illegible] of Seattle, Washington, [illegible] after designated "First Party", and [illegible] of Seattle, [illegible], hereinafter designated "Second Party".

[illegible]:

[illegible], since [illegible] is desirous of procuring a lease and option to purchase [illegible] known as the [illegible], located in the [illegible] District, [illegible] County, State of Nevada; and

[illegible], because [illegible] is [illegible] the development of [illegible] these [illegible] [illegible], dated April 2[illegible], 19[illegible], [illegible] [illegible] Nevada [illegible] [illegible] Benjamin [illegible]. [illegible] [illegible] in the [illegible] [illegible] and covenants as hereinafter set forth, the parties hereto agree as follows:

[illegible]

Second party shall use the best efforts [illegible] procure [illegible] on behalf of the [illegible] [illegible] Agreement dated April 2[illegible], 19[illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Benjamin [illegible], of Los Angeles.

[illegible]

Second party shall [illegible] [illegible] and [illegible] all of the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible].

First party shall secure the services of Second Party:

a. To conduct such further exploration and development of the [illegible] property as may be necessary to prove the property for the mineral extraction of molybdenite; and

b. To place, erected and [illegible] thereon [illegible] of the said property, [illegible] and [illegible] as may be required for the product [illegible].

IV.

First party shall compensate Second Party for the services rendered pursuant to [illegible] follows:

a. First party shall [illegible] all costs which shall be incurred by it in the performance of the services described in [illegible], [illegible] Second Party shall submit to [illegible] a verified statement of all such costs incurred, and [illegible] further that in no event shall such costs exceed the [illegible] sum of three thousand five hundred dollars ($3,5[illegible]) [illegible] expense account and travel of First Party.

b. First Party shall [illegible] Second Party an option to purchase from First Party an [illegible], [illegible] exceed Sixty-Six and Two-Thirds Percent (66 2/3%), in said lease and [illegible] to purchase for the nominal sum of Five Hundred Dollars ($500), provided, however, that such option shall be exercised by Second Party within six (6) months from the date hereof.

V.

All of the rights and [illegible] as set forth herein, shall be [illegible] the name of the

benefit of the heirs, assigns and legal representatives of said parties. Either party shall have the right to sell, transfer and assign all or any part of its rights and duties herein defined to any other person or corporation.

VI.

This agreement shall be terminable at the election of either party by notice in writing, delivered to the other party ten days prior to the effective date of termination; provided, however, that such termination shall not excuse or relieve First Party from the obligation to reimburse Second Party for such costs as Second Party shall have incurred pursuant to paragraph IV (a) hereof prior to the said effective date of termination.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands the day and year first above written.

_____
First Party

NEW SINCLAIR EXPLORATION, INCORPORATED
AND NEW SINCLAIR CORPORATION

By_____
Second Party

LEASE AND OPTION TO PURCHASE

THIS INDENTURE OF LEASE WITH OPTION TO PURCHASE, made and entered into at Elko, Nevada, this 29th day of April, 1949, by and between ALADDIN MINES COMPANY, a Nevada Corporation, party of the first part, hereinafter called "SELLER" and JOHN E. WHALEN and J. BENJAMIN PARKER, of Reno, Nevada, parties of the second part, hereinafter called the "BUYERS".

W I T N E S S E T H:

WHEREAS, Seller is the owner of that certain mining property known as the ALADDIN MINE, located in the Railroad Mining District, Elko County, Nevada, and more particularly described as follows:

TOTAL	DIKE NO. 7	SUNSHINE
NORTH FRACTION	DIKE NO. 8	WANTED LODE
HUNTSMAN	DIKE NO. 9	SOLID
SUNS	DIKE NO. 11	LACK
NEVADA	TRIPOLI EAST	OWL
KYX	TRIPOLI	SUNSET FRACTION
MAHOGANY	SKY BLUE	ARROWS
DIKE NO. 1	LODES	
DIKE NO. 2	SNOWBIRD	
DIKE NO. 3	NORTHAM FRACTION	
DIKE NO. 4	WORM FING	
DIKE NO. 5	LAST CHANCE	

Abstract of title of above properties may be inspected by the Buyers at any convenient time. Abstract of title to be delivered upon final payment of amount subsequently appearing herein.

TOGETHER with all the dips, spurs and angles, and also all the metals, ores, (metallic and non-metallic), rock and earth showing and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had and employed; and, also all and singular the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining, and the rents, issues and profits thereof.

AND WHEREAS, Buyers are desirous of securing a lease with option to purchase all of the aforesaid mining property, upon the terms and conditions hereinafter set forth.

NOW THEREFORE, THIS INDENTURE WITNESSETH:

That Seller, for and in consideration of the sum of ONE DOLLAR ($1.00), current lawful money of the United States, to him in hand paid by the Buyers, the receipt thereof is hereby acknowledged, and for and in the further consideration that the covenants and conditions as hereinafter undertaken to be kept and performed by said Buyers will be kept and performed, hereby covenants and agrees as follows, to-wit:

1. The total consideration and purchase price of said mine is the sum of FOUR HUNDRED THOUSAND & NO/100 DOLLARS ($400,000.00), to be paid in full on or before ten (10) years from date of this instrument, payable however, in royalties in the manner hereinafter described. No interest shall be charged upon the unpaid balance of said purchase price. If royalties do not complete purchase payment, it is then agreed that this lease and option be lengthened another ten years.

2. Seller agrees, at Buyers' expense, to deposit with Nevada Bank of Commerce at Elko, Nevada, an Abstract of Title of said mine, and to show a good and merchantable title, free and clear of all liens and encumbrances. The unpatented claims to be conveyed shall be subject, however, to the paramount title of the United States.

Seller further agrees that upon payment in full of the aforesaid purchase price of FOUR HUNDRED THOUSAND & NO/100 DOLLARS ($400,000.00) to instruct said Nevada Bank of Commerce of Elko, Nevada, to deliver to Buyers a valid and merchantable mining deed conveying said mines to Buyers, as set forth in the preceding paragraph.

3. Seller agrees that Buyers shall have the sole exclusive free use of all machinery, buildings, structures, equipment, maps, reports, records, and supplies now on or about said mine, and also free use of water, timber, wood, stone and rock; Seller further grants to Buyers all water, water rights, or

every kind and description, appurtenant to or used with or in connection with said mine; also all rights-of-way over old roads, trails, ditches, flumes, water lines, dam sites, and reservoir sites, and the right of ingress and egress to and from said mine.

6. Buyers, for and in consideration of the sum of ONE DOLLAR ($1.00), to them in hand paid by said Seller, the receipt of which is hereby acknowledged, and for and in the further consideration that the covenants and conditions as herein undertaken to be kept and performed by the Seller will be kept and performed, covenants and agrees as follows, to-wit:

A. That upon the execution of this instrument, Buyer will (as further set forth) enter into possession of said mining premises and will commence actual work upon said mine and thereafter work said mine in a minerlike fashion, according to accepted standards of effective and sound mining, with due regard to the preservation of said mine and its further development as a workable mine. Said "work" may consist of surface and/or underground surveys and mapping, sampling and assays, geological studies, surface trenching, prospecting, exploration, development work, mining, milling, refining, blocking out ore and such other work connected with any and all appurtenant requirements to perform said aforesaid work.

B. Buyers will, on or before May 15, 1960, commence work upon said mine as follows:

(1) Maintain not less than (1) watchman on the property at all times.

(2) Each year do not less than 6000 man-hours of work on the property;

(3) Buyers agree that during the continuance in force of this instrument that they will pay all property and bullion

taxes or other taxes of whatever kind or nature levied or assessed against said mining premises and/or against any and all improvements, tools, machinery or equipment constructed or placed on said mining premises. It is understood that the Buyers assume full obligation to pay all taxes of whatever kind or nature levied after this date, but that Seller, for his protection, may pay all or any of said taxes prior to delinquency and if he does pay any taxes, Buyers agree to promptly reimburse Seller.

(4) Buyer agrees to keep said premises and every part thereof at all times free and clear of all mechanics, miners' and/or other labor liens and encumbrances of every other nature and description and to pay all indebtedness and liabilities incurred by the Buyers which may or might become a lien on said premises before said indebtedness and/or liabilities shall become a lien, and to post and to keep posted in not less than three conspicuous places upon the demised premises notice that the interest of the Seller therein shall not be subject to any lien for service, labor or materials furnished upon or used in connection with this instrument or said mine by the Buyers, said notice to be on behalf of and in the name of the Seller.

(5) Buyers will do or cause to be done the necessary assessment work on the unpatented claims on or before May 15th of each year and advise the Seller to that effect in order that the necessary record thereof may be made.

(6) Buyers agree to assume all responsibility for, and to save Seller harmless from, any and all accidents to themselves or any of their employees, sub-lessees, licensees, agents or associates upon the demised premises and to post, and at all times to keep posted upon the premises a conspicuous notice in the name and on behalf of the Seller, stating in substance that the Seller will not be liable for any damages on account of any accident or accidents.

(7) Buyer shall furnish Sellers, during life of this lease, an annual statement or account showing all disbursements of every kind and character made in connection with the development and/or operation of said mining premises, or any part thereof, and said books of account shall once each year be open to examination by the Seller or his duly authorized agent, and the Seller is hereby given full and free right to make a copy of said books of account or any portion thereof.

(8) Buyers agree to permit Seller, or his duly authorized agents or representatives, at Seller's sole risk and responsibility, as often as desired, at any reasonable hours, (a) to enter upon and visit all parts of said leased premises whether now or later constructed, and maintained thereon, for the purpose of taking samples and of observing whether the terms of this instrument are being fully and faithfully complied with by the Buyers; (b) to take samples from any area waiting milling, reduction or treatment, or in place; and (c) to have surveys made of the workings, whether under or above ground, or both, and the Buyers further agree to furnish Seller, as and when requested by said Seller, a copy of blueprints of all surveys or maps made by the Buyers and generally to facilitate in every way such inspections, surveys and samplings, as above provided, and to furnish Seller, or his duly authorized agent when requested, full, true and accurate information not heretofore furnished with regard to the condition of the workings, or any part thereof.

(9) All royalty payments are to apply on the purchase price and are to be made as follows:

Ten percent (10 %) of net smelter returns, or by other purchaser, of any mineral or product sold by Buyers from said demised premises. Net returns shall mean the price paid by the

"smelter" or other purchaser of said minerals or product sold, without any deduction therefrom for transportation of any nature whatsoever, or mill charges. Smelter or other purchaser to be instructed by Buyers to transmit Seller's receipts as owner may direct. Duplicate copy of smelter returns to be furnished Seller. Buyer shall instruct smelter or other purchaser of any mineral for each lot/pulp of each lot to Seller.
product to furnish

(9a) Seller agrees to give Buyer semi-annual receipt for royalties received during period.

(10) Buyers agree to ship all ores, concentrates, or other saleable products in the name of ALADDIN MINES COMPANY (UNALLOT & PARKER LEASE).

(11) Buyers agree during the life of this instrument to comply with all of the laws of the United States and the State of Nevada with reference to the employment and payment of workmen employed by Buyers upon said mining premises and agree to carry Workmen's Compensation insurance on all workmen employed upon said mining premises in some responsible company doing business within the State of Nevada, satisfactory to Seller, and to pay the premium thereon; it being expressly understood that Seller is not the employer of any workmen or any other person employed or to be employed upon said mining premises, and Seller is not and will not be responsible in any degree for any personal injury suffered or to be suffered by any employee within the time or scope of his employment as construed by the Nevada Industrial Commission.

(12) Each and every agreement, covenant, term or condition herein contained, on the part of the Buyers to be kept or performed, shall be kept and it is hereby made a condition of this instrument, but in the event that Buyers shall fail to

keep or perform any agreement, covenant, term or condition herein set forth, and Seller desires to terminate this instrument because of said violation, Seller may give Buyers written notice, by registered mail, of the violation complained of by Seller, said notice to be mailed to Buyers and if such violation or default is not removed or corrected within (90) ninety days after date of mailing of said notice, then this instrument, at the election of Seller, may thereupon be terminated. In the event of such termination, as herein provided for, Buyers agree to surrender and deliver possession of said mine to Seller within the time provided for herein.

(13) Buyer shall have the right to abandon this agreement at any time upon ten (10) days written notice to Seller by registered mail, without prejudice.

(14) In case of surrender by Buyers as described in paragraph (12) hereof, then, and in such event, Seller may, at his option, with written notice to Buyers expel, remove and put out Buyers from the possession of said Mine. However, such termination shall not release the Buyers under the provisions hereof.

(15) In the event of termination of this instrument for any reason, including the abandonment or surrender of said mine as herein provided, Buyers shall have the right to remove from said mine all personal property of any kind, character or description, whether affixed to the realty or not, with the sole exception of timber in place underground, track steel, track ties and underground pipe used for pumping water from underground workings and for the delivery of air. Buyers must remove all of said property within one hundred and eighty (180) days from date of termination or abandonment of this instrument.

(16) Buyers agree to stockpile ores mined having an insufficient value to warrant shipment to smelter or custom mill, so that said ore may readily be reclaimed.

IT IS MUTUALLY AGREED AND UNDERSTOOD between Seller

and Buyers that operations under this instrument are subject to acts of God, war, insurrection and acts of the public enemy, and discontinuance under any of these conditions shall not operate as a forfeiture of this agreement, or be considered as a violation of the covenant to work said mine as hereinbefore provided.

Seller represents that he holds a bond and lease Agreement from the Thurber Estate Corporation covering the Thurber Estate property in the Railroad Mining District. Buyers agree to abide by ther terms of the said Thurber bond and lease Agreement, copy of extension being attached as EXHIBIT "A" and is made apart hereof.

amCo by SED JBP JHV amCo by DWW

IT IS FURTHER MUTUALLY AGREED BY And between Seller and Buyers, that in the case of a dispute or disagreement which the parties cannot settle, the matter shall be submitted for arbitration as follows:

Seller shall appoint one arbiter at his expense and Buyer shall appoint one arbiter at Buyers' expense, and these two shall appoint one third party, and the majority decision of the three arbiters shall govern the dispute. The third party is to be paid equally by both Seller and Buyers.

IT IS FURTHER MUTUALLY AGREED that on any ores, other than ores covered by this lease as belonging to the Aladdin Mines Company, be transported through their development tunnel, the Buyers agree to pay a royalty on the net smelter returns to the Seller. amount of royalty to be mutually agreed upon by the parties hereto when such contingency arises. Payments under this paragraph shall not apply to the "Thurber" properties as long as they are under bond & lease to Seller.

amCo by SED JBP JHV amCo by DWW

Time is the essence of this instrument.

Whenever notice is required under the terms of this instrument, letters addressed, properly stamped, registered and mailed with the following addresses thereon shall be considered proper notice:

TO BUYER: John H. Shields and J. Benjamin Parker
P. O. Box 347
Reno, Nevada

To Seller:

Alnadin Mines Company
c/o Stanley Davis, Sec.-Mgr.
P. O. Box 2361
Reno, Nevada

This instrument shall be binding upon and inure to the benefit of the heirs assigns and legal representative of Seller and Buyers hereto. Buyers have the right to sell, transfer and assign this instrument to any other party or corporation.

IN WITNESS WHEREOF the parties hereto have executed this agreement the day and year first above shown.

ALADDIN MINE COMPANY

S.L. Davis
Secretary

W.M. Weathers
President

John H. Uhalde

J. Benjamin Parker
Buyers

STATE OF NEVADA, }
COUNTY OF ELKO. } SS.

On this 10th day of April, 1949, personally appeared before me, the undersigned, a Notary Public in and for the County and State aforesaid, W. M. Weathers, known to me to be the president of the corporation that executed the foregoing instrument, and upon oath did depose and say:

That he is the officer of said corporation as above designated; that he is acquainted with the seal of said corporation, and that the seal affixed to said instrument is the corporate seal of said corporation; that the signatures to said instrument were made by the officers of said corporation as indicated after their signatures; and that the said corporation executed the same instrument freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

F. Grant Sawyer
NOTARY PUBLIC

STATE OF NEVADA, }
} SS.
COUNTY OF WASHOE }

On this 27th day of May, 1948, personally appeared before me, a Notary Public in and for the said County and State JOHN H. [illegible] and J. BENJAMIN [illegible], known to me to be the persons described in and who executed the foregoing instrument, who acknowledged to me that they executed the same freely and voluntarily and for the uses and purposes therein mention.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Clerence H. Patten
NOTARY PUBLIC

STATE OF NEVADA }
} SS.
COUNTY OF WASHOE }

On this [illegible] day of [illegible], 1948, personally appeared before me, a Notary Public, in and for the County of Washoe, S. [illegible] DAVIS, known to me to be the Secretary of ALANTIC [illegible] COMPANY, the corporation that executed the foregoing instrument, and upon oath, he did depose and say that he is the officer of said corporation as above designated; that the seal affixed to said instrument is the corporate seal of said corporation; that the signatures to said instrument were made by officers of said corporation as indicated after their said signatures; and that the said corporation executed the said instrument freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the County of Washoe, the day and year in this certificate first above written.

Clerence H. Patten
Notary Public

My Commission expires Jan 6th, 1953.

ASSIGNMENT OF LEASE

KNOW ALL MEN BY THESE PRESENT:

That we, JOHN H. UHALDE and J. BENJAMIN PARKER, of Reno, Nevada, for and in consideration of TEN DOLLARS ($10.00) to us duly paid by LEAD AND COPPER MINES, INC., have sold and do hereby assign, transfer and set over to LEAD AND COPPER MINES, INC., a certain lease and option to purchase, dated the 29th day of April, 1949, with all and singular the premises therein mention and described together with the appurtenances.

To have and hold the same unto LEAD AND COPPER MINES, INC., its successors and assigns for and during all the rest and the remainder to come off and in the term of ten years mentioned in the said lease, subject to the rents, covenants and conditions contained in said lease.

IN WITNESS WHEREOF, we have hereunto set our hand this 1st day of May, 1952.

John H. Uhalde

J. Benj. Parker

STATE OF NEVADA, }
COUNTY OF WASHOE } ss.

On this 1st day of May, 1952, personally appeared before me, a Notary Public in and for the said County and State JOHN H. UHALDE and J. BENJAMIN PARKER, known to me to be the persons described in and who executed the foregoing instrument, who acknowledged to me that they executed the same freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

C. Clifton Young
Notary Public
My Commission Expires Jan. 10, 1955

ASSIGNMENT OF LEASEHOLD INTEREST

(Lead & Copper Mines, Inc., and to New World Exploration, Research and Development Corporation.)

KNOW ALL MEN BY THESE PRESENTS:

That LEAD AND COPPER MINES, INC., a Nevada corporation, for and in consideration of TEN DOLLARS ($10.00) to it duly paid by NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION, a Washington corporation, has sold and does hereby assign, transfer and set over unto the said NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION all of its right title and interest in a certain lease and option dated April 29, 1949, by and between ALADDIN MINES COMPANY, a Nevada corporation and JOHN E. UHALDE and J. BENJAMIN PARKER of Reno, Nevada, concerning certain premises known as the ALADDIN MINES located in the Railroad Mining District, Elko County, Nevada, with all and singular the premises therein mentioned together with all the appurtenances.

To have and hold the same unto NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION, its successors and assigns from this day forward.

Dated this 10th day of May, 1952.

LEAD AND COPPER MINES, INC.,

By: _____

STATE OF NEVADA, }
COUNTY OF_____} SS.

On this_____day of_____, 1952, personally appeared before me, the undersigned, a Notary Public in and for the County and State aforesaid,_____

_____, known to me to be an officer of the corporation that executed the foregoing instrument, and upon oath did depose and say;

That he is the officer of said corporation as above designated; that he is acquainted with the seal of said corporation, and that the seal affixed to said instrument is the corporate seal of said corporation; that the signature to said instrument was made by the officer of said corporation as indicated after his signature; and that the said corporation executed the same instrument freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

_____
NOTARY PUBLIC in and for_____
State of_____.

My commission expires:

[illegible] ASSIGNMENT

[illegible]:

[illegible], [illegible] EXPLORATION, CONTRACT AND DEVELOPMENT [illegible], a Washington corporation, for and in consideration of Ten Dollars ($10.00) [illegible] to it [illegible] of the City of Seattle, County of King, [illegible] does [illegible], the receipt whereof is hereby acknowledged, has sold and [illegible], hereby [illegible] unto the said [illegible] all of its right, [illegible] and interest in and to that certain Lease and Option to Purchase made and entered into at [illegible] on the [illegible] day of April, 19[illegible], by and between [illegible] a Nevada corporation, as lessor, and [illegible] and [illegible], individuals residing in [illegible], Nevada, as lessees, together with all of its right, title and interest in and to that certain Agreement for the assignment of said Lease and Option to Purchase entered into at Reno, Nevada on the [illegible] day of May, 1952, by and between [illegible] a Nevada corporation, and [illegible] WORLD EXPLORATION, CONTRACT AND DEVELOPMENT CORPORATION, a Washington corporation.

That the said RUSSELL [illegible], his heirs and assigns, from this day forward shall have and hold, subject to the rents, royalties, payments, covenants and conditions contained in the instruments hereinabove described, the following mining property known as the [illegible] Mine, located in the Railroad Mining District, Elko County, Nevada, and more particularly described as follows:

Portal	Dike No. 4	Hoffman Fraction
Portal Fraction	Dike No. 6	Storm King
Homestake	Dike No. 7	Last Chance
Eagle	Dike No. 8	Bullion
Nevada	Dike No. 9	Mounted Ledge
Key	Dike No. 11	Spring
Mahogany	Tripoli East	Lark
Dike No. 1	Tripoli	Owl
Dike No. 2	Sky Blue	Purke Fraction
Dike No. 3	Moldus	Webfoot
	Snowbird	

DATED this _____ day of May, 1952.

NEW WORLD EXPLORATION, RESEARCH
AND DEVELOPMENT CORPORATION

By _____

STATE OF
) ss.
COUNTY OF

On this day before me, the undersigned, a Notary Public in and for the State of _____, duly commissioned and sworn, personally appeared _____ to me known to be the _____ of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he was authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal this _____ day of _____, 1952.

_____
Notary Public in and for the State
of Washington, residing at Seattle

A G R E E M E N T

THIS AGREEMENT made and entered into at Reno, Nevada, this 10th day of May, 1952, by and between LEAD AND COPPER MINES, INC., a Nevada corporation, hereinafter called seller, and NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION, a Washington corporation, hereinafter called buyer.

W I T N E S S E T H :

WHEREAS, seller is the assignee of a certain indenture of Lease and Option to Purchase dated April 29, 1949, wherein Aladdin Mines Company, a Nevada corporation, executed said Lease and Option to Purchase with John H. Uhalde and J. Benjamin Parker, of Reno, Nevada, a copy of which document is attached hereto marked Exhibit A, and

WHEREAS, buyer desires to purchase said Lease and Option to Purchase, and

WHEREAS, seller desires to sell and assign said Lease and Option to Purchase to buyer.

NOW THEREFORE, this Agreement

W I T N E S S E T H:

That the parties hereto in consideration of the promises contained herein agree as follows:

1. Seller agrees to assign to buyer all of its right, title and interest in the aforesaid Lease and Option to Purchase which is attached hereto marked Exhibit A.

2: In consideration therefor, buyer agrees to pay to seller a sum equal to twenty-five (25%) percent of the total price paid by buyer herein to the Aladdin Mines Company for the purchase of the property described in Exhibit A. In the event that Aladdin Mines Company sells or agrees to sell said property to buyer herein for less than the sum of $400,000.00 referred to in Paragraph I of Exhibit A then the consideration for this assignment shall be

twenty-five percent (25%) of the modified purchase price. This sum is to be paid in full on or before April 29, 1959, and paid in royalties in the manner hereinafter described. Said royalties shall be a five percent (5%) overriding royalty on the net smelter returns as defined hereinbelow in paragraph 4.

3. Seller agrees to deposit with the Nevada Bank of Commerce at Elko, Nevada, a valid assignment of the seller's right, title and interest in the said Lease and Option to Purchase marked Exhibit A. Seller agrees to instruct said Nevada Bank of Commerce to deliver said assignment to buyer upon compliance with the terms of payment as provided herein.

4. In order to resolve an ambiguity contained in paragraph 9 of Exhibit A, it is agreed that net smelter returns as applicable herein shall mean the price paid by the smelter or other purchaser of said minerals or products sold less deductions only for railroad freight charges and smelter charges.

5. Buyer agrees to comply with all provisions of said Exhibit "A" and to hold seller harmless from any liability thereon during the continuance of this agreement.

IN WITNESS WHEREOF the parties have hereunto executed this agreement the 10th day of May, 1952.

LEAD AND COPPER MINES, INC.

By [illegible]
Seller

NEW WORLD RESEARCH, EXPLORATION AND DEVELOPMENT CORPORATION

By: [illegible]
Russell Miller, Buyer

A G R E E M E N T

This Agreement made this _____ day of _____, 19__, by and between [illegible] WILLS of Seattle, Washington, hereinafter designated "First Party", and [illegible] of Seattle, Washington, hereinafter designated "Second Party",

W I T N E S S E T H :

WHEREAS, First Party is desirous of procuring a lease and option to purchase certain claims or mines commonly known as the [illegible] Mines, located in the Ellipse Mining District, Elko County, State of Nevada; and

WHEREAS, Second Party is contemplating the assignment to it of the lease and option to purchase said claims or property, dated April 29, 19[illegible], running from Gladden Mines Company, a Nevada corporation, to John H. Shalko and F. Benjamin Barker, individuals residing in the City of Reno, Nevada;

NOW, THEREFORE, in consideration of the mutual promises and covenants as hereinafter set forth, the parties hereto agree as follows:

I.

Second Party shall use its best efforts to procure the assignment to itself of the lease and option to purchase Agreement dated April 29, 1949, and entered into by Gladden Mines Company, a Nevada corporation, as lessor, and by John H. Shalko and F. Benjamin Barker, as lessees.

II.

Second Party shall thereafter assign and transfer all of its interests in said lease and option to purchase agreement to First Party.

III.

First Party shall employ the services of Second Party:

A. To conduct such further exploration and development of the said property as may be necessary to prepare the property for economic mineral extraction and production; and

B. To mine, extract and produce the mineral deposits situated within said property, and to sell, transport, ship and do such other things as may reasonably be required for the production and/or marketing of said mineral deposits.

IV.

First Party shall compensate Second Party for the services rendered pursuant to Paragraph III as follows:

A. First Party shall pay Second Party all costs which shall be incurred by it in the performance of the services described in Paragraph III; provided, however, that Second Party shall submit to First Party a verified statement of all such costs incurred, and provided further that in no event shall such costs exceed the aggregate sum of Three Thousand Five Hundred Dollars ($3,500.00), without the express consent and approval of First Party.

B. First Party shall grant to Second Party an option to repurchase from First Party an interest, not to exceed Sixty-Six and Two-Thirds Percent (66 2/3%), in said Lease and Option to Purchase for the nominal sum of Five Hundred Dollars ($500.00); Provided, however, that such option shall be exercised by Second Party within six (6) months from the date hereof.

V.

All of the rights and duties of the parties hereto as set forth herein, shall be binding upon and inure to the

benefit of the heirs, assigns and legal representatives of said parties. Either party shall have the right to sell, transfer and assign all or any part of its rights and duties herein defined to any other person or corporation.

VI.

This agreement shall be terminable at the election of either party by notice in writing, delivered to the other party ten days prior to the effective date of termination; provided, however, that such termination shall not excuse or relieve First Party from the obligation to reimburse Second Party for such costs as Second Party shall have incurred pursuant to Paragraph IV (a) hereof prior to the said effective date of termination.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands the day and year first above written.

[illegible]
First Party

NEW YORK EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION

By _____
Second Party

LEASE AND OPTION TO PURCHASE

THIS INDENTURE OF LEASE WITH OPTION TO PURCHASE, made and entered into at Elko, Nevada, this 29th day of April 1948, by and between ALADDIN MINES COMPANY, a Nevada Corporation, party of the first part, hereinafter called "SELLER" and JOHN E. WHALEN and J. BENJAMIN PARKER, of Reno, Nevada, parties of the second part, hereinafter called the "BUYER".

W I T N E S S E T H:

WHEREAS, Seller is the owner of that certain mining property known as the ALADDIN MINE, located in the Railroad Mining District, Elko County, Nevada, and more particularly described as follows:

NORTAL	DIKE NO. 7	[illegible]
NORTAL FRACTION	DIKE NO. 8	[illegible] LODE
WHITEPAWS	DIKE NO. 9	[illegible]
EAGLE	DIKE NO. 11	[illegible]
NEVADA	TRIPOLI EAST	[illegible]
KEN	TRIPOLI	[illegible] FRACTION
MERCHANT	PEX BLUE	[illegible]
DIKE NO. 1	[illegible]	
DIKE NO. 2	SNOWBIRD	
DIKE NO. 3	NORTHAM FRACTION	
DIKE NO. 4	[illegible] KING	
DIKE NO. 6	LAST CHANCE	

Abstract of title of above properties may be inspected by the Buyers at any convenient time. Abstract of title to be delivered upon final payment of amount subsequently appearing herein.

TOGETHER with all the dips, spurs and angles, and also all the metals, ores, (metallic and non-metallic), rock and earth showing and all the rights, privileges and franchises thereto incident, appurtenant and appurtenant, or thereafter usually had and enjoyed, and, also all and singular the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining, and the rents, issues and profits thereof.

AND WHEREAS, Buyers are desirous of securing a lease with option to purchase all of the aforesaid mining property upon the terms and conditions hereinafter set forth.

NOW THEREFORE, THIS INDENTURE WITNESSETH:

That Seller, for and in consideration of the sum of ONE DOLLAR ($100), current lawful money of the United States, to him in hand paid by the Buyers, the receipt whereof is hereby acknowledged, and for and in the further consideration that the covenants and conditions as hereinafter undertaken to be kept and performed by said Buyers will be kept and performed, hereby covenants and agrees as follows, to-wit:

1. The total consideration and purchase price of said mine is the sum of FOUR HUNDRED THOUSAND & NO/100 DOLLARS ($400,000.00), to be paid in full on or before ten (10) years from date of this instrument, payable however, in royalties in the manner hereinafter described. No interest shall be charged upon the unpaid balance of said purchase price. If royalties do not complete purchase payment, it is then agreed that this lease and option be lengthened another ten years.

2. Seller agrees, at Buyers' expense, to deposit with Nevada Bank of Commerce at Elko, Nevada, an Abstract of Title of said mine, and to show a good and merchantable title, free and clear of all liens and encumbrances. The equitement claims to be conveyed shall be subject, however, to the paramount title of the United States.

Seller further agrees that upon payment in full of the aforesaid purchase price of FOUR HUNDRED THOUSAND & NO/100 DOLLARS ($400,000.00) to instruct said Nevada Bank of Commerce of Elko, Nevada, to deliver to Buyers a valid and merchantable mining deed conveying said mined to Buyers, as set forth in the preceding paragraph.

3. Seller agrees that Buyers shall have the sole exclusive free use of all machinery, buildings, structures, equipment, maps, reports, records, and supplies now on or about said mine, and also free use of water, timber, wood, stone and rock; Seller further grants to Buyers all water, water rights, of

every kind and description, appurtenant to or used with or in connection with said mine; also all rights-of-way over all roads, trails, ditches, flumes, water lines, dam sites, and reservoir sites, and the right of ingress and egress to and from said mine.

4. Buyers, for and in consideration of the sum of ONE DOLLAR ($1.00), to them in hand paid by said Seller, the receipt of which is hereby acknowledged, and for and in the further consideration that the covenants and conditions as herein undertaken to be kept and performed by the Seller will be kept and performed, covenants and agrees as follows, to-wit:

A. That upon the execution of this instrument, Buyer will (as further set forth) enter into possession of said mining premises and will commence actual work upon said mine and thereafter work said mine in a minerlike fashion, according to accepted standards of effective and sound mining, with due regard to the preservation of said mine and its further development as a workable mine. Said "work" may consist of surface and/or underground surveys and mapping, sampling and assays, geological studies, surface trenching, prospecting, exploration, development work, mining, milling refining, blocking out ore and such other work connected with any and all appurtenant requirements to perform said aforesaid work.

B. Buyers will, on or before May 15, 1966, commence work upon said mine as follows:

(1) Maintain not less than (1) watchman on the property at all times.

(2) Each year do not less than 6000 man-hours of work on the property;

(3) Buyers agree that during the continuance in force of this instrument that they will pay allproperty and bullion

taxes or other taxes of whatever kind or nature levied or assessed against said mining premises and/or against any and all improvements, tools, machinery or equipment constructed or placed on said mining premises. It is understood that the Buyers assume full obligation to pay all taxes of whatever kind or nature levied after this date, but that Seller, for his protection, may pay all or any of said taxes prior to delinquency and if he does pay any taxes, Buyers agree to promptly reimburse Seller.

(4) Buyer agrees to keep said premises and every part thereof at all times free and clear of all mechanics, miners' and/or other labor liens and encumbrances of every other nature and description and to pay all indebtedness and liabilities incurred by the Buyers which may or might become a lien on said premises before said indebtedness and/or liability shall become a lien, and to post and to keep posted in not less than three conspicuous places upon the demised premises notice that the interest of the Seller therein shall not be subject to any lien for service, labor or materials furnished upon or used in connection with this instrument or said mine by the Buyers, said notice to be on behalf of and in the name of the Seller.

(5) Buyers will do or cause to be done the necessary assessment work on the unpatented claims on or before May 15th of each year and advise the Seller to that effect in order that the necessary record thereof may be made.

(6) Buyers agree to assume all responsibility for, and to save Seller harmless from, any and all accidents to themselves or any of their employees, sub-lessees, licensees, agents or associates upon the demised premises and to post, and at all times to keep posted upon the premises a conspicuous notice in the name and on behalf of the Seller, stating in substance that the Seller will not be liable for any damage on account of any accident or accidents.

(7) Buyer shall furnish Seller, during life of this lease, an annual statement of account showing all disbursements of every kind and character made in connection with the development and/or operation of said mining premises, or any part thereof, and said books of account shall once each year be open to examination by the Seller or his duly authorized agent, and the Seller is hereby given full and free right to make a copy of said books of account or any portion thereof.

(8) Buyers agree to permit Seller, or his duly authorized agents or representatives, at Seller's sole risk and responsibility, as often as desired, at any reasonable hours, (a) to enter upon and visit all parts of said leased premises whether now or later constructed, and maintained thereon, for the purpose of taking samples and of observing whether the terms of this instrument are being fully and faithfully complied with by the Buyers; (b) to take samples from any ores waiting milling, reduction or treatment, or in place; and (c) to have surveys made of the workings, whether under or above ground, or both, and the Buyers further agree to furnish Seller, as and when requested by said Seller, a copy of blueprints of all surveys or maps made by the Buyers and generally to facilitate in every way such inspections, surveys and samplings, as above provided, and to furnish Seller, or his duly authorized agent then requested, full, true and accurate information not heretofore furnished with regard to the condition of the workings, or any part thereof.

(9) All royalty payments are to apply on the purchase price and are to be made as follows:

Ten percent (10 %) of net smelter returns, or by other purchaser, of any mineral or product sold by Buyers from said demised premises. Net returns shall mean the price paid by the

"smelter" or other purchaser of said minerals or product sold, without any deduction therefrom for transportation of any nature whatsoever, or ship charges. Smelter or other purchaser to be instructed by Buyers to transmit Seller's proportion as hereinafter set forth. Duplicate copy of smelter returns to be furnished Seller. Buyer shall instruct smelter or other purchaser of any mineral for each lot/pulp of each lot to Seller.
product to furnish

(9) Seller agrees to give Buyer semi-annual receipt for royalties received during period.

(10) Buyers agree to ship all ores, concentrates, or other saleable products in the name of ALMONDE MINES COMPANY (BAILEY & PARKER LEASE).

(11) Buyers agree during the life of this instrument to comply with all of the laws of the United States and the State of Nevada with reference to the employment and payment of persons employed by Buyers upon said mining premises and agree to carry Workmen's Compensation Insurance on all workmen employed upon said mining premises in some responsible company doing business within the State of Nevada, satisfactory to Seller, and to pay the premiums thereon; it being expressly understood that Seller is not the employer of any workmen or any other person employed or to be employed upon said mining premises, and Seller is not and will not be responsible in any degree for any personal injury suffered or to be suffered by any employee within the time or scope of his employment as construed by the Nevada Industrial Commission.

(12) Each and every agreement, covenant, term or condition herein contained, on the part of the Buyers to be kept or performed, shall be kept and it is hereby made a condition of this instrument, but in the event that Buyers shall fail to

keep or perform any covenant, covenant, term or condition herein set forth, and Seller desires to terminate this instrument because of said violation, Seller may give Buyers written notice, by registered mail, of the violation complained of by Seller, said notice to be mailed to Buyers and if such violation or default is not removed or corrected within (90) ninety days after date of mailing of said notice, then this instrument, at the election of Seller, may thereupon be terminated. In the event of such termination, as herein provided for, Buyers agree to surrender and deliver possession of said mine to Seller within the time provided for herein.

(13) Buyer shall have the right to abandon this agreement at any time upon ten (10) days written notice to Seller by registered mail, without prejudice.

(14) In case of surrender by Buyers as described in paragraph (12) hereof, then, and in such event, Seller may, at his option, with written notice to Buyers expel, remove and put out Buyers from the possession of said mine. However, such termination shall not release the Buyers under the provisions hereof.

(15) In the event of termination of this instrument for any reason, including the abandonment or surrender of said mine as herein provided, Buyers shall have the right to remove from said mine all personal property of any kind, character or description, whether affixed to the reality or not, with the sole exception of timber in place underground, steel, steel ties and underground pipe used for pumping water from underground workings and for the delivery of air. Buyers must remove all of said property within one hundred and eighty (180) days from date of termination or abandonment of this instrument.

(16) Buyers agree to stockpile ores mined having an insufficient value to warrant shipment to smelter or custom mill, so that said ore can readily be realized.

IT IS MUTUALLY AGREED AND UNDERSTOOD between Seller

and Buyers that operations under this instrument are subject to acts of God, war, insurrection and acts of the public enemy, and discontinuance under any of these conditions shall not operate as a forfeiture of this agreement, or be considered as a violation of the covenant to work said mine as heretofore provided.

Seller represents that he holds a bond and lease Agreement from the Thurber Estate Corporation covering the Thurber Estate property in the Railroad Mining District. Buyers agree to abide by the terms of the said Thurber bond and lease Agreement, copy of extension being attached as EXHIBIT "A" and is made apart hereof.

IT IS FURTHER MUTUALLY AGREED BY and between Seller and Buyers, that in the case of a dispute or disagreement which the parties cannot settle, the matter shall be submitted for arbitration as follows:

Seller shall appoint one arbiter at his expense and Buyer shall appoint one arbiter at Buyers' expense, and these two shall appoint one third party, and the majority decision of the three arbiters shall govern the dispute. The third party is to be paid equally by both Seller and Buyers.

IT IS FURTHER MUTUALLY AGREED that on any ores, other than ores covered by this lease as belonging to the Aladdin Mines Company, be transported through their development tunnel, the Buyers agree to pay a royalty on the net smelter returns to the Seller, amount of royalty to be mutually agreed upon by the parties hereto when such contingency arises. Payments under this paragraph shall not apply to the "Thurber" properties as long as they are under bond & lease to Seller.

Time is the essence of this instrument.

Whenever notice is required under the terms of this instrument, letters addressed, properly stamped, registered and mailed with the following addresses thereon shall be considered proper notice:

TO WITH: John H. Thelde and J. Benjamin Parker
P. O. Box 347
Reno, Nevada

aMCo by SED JBP JAV aMCo by WMW

aMCo by SED JBP JAV aMCo by WMW

To Seller:

Aladdin Mines Company
c/o Stanley Davis, Sec.-Mgr.
P. O. Box 2221
Reno, Nevada

This instrument shall be binding upon and inure to the benefit of the heirs assigns and legal representative of Seller and Buyers hereto. Buyers have the right to sell, transfer and assign this instrument to any other party or corporation.

IN WITNESS WHEREOF the parties hereto have executed this agreement the day and year first above shown.

ALADDIN MINE COMPANY

S.F. Davis
Secretary

W.M. Weathers
President

John H. Uhalde

J. Benj. Parker
Buyers

STATE OF NEVADA, }
COUNTY OF ELKO. } SS.

On this 19th day of April, 1900, personally appeared before me, the undersigned, a Notary Public in and for the County and State aforesaid, W. M. Weathers, known to me to be the president of the corporation that executed the foregoing instrument, and upon oath did depose and say:

That he is the officer of said corporation as above designated; that he is acquainted with the seal of said corporation, and that the seal affixed to said instrument is the corporate seal of said corporation; that the signatures to said instrument were made by the officers of said corporation as indicated after their signatures; and that the said corporation executed the same instrument freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

F. Grant Sawyer
NOTARY PUBLIC

STATE OF NEVADA. }
COUNTY OF WASHOE } SS.

On this 27th day of May, 1942, personally appeared before me, a Notary Public in and for the said County and State JOHN H. CHALLS and J. BENJAMIN PARKER, known to me to be the persons described in and who executed the foregoing instrument, who acknowledged to me that they executed the same freely and voluntarily and for the uses and purposes therein mention.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Clarence H. Patten
NOTARY PUBLIC

STATE OF NEVADA }
COUNTY OF WASHOE } SS.

On this 27th day of May, 1942, personally appeared before me, a Notary Public, in and for the County of Washoe, S. H. JEVIS, known to me to be the Secretary of ALAMIN MINES COMPANY, the corporation that executed the foregoing instrument, and upon oath he did depose and say that he is the officer of said corporation as above designated; that the seal affixed to said instrument is the corporate seal of said corporation; that the signatures to said instrument were made by officers of said corporation as indicated after their said signatures; and that the said corporation executed the said instrument freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the County of Washoe, the day and year in this certificate first above written.

Clarence H. Patten
Notary Public

My Commission expires Jan 6th, 1953.

ASSIGNMENT OF LEASE

KNOW ALL MEN BY THESE PRESENTS:

That we, JOHN H. UHALDE and J. BENJAMIN PARKER, of Reno, Nevada, for and in consideration of TEN DOLLARS ($10.00) to us duly paid by LEAD AND COPPER MINES, INC., have sold and do hereby assign, transfer and set over to LEAD AND COPPER MINES, INC., a certain lease and option to purchase, dated the 29th day of April, 1949, with all and singular the premises therein mention and described together with the appurtenances.

To have and hold the same unto LEAD AND COPPER MINES, INC., its successors and assigns for and during all the rest and the remainder to come off and in the term of ten years mentioned in the said lease, subject to the rents, covenants and conditions contained in said lease.

IN WITNESS WHEREOF, we have hereunto set our hand this 1st day of May, 1952.

John H. Uhalde

J. Benj. Parker

STATE OF NEVADA, }
COUNTY OF WASHOE } ss.

On this 1st day of May, 1952, personally appeared before me, a Notary Public in and for the said County and State JOHN H. UHALDE and J. BENJAMIN PARKER, known to me to be the persons described in and who executed the foregoing instrument, who acknowledged to me that they executed the same freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

C. Clifton Young
Notary Public
My Commission Expires Jan. 10, 1955

DMEA-3005

Re: Item 5(d)

ENGINEERING DIVISION HEAD

F. T. Quiett and his staff operate New World's mining properties including iron, lead-silver and tungsten mines. Their experience will help you solve your operational and management problems. Also within this division is the contract diamond drilling department offering low cost, high speed diamond drilling.

His experience includes operation of placer properties, open pit and underground mines throughout the western states.

An engineering degree and a M.S. degree from the Colorado School of Mines constitute his formal education.

PERSONNEL

The key to successful mineral exploration is
ACCURATE INFORMATION
AT LOW COST

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bring you this information accurately and economically in the field of geology, geophysics and diamond drilling.

Experience gathered in hundreds of surveys on all types of mining and petroleum projects in many areas combined with years of specialized training guarantees to you information and facts which are completely reliable.

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CONSULTANTS

Foreign and Domestic

Geology Geophysics

Mine Management

Contract Diamond Drilling

Phone 2-8213

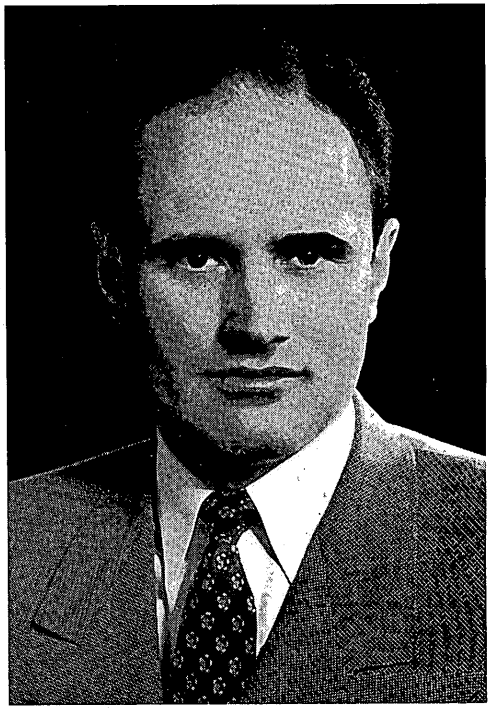
Box 1206 Reno, Nevada

GEOLOGY DIVISION HEAD

Robert W. Decker and his staff handle all your exploration work in the geology field including literature surveys, reconnaissance examinations, geology surveys, sampling, evaluations and recommendations.

His experience in exploration geology extends from iron exploration in Venezuela to mineral and petroleum exploration in Nova Scotia, Canada, Pennsylvania, Oklahoma and the western states.

Behind this experience is a solid academic background with B.S. and M.S. degrees from Massachusetts Institute of Technology and a D.Sc. degree from the Colorado School of Mines.



GEOPHYSICS DIVISION HEAD

Russ Miller and his staff conduct all geophysical surveys recommended by the combined techniques. These surveys utilize magnetic, electrical, gravity and geochemical methods.

His experience includes exploration geophysics throughout the western states.

His academic background includes a B.S. degree from Massachusetts Institute of Technology and advanced geophysical work at Colorado School of Mines.

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