Exploration

MAR 13 1952

Mr. E. R. Moody, Secretary
Queen of Hills Mining Company
514 First Security Bank Building
Salt Lake City, Utah

Re: Docket No. DMA 1575X - Tungsten
Queen of Hills Mining Co. property
Millard County, Utah

Dear Mr. Moody:

This is in reply to your letter of March 3, 1952, in which you request a re-examination of the subject property.

We cannot reconcile any of the information available to us with the widths, lengths, and grades of ore you contend are present.

We suggest that you submit supporting evidence of your contentions regarding the ore in the form of a map showing the geology of an area that contains grades and widths of tungsten ore similar to those you report. The map should also show where a reasonable amount of channel sampling has been done, accompanied by sample widths and grades, that may be checked in the field if necessary. When we receive this information we shall gladly reconsider your request for a re-examination.

Sincerely yours,

C. O. Mittenderf

Acting Administrator
Defense Minerals Exploration
Administration

GCSelfridge:ls
3/11/52

cc: Admn. Reading File
Docket
G. C. Selfridge
Field Team, Region 4
R. W. Geehan, USBM
D. M. Lemmon, USGS

FEB 27 1952

DMA 1575 X-W

MEMORANDUM

TO: Mr. Tom Lyon, Director
Domestic Expansion Division, DMPA

Attention: Mr. Stanley Walker

FROM: Frank E. Johnson, Chairman SIGNED
Operating Committee, DMEA

SUBJECT: AB-31, Access Road Application
Queen of Hills Mining Company
Millard County, Utah
(Tungsten)

Reference is made to memorandum to J. H. East, Jr., Executive Officer, DMEA Field Team, Region IV, concerning the subject application, forwarded through the Operating Committee on January 12, 1952.

There are attached copies of memorandum dated February 10, 1952, from the Executive Officer, DMEA Field Team, Region IV, and report dated February 7, 1952, of Stephen R. Wilson, who made the Field investigation.

Attachments (2)

FEJohnson/bih
2/26/52
cc to: Mails & Files
Admr's. Reading File
Messrs. Stanley Walker
Selfridge
FEJohnson
Operating Committee

FEB 2 8 1955

Mr. W. R. Moody, Secretary
Queen of Hills Mining Company
514 First Security Bank Building
Salt Lake City, Utah

Re: Docket No. DMA 1575X - Tungsten
Queen of Hills Mining Co. property
Millard County, Utah

Dear Mr. Moody:

This is to acknowledge receipt of your letter of February 18 regarding our letter to you of February 12, 1952.

We note that you have assumed that the subject exploration loan was denied because of the remoteness of the property. We wish to assure you that the denial was not based on remoteness but on the fact that all the geological information available to us indicated that there was little probability of making a significant discovery or development on the Queen of the Hills Mining Company property. Thus, we regret to inform you that our decision still stands.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

GCSelfridge:ls
2/25/52

cc: Admn. Reading File
Docket
Field Team, Region IV
G. C. Selfridge

FEB 12 1952

Mr. E. R. Moody, Secretary
Queen of Hills Mining Company
Box 1774
Salt Lake City, Utah

Re: Docket No. DMA 1575A - Tungsten
Queen of Hills Mining Company
Millard County, Utah

Dear Mr. Moody:

Your application for an exploration loan and other information referring to the subject property available to us in Washington have been carefully reviewed.

The information, while noting marginal ore in a relatively remote area, indicates that there is little probability of making a significant discovery.

We regret, therefore, to inform you that your application is denied.

We wish to thank you for the interest you have shown in the Defense Minerals Program.

Sincerely yours,

Acting Administrator
Defense Minerals Exploration
Administration

CLBrewer:ln
2/4/52

Copy to: Admn. Reading File
docket
Field Team, Region IV
R. W. Deehan, USBM
D. M. Lemmon, USGS
G. C. Selfridge
W. L. Brewer

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

February 5, 1952

Memorandum

To: George Selfridge, MEA

From: Robert H. Geehan, Bureau of Mines

Subject: Exploration Application
Queen of Hills Mining Company — MA 1575
Millard Co., Utah — Tungsten

It is recommended that the subject application be denied for the following reasons:-

1. Development of water in a placer deposit is not exploration.

2. The report from the Field Team indicates that the proposed work would not open up a workable tungsten deposit.

3. It seems probable that the work proposed could be replaced by a much less costly project that would cover preliminary exploration. Frankly, it seems that the Queen of Hills Company wants development, not exploration.

4. The management is obviously not "exploration minded", as is indicated by lack of samples in the placer area.

However, based on the data presented, I do not agree with the Field Team report regarding the value of 0.52 and 0.90 percent WO3 ore. An effort by MEA to provide a market for such ores in the Salt Lake City Area may bring results. Very tungsten deposits are working ore of this grade. It seems probable that the samples were from local "hot spots" indicated by panning, and that there is no indication that the exploration proposed would be in ore of this grade. It would be desirable to have some such remark in the report, if it is the case.

RHGeehan:ell: Robert H. Geehan

cc: Mr. Geehan
Mr. Katlin
Ferrous MEA
Files
Mr. Selfridge

February 4, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $100,000.00
Docket No. DMA 1575A - Tungsten
Queen of Hills Mining Company
Millard County, Utah

The subject application was denied by this Division for the following reasons:

1. Under Project A, the exploration loan herein applied for is essentially for the purpose of obtaining water and not for the purpose "of making a significant mineral discovery." Furthermore, the conclusions, geologically, as to the probability of tungsten production from the described placer ground are negative. From operating experience, the amount of water expected to be derived from the work done under this portion of the loan (15 gallons per minute) is much too small to operate even the smallest economical washing plant.

2. Projects B and C, considered together, show possibility of ore assaying probably slightly less than 1% WO_3. A high content of molybdenum is indicated by inspection and assay. There is no mill contemplated on the premises, and there is none available locally or within an economic hauling distance. The ore reserves which might be proven by the proposed work would be insufficient to justify the construction of a mill on the premises.

3. The applicant does not have sufficient mining and milling experience to enable him to carry out the objectives of the project in a workmanlike manner consistent with good mining practice.

4. The Field Team recommends denial and we concur with the decision.

Q.L.Brewer:ls
4/2/52

Copy to: Admn. Reading File
Docket
Q. L. Brewer
G.C.Selfridge

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

George Selfridge, DMEA

January 15, 1952

D. M. Lemmon, USGS

Field report on application of
Queen of Hills Mining Co.
Amasa Valley, House Range,
Millard County, Utah

DMS 1575 - Tungsten

The field examination showed that the proposals made by the applicant are poorly conceived, and that the applicant is not competent to conduct a mining venture. No evidence has been submitted that a workable tungsten placer exists on the property.

The printed prospectus submitted with the application suggests that the applicant's business is stock promotion rather than mining.

The examining engineer (R. L. Middleton, U.S.B.M.) recommends that the application be denied, and I concur with his recommendation.

D M Lemmon

DMLemmon:gt

Copies to: Director's read. file
Branch read. file

George Selfridge, D.M.E.A.

December 14, 1951

D. M. Lemmon, U. S. Geological Survey

Queen of Hills Mining Co.
Millard County, Utah

DMA-1575 Tungsten

An examination made by Mr. R. L. Middleton of the Bureau of Mines in October 1951 showed that the proposal has no merit.

The field team report recommends rejection of the application, a recommendation with which I heartily concur.

D. M. Lemmon

DMLemmon:gt

March 16/52

Mr. C. O. Mitheuday
Defense Minerals Exploration
Administration
Washington 25 D.C.

Re Docket No. DMA. 1575X
Tungsten - Queen of Hills
Mining Co;

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 20 1952

Dear Mr. Mitheuday:

I have your letter of march 13th at hand and I appreciate your reply and your open attitude concerning the property and project.

The Page Deposit in the Lime contacting the granite Pegmatite leased by Blake Thomas of Salt Lake city, Utah has been granted a development loan of $25,000.00 and this property is a North lateral pegmatite shoot off or North of our major great contact. They worked in a 8 ft tunnel here and averaged 1.35% ore in the last war by Selection - 40 car loads were shipped to the Salt Lake Stock pile - Now you will note that our surface dike matter by Middleton' report average 1.92% and one dike ran 4.59% and our gravel runs $7+ and $1 gold per yard.

I shall be only too happy to submit engineer reports and a map showing the Hodad gravel along with pictures of the area.

I note by the state paper that Reva Bozone Utah Congress lady has indicated the feeling of your department not to stock pile but we establish small milling units in favorable areas. The one great issue in this Country is the European and Oriental appropriations and our domestic situation goes lagging - Appropriate for foreign Aid - Yes and then let it be our policy to double and redouble for our own Private growth of Industry and our own Country's Need.

I have ridden over vast areas of the West and mining areas of Utah - we lie in the center of long extended old granite intrusions and Pioche limestone and I just can't after 25 years of travel and visits in this area let a meager report go as a finality on this great bedding of ore. I shall mail the other in a few days that is requested.

Sincerely, E. L. Moody, Sec;

400

FILE COPY
SURNAME:

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

Selfridge

MAR 13 1952

Mr. E. R. Moody, Secretary
Queen of Hills Mining Company
514 First Security Bank Building
Salt Lake City, Utah

Re: Docket No. DMA 1575X - Tungsten
Queen of Hills Mining Co. property
Millard County, Utah

Dear Mr. Moody:

This is in reply to your letter of March 3, 1952, in which you request a re-examination of the subject property.

We cannot reconcile any of the information available to us with the widths, lengths, and grades of ore you contend are present.

We suggest that you submit supporting evidence of your contentions regarding the ore in the form of a map showing the geology of an area that contains grades and widths of tungsten ore similar to those you report. The map should also show where a reasonable amount of channel sampling has been done, accompanied by sample widths and grades, that may be checked in the field if necessary. When we receive this information we shall gladly reconsider your request for a re-examination.

Sincerely yours,

C. O. Mittendorf (for) J.N. 3-13-52

Acting Administrator
Defense Minerals Exploration
Administration

GCSelfridge:ls
3/11/52

cc: Admn. Reading File
Docket
G. C. Selfridge
Field Team, Region 4
R. W. Geehan, USBM
D. M. Lemmon, USGS

EDGAR ROLLO MOODY
SECRETARY AND TREASURER
DELTA, UTAH

DONALD MURWIN MOODY
GENERAL MANAGER AND DIRECTOR
DESERET, UTAH

GEORGE WILLIAM EVANS
ASSISTANT TREASURER AND DIRECTOR
LAYTON, UTAH

OFFICERS AND DIRECTORS

JAMES EDWARD ELLISON
PRESIDENT
LAYTON, UTAH

EMERALD LESTER MOODY
VICE PRESIDENT
DELTA, UTAH

W. ALLEN PELTON
DIRECTOR
SALT LAKE CITY, UTAH

LEONARD PARKER LITTELL
DIRECTOR
SALT LAKE CITY, UTAH

MILTON WARD MOODY
DIRECTOR
DELTA, UTAH

1906

Queen of Hills Mining Company

A UTAH CORPORATION

514 FIRST SECURITY BANK BUILDING
SALT LAKE CITY, UTAH

March 3/52

Re. Docket No. DMA 1575X
Tungsten

Mr. C. Mutterday,
Washington, D.C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 6 1952

Dear Sir:

I have your letter at hand indicating it was not the remote area but lack of geologic knowledge furnished of the area that caused a denial decision to to reached about Queen of Hills Tungsten possibilities.

Months passed before this action came and our whole mining American world itself has been decidedly in critical analysis of our metallic Domestic situation - We don't try to tell you men who have been chosen how things should be done - but we do know that from Commercial expert engineer's reports our area for tungsten is worthy of immediate

EDGAR ROLLO MOODY
SECRETARY AND TREASURER
DELTA, UTAH

DONALD MURWIN MOODY
GENERAL MANAGER AND DIRECTOR
DESERET, UTAH

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ASSISTANT TREASURER AND DIRECTOR
LAYTON, UTAH

OFFICERS AND DIRECTORS

JAMES EDWARD ELLISON
PRESIDENT
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W. ALLEN PELTON
DIRECTOR
SALT LAKE CITY, UTAH

LEONARD PARKER LITTELL
DIRECTOR
SALT LAKE CITY, UTAH

MILTON WARD MOODY
DIRECTOR
DELTA, UTAH

Queen of Hills Mining Company

A UTAH CORPORATION

514 FIRST SECURITY BANK BUILDING
SALT LAKE CITY, UTAH

(2)

assistance for a flotation project backed
Not by $20,000 but by a good workable
basis of what we ask a 25,000 against
Govt; assistance of 75,000 matching of 100,000
project into a second Bingham or Ruth Open
Pit Area not Copper, lead or Zinc but Tungsten
Titanium & rare black sands Project to help
our badly needed domestic supply.
The Govt; field man who wrote his report
which minimized the importance of this
Great magma Tungsten flow ~~Shelby~~ knew
little of such flows & Contacts — Our
area Covers into a Zone of 6 to 9 miles square
impregnated with Tungsten along a geologic
structure running in line with Tintic mine
area of Utah and Pioche Nevada structure —
The dikes cutting along the Great Granite
intrusions form beddings in the lime
from 6 to 36 feet wide even on the surface

EDGAR ROLLO MOODY
SECRETARY AND TREASURER
DELTA, UTAH

DONALD MURWIN MOODY
GENERAL MANAGER AND DIRECTOR
DESERET, UTAH

GEORGE WILLIAM EVANS
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DIRECTOR
SALT LAKE CITY, UTAH

MILTON WARD MOODY
DIRECTOR
DELTA, UTAH

Queen of Hills Mining Company

A UTAH CORPORATION

514 FIRST SECURITY BANK BUILDING

SALT LAKE CITY, UTAH

(2)

running along distances from a mile to 1½ miles in length & the West fault Zones show a depth of these limestone bedding of at least 5000 feet ~~depth~~ exposed by upliftment & faulting exposures.

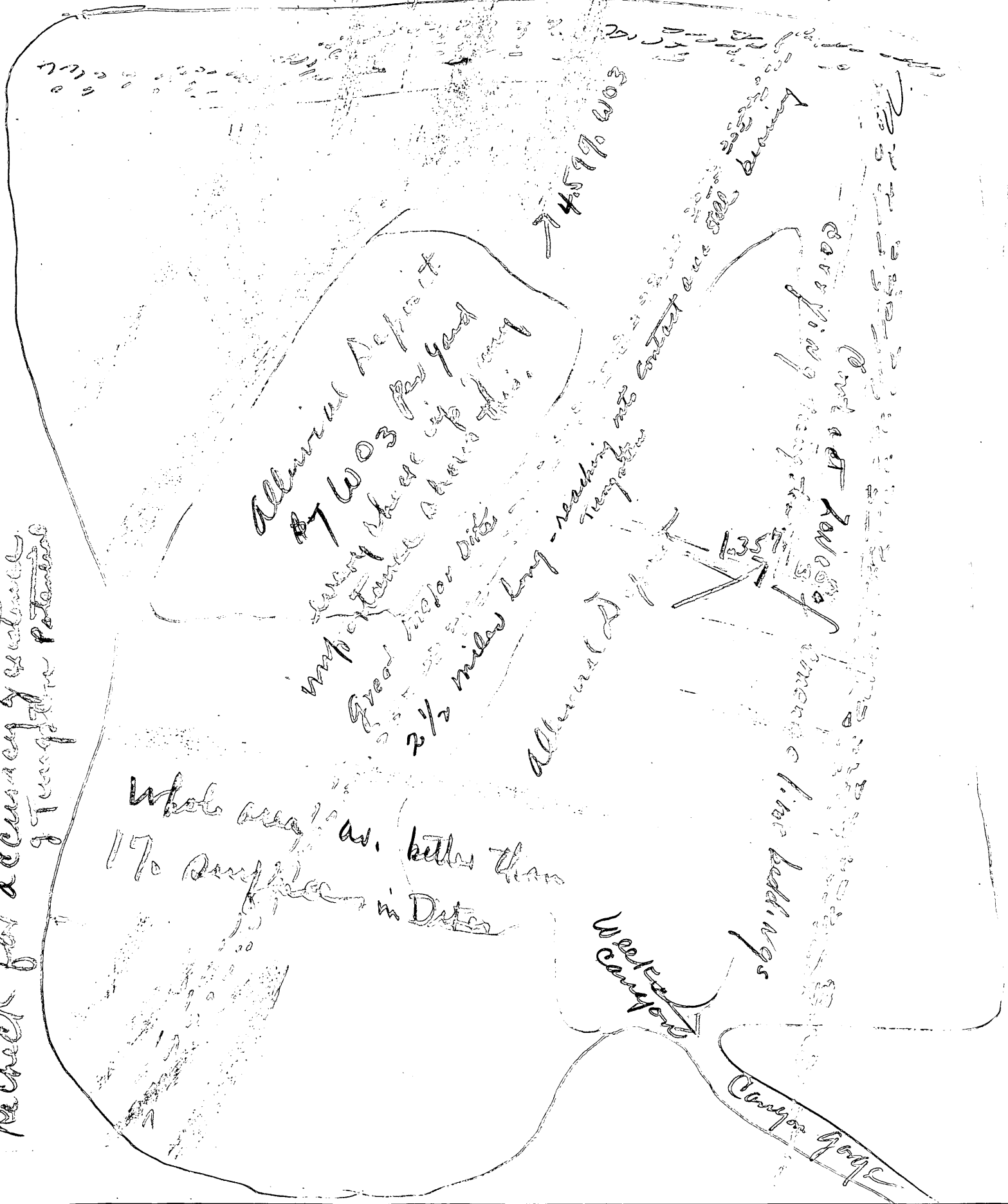
We cannot accept your finality Note when we know what we do & the dates Av. 1.92 % Tungsten from Assay tests along with $7 WO3 in the Gravel for gold and Potential Bodies of Tungsten that will take years to deplete by any average daily run of 100 Tons daily.

Kindly see to it that from your office comes a New request that a Geologic engineer of repute visit this area & affirm what we declare by 25 years of constant area contacts that some of us have personally made over this wide expanse. We still seek your help.

Yours very truly

E.R. Moody, Sec.

Bless indicate Temp. Tow[illegible] behind
None in this wide appearance
[illegible]



400
FILE COPY
SURNAME:

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

Selfridge

FEB 26 1952

Mr. E. R. Moody, Secretary
Queen of Hills Mining Company
514 First Security Bank Building
Salt Lake City, Utah

Re: Docket No. DMA 1575X - Tungsten
Queen of Hills Mining Co. property
Millard County, Utah

Dear Mr. Moody:

This is to acknowledge receipt of your letter of February 18 regarding our letter to you of February 12, 1952.

We note that you have assumed that the subject exploration loan was denied because of the remoteness of the property. We wish to assure you that the denial was not based on remoteness but on the fact that all the geological information available to us indicated that there was little probability of making a significant discovery or development on the Queen of the Hills Mining Company property. Thus, we regret to inform you that our decision still stands.

Sincerely yours,

C. O. Mittendorf (for) 2/26

Acting Administrator
Defense Minerals Exploration
Administration

GCSelfridge:ls
2/25/52

cc: Admn. Reading File
Docket
Field Team, Region IV
G. C. Selfridge

EDGAR ROLLO MOODY
SECRETARY AND TREASURER
DELTA, UTAH

DONALD MURWIN MOODY
GENERAL MANAGER AND DIRECTOR
DESERET, UTAH

GEORGE WILLIAM EVANS
ASSISTANT TREASURER AND DIRECTOR
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DIRECTOR
SALT LAKE CITY, UTAH

LEONARD PARKER LITTELL
DIRECTOR
SALT LAKE CITY, UTAH

MILTON WARD MOODY
DIRECTOR
DELTA, UTAH

Queen of Hills Mining Company

A UTAH CORPORATION

514 FIRST SECURITY BANK BUILDING

SALT LAKE CITY, UTAH

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 19 1952

Feb. 18, 1952

Re: Docket No. D.M.A.
1575 - Tungsten
Queen of Hills Mining Co.

Department of Interior
Defense minerals adm.
Washington 25 D.C.

Dear Sirs:

Here we go again, we apply, await 8 months for an answer & recieve word — denied — too remote an area. Now we will not accept such a decision if we have to carry this application to every significant branch + State Senator & Representative.

An area, new, partially surveyed in Utah - Magna Tungsten flow, free milling ore, covers 6 miles radius — Bedding extended 5700 feet long 6' to 12' to 30' wide — This is not important to this Nation. Perhaps Korea Tungsten is. Our av. dike free milling ore of 1.92% and some 4.59% with alluvial deposits running better than $7 in Sheelite $1.77 in gold per yard — yet too remote — too unimportant for exploration. We demand that a thorough investigation be made Now without delay on this area in the name of U.S. Citizenship

Yours very truly,
E. R. Moody Sec.

400

FILE COPY
SURNAME:

Selfridge.

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

Dma 1595

Hon. Wallace F. Bennett
United States Senate
Washington, D. C.

Dear Senator Bennett:

In compliance with the telephone request from your office on February 8, there is sent you herewith a copy of our letter of February 12, 1952, to Mr. E. E. Moody, advising that the application of the Queen of Hills Mining Company for an exploration loan has been denied.

Sincerely yours,

C. O. Mittendorf (fw) 2/14

Acting Administrator
Defense Minerals Exploration
Administrator

Enclosure

LScott
2/13/52

Copy to: Admn. Reading File
Docket
G. C. Selfridge

C
O
P
Y

February 12, 1952

Mr. E. R. Moody, Secretary
Queen of Hills Mining Company
Box 1774
Salt Lake City, Utah

Re: Docket No. DMA 1575X - Tungsten
Queen of Hills Mining Company
Millard County, Utah

Dear Mr. Moody:

Your application for an exploration loan and other information referring to the subject property available to us in Washington have been carefully reviewed.

The information, while noting marginal ore in a relatively remote area, indicates that there is little probability of making a significant discovery.

We regret, therefore, to inform you that your application is denied.

We wish to thank you for the interest you have shown in the Defense Minerals Program.

Sincerely yours,

Acting Administrator
Defense Minerals Exploration
Administration

FILE COPY
SURNAME:

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

Brewer
Selfridge
Geehan
Thayer
Hodges

FEB 12 1952

Mr. E. R. Moody, Secretary
Queen of Hills Mining Company
Box 1774
Salt Lake City, Utah

Re: Docket No. DMA 1575X - Tungsten
Queen of Hills Mining Company
Millard County, Utah

Dear Mr. Moody:

Your application for an exploration loan and other information referring to the subject property available to us in Washington have been carefully reviewed.

The information, while noting marginal ore in a relatively remote area, indicates that there is little probability of making a significant discovery.

We regret, therefore, to inform you that your application is denied.

We wish to thank you for the interest you have shown in the Defense Minerals Program.

Sincerely yours,

C. O. Mittendorf (for) 2-12-52

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer:ls
4/2/52

Copy to: Adm. Reading File
docket
Field Team, Region IV
R. W. Geehan, USBM
D. M. Lemmon, USGS
G. C. Selfridge
Q. L. Brewer

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

February 5, 1952

Memorandum

To: George Selfridge, DMEA

From: Robert W. Geehan, Bureau of Mines

Subject: Exploration Application
Queen of Hills Mining Company — DMA 1575
Millard Co., Utah — Tungsten

It is recommended that the subject application be denied for the following reasons:-

1. Development of water to work a placer deposit is not exploration.

2. The report from the Field Team indicates that the proposed work would not open up a workable tungsten deposit.

3. It seems probable that the work proposed could be replaced by a much less costly project that would cover preliminary exploration. In general it seems that the Queen of Hills Company wants development, not exploration.

4. The management is obviously not "exploration minded", as is indicated by lack of samples in the placer area.

However, based on the data presented, I do not agree with the Field Team report regarding the value of 0.52 and 0.90 percent WO_3 ore. An effort by DMPA to provide a market for such ores in the Salt Lake City Area may bring results. Many tungsten deposits are working ore of this grade. It seems probable that the samples were from local "hot spots" indicated by lamping, and that there is no indication that the exploration proposed would be in ore of this grade. It would be desirable to have some such remark in the report, if it is the case.

Robert W. Geehan

Robert W. Geehan

FILE COPY
SURNAME:

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

Brewer
Selfridge
Gerhard

February 4, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $100,000.00
Docket No. DMA 1575X - Tungsten
Queen of Hills Mining Company
Millard County, Utah

The subject application was denied by this Division for the following reasons:

1. Under Project A, the exploration loan herein applied for is essentially for the purpose of obtaining water and not for the purpose "of making a significant mineral discovery." Furthermore, the conclusions, geologically, as to the probability of tungsten production from the described placer ground are negative. From operating experience, the amount of water expected to be derived from the work done under this portion of the loan (15 gallons per minute) is much too small to operate even the smallest economical washing plant.

2. Projects B and C, considered together, show possibility of ore assaying probably slightly less than 1% WO_3. A high content of molybdenum is indicated by inspection and assay. There is no mill contemplated on the premises, and there is none available locally or within an economic hauling distance. The ore reserves which might be proven by the proposed work would be insufficient to justify the construction of a mill on the premises.

3. The applicant does not have sufficient mining and milling experience to enable him to carry out the objectives of the project in a workmanlike manner consistent with good mining practice.

4. The Field Team recommends denial and we concur with the decision.

George C. Selfridge

Q.L.Brewer:ls
4/2/52

Copy to: Admn. Reading File
Docket
G.C.Selfridge
Q. L. Brewer

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

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

February 4, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $100,000.00
Docket No. DMA 1575X - Tungsten
Queen of Hills Mining Company
Millard County, Utah

The subject application was denied by this Division for the following reasons:

1. Under Project A, the exploration loan herein applied for is essentially for the purpose of obtaining water and not for the purpose "of making a significant mineral discovery." Furthermore, the conclusions, geologically, as to the probability of tungsten production from the described placer ground are negative. From operating experience, the amount of water expected to be derived from the work done under this portion of the loan (15 gallons per minute) is much too small to operate even the smallest economical washing plant.

2. Projects B and C, considered together, show possibility of ore assaying probably slightly less than 1% WO_3. A high content of molybdenum is indicated by inspection and assay. There is no mill contemplated on the premises, and there is none available locally or within an economic hauling distance. The ore reserves which might be proven by the proposed work would be insufficient to justify the construction of a mill on the premises.

3. The applicant does not have sufficient mining and milling experience to enable him to carry out the objectives of the project in a workmanlike manner consistent with good mining practice.

4. The Field Team recommends denial and we concur with the decision.

G. C. Selfridge

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

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : George Selfridge, DMEA

DATE: January 15, 1952

FROM : D. M. Lemmon, USGS

SUBJECT: Field report on application of Queen of Hills Mining Co. Amasa Valley, House Range, Millard County, Utah

DMA 1575 - Tungsten

The field examination showed that the proposals made by the applicant are poorly conceived, and that the applicant is not competent to conduct a mining venture. No evidence has been submitted that a workable tungsten placer exists on the property.

The printed prospectus submitted with the application suggests that the applicant's business is stock promotion rather than mining.

The examining engineer (R. L. Middleton, U.S.B.M.) recommends that the application be denied, and I concur with his recommendation.

Dwight M. Lemmon

1 copy

George Selfridge, DMEA

January 15, 1952

D. M. Lemmon, USGS

Field report on application of
Queen of Hills Mining Co.
Amasa Valley, House Range,
Millard County, Utah

DMA 1575 - Tungsten

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The printed prospectus submitted with the application suggests that the applicant's business is stock promotion rather than mining.

The examining engineer (R. L. Middleton, U.S.B.M.) recommends that the application be denied, and I concur with his recommendation.

DM Lemmon

DMLemmon:gt

Copies to: Director's read. file
Branch read. file

George Selfridge, DMEA

January 15, 1952

D. M. Lemmon, USGS

Field report on application of
Queen of Hills Mining Co.
Amasa Valley, House Range,
Millard County, Utah

DMA 1575 - Tungsten

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The printed prospectus submitted with the application suggests that the applicant's business is stock promotion rather than mining.

The examining engineer (R. L. Middleton, M.E.M.E.) recommends that the application be denied, and I concur with his recommendation.

DM Lemmon

DMLemmon:gt

Copies to: Director's read. file
Branch read. file

1/14/52

To call

Sen. Bennett (Miss Garff) ✓ T.190, X2136

re DMA-1575 - Queen of the Hills Mining Co.
Salt Lake City. (Tungsten)

On Oct. 1 letter to Sen. Bennett said matter will be looked into re loan for this company.

Would keep Senator informed. Nothing further from us on it. What is status now?

In process the week

advise Selfridge

call Sen Bennett

According to telephone King this has been recommended for denial by field team but report has not been received in this office

Hook

Hold for denial

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : George Selfridge, D.M.E.A. DATE: December 14, 1951

FROM : D. M. Lemmon, U. S. Geological Survey

SUBJECT: Queen of Hills Mining Co. DMA-1575 Tungsten
Millard County, Utah

An examination made by Mr. R. L. Middleton of the Bureau of Mines in October 1951 showed that the proposal has no merit.

The field team report recommends rejection of the application, a recommendation with which I heartily concur.

Dwight M. Lemmon

D. M. Lammon

Mr. Holderer

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

AIR MAIL

Mr. J. H. East, Jr., Executive Officer
DMA Field Team Region IV
224 New Customhouse Bldg.
Denver 2, Colorado

Dear Sir:

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

Docket No. 1575

Commodity Tungsten

Applicant Queen of Hills Mining Company

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

Very truly yours,

Tom Lyon

Tom Lyon, Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

T. P. Thayer
For Geological Survey

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 7 1951

DMA-1575
Tungsten
Region IV

QUEEN OF HILLS MINING COMPANY. Property located in Millard County, Utah. $100,000 requested. 12/12/51
Field report denying application. To Examining Division.

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance 8/30/51

Field Referral

Docket No. 1575

Commodity Tungsten

Total Amount $100,000

Govt. Participation 75% $75,000

1. Name and Address of Applicant Queen of Hills Mining Company, 514 First Security Bank Bldg., Salt Lake City, Utah

2. Location of Property House Range, 60 miles southwest of Delta, Utah

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

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

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

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

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

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

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

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

a) Available manpower Yes

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

c) Accessibility (question 12)* Check

d) Water (question 13)* "

e) Power (question 13)* No transmission power

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

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Check — appears to be some doubt - judging by application

Is a field check needed on this point? Yes

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

a) Is the project adequately described? No

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

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

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

If not, what part of it is? Need revising completely by field team if deposit merits it.

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? Not well

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

e) Are the cost estimates reasonable? NO

f) Should more information be requested from applicant? Yes

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

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

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

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

c) Are rents and charges reasonable? Check

d) Is a field check needed? Yes

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

a) Are there sufficient data? NO

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

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

d) Are the proposed wages and salaries reasonable? Check

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? Check

b) Sufficient data? No

c) Reasonable?

d) Field check needed? Yes

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

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Determine if deposit merits an exploration loan and if so, give us your recommendations, and assist applicant to make the necessary exhibits. Applicants proposal needs complete revision.

AR-31 Mr. East has a copy of letter from applicant about his road conditions. Please include the road situation in your report.

This is referred to field on basis of merits report.
Also check:—
1. Determine value of gravels.
2. Water problem and cost of its solution.
3. Merits of washer to be used.
4. Possibility of exploration for lode deposits.
5. Competence of operator

Reviewed by: J. J. Ballard
Leo A. Holden
T P Thayer

Date 8/30/51

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

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

Mr. J. H. Hunt, Jr., Executive Officer
DMA Field Team Region IV
Old New Customhouse Building
Denver 2, Colorado

Dear Sir:

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

Docket No. 1575

Commodity Tungsten

Applicant Queen of Hills Mining Company

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

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

CC: DMA Docket File
Const. Gen.
Mr. Fulcher
Dup

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

Mr. J. H. East, Jr., Executive Officer
DMA Field Team Region IV
224 New Customhouse Building
Denver 2, Colorado

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Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

CC: DMA Docket File
Coord. Comm.
Mr. Holderer
Blue

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance 8/30/51

Field Referral

Docket No. 1575

Commodity Tungsten

Total Amount $100,000

Govt. Participation 75% $75,000

1. Name and Address of Applicant Queen of Hills Mining Company, 514 First Security Bank Bldg., Salt Lake City, Utah

2. Location of Property House Range, 60 miles southwest of Delta, Utah

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If not, application will be rejected.

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

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

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(question 5, 6, 7)*

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Does the lease have sufficient time to run to cover a future productive period?

*question numbers are those of MF-103

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a) MF-201?

b) MF-202

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

a) Available manpower Yes

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

c) Accessibility (question 12)* Check

d) Water (question 13)* "

e) Power (question 13)* No transmission power

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

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Check — appears to be some doubt — judging by application

Is a field check needed on this point? Yes

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

a) Is the project adequately described? No

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

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

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

If not, what part of it is? Need revising completely by field team if deposit merits it.

Is this part a worthwhile exploration project? _____

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e) Are the cost estimates reasonable? NO

f) Should more information be requested from applicant? Yes

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

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a) Is it applicable? Yes

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c) Are rents and charges reasonable? Check

d) Is a field check needed? Yes

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

a) Are there sufficient data? NO

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

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

d) Are the proposed wages and salaries reasonable? Check

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? Check

b) Sufficient data? No

c) Reasonable?

d) Field check needed? Yes

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

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Determine if deposit merits an exploration loan and if so, give us your recommendations, and assist applicant to make the necessary exhibits. Applicants proposal needs complete revision. Mr. East has a copy of letter from applicant about his road conditions. Please include the road situation in your report.

This is referred to field on basis of Hewitts report.
Also check:—
1. Determine value of gravels.
2. Water problem and cost of solution.
3. Merits of washer to be used.
4. Possibility of exploration for lode deposits.
5. Competence of operator

Reviewed by: J. J. Ballard
L. R. Holden

Date 8/30/51

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

List of File to Field

DMA 1575X Tungsten

1 MF-103 with typed answers, prospectus & Financial Stat.
1 Sketch
1 Copy letter Holderer to Moody 6/25/51
1 Letter Moody to DMA (no date) 8/22/51 (received)
1 Copy letter Holderer to Moody 8/10/51
1 MF-200 with attachments
1 Letter Stephen to Moody 6/14/51
1 Report by E. A. Hewitt 7/18/51

OFFICE OF THE ADMINISTRATOR

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

Agreed to loan Remarks 12/12/51 JHE

224 New Customhouse
Denver 2, Colorado

November 29, 1951

Memorandum

To: Executive Secretary, Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: Final Report, DMA Docket 1575, Queen of Hills Mining Company, applicant; Queen of Hills Placer Tungsten Claims, Millard County, Utah

1575

Enclosed herewith are the original and two copies of the report on the subject docket.

We concur with the conclusions and recommendations of the examining team that the exploration loan of $100,000 be denied.

The Brochure is enclosed.

for Paul Wallsman
J. H. East, Jr.

A. H. Koschmann
A. H. Koschmann

Enclosure

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 7 1951

Mining Division
Region IV

November 29, 1951

Memorandum

To: DMA Field Team, Region IV

From: Chief, Mining Division, Region IV

Subject: Final Report, DMA Docket 1575, Queen of Hills Mining Company, applicant; Queen of Hills Placer Tungsten Claims, Millard County, Utah

The application of the subject docket was for an exploration loan of $100,000.

The proposed exploration program consisted of (a) driving a 110 foot adit toward a fault zone for the purpose of developing water; (b) road construction, excavation of a portal site, and driving 225 feet of drift on a garnet-rich, igneous dike cutting a limestone-quartz-monzonite contact; and (c) road construction, excavation of a portal site, and 200 feet of drifting in a contact zone between limestone and quartz-monzonite.

In the area covered by the Queen of Hills Claim a limestone series has been intruded by quartz-monzonite. Pegmatite dikes cut both the limestone and the quartz-monzonite. The tungsten bearing minerals scheelite and powellite are found near the contact between the intrusive and the limestone. The placer deposits have been derived from weathering of quartz-monzonite and limestone.

Because of limited water in the area there is not any bed rock concentration in the placer deposit. The lode deposits are irregular in shape and mineralization. The sampling by the company to date of the placer deposits does not permit any basis for calculating the value per cubic yard. The lode deposits have not been developed and only a few tons of mineable ore available. Chip samples across two feet of the contact zones at "B" and "C" assayed 0.52 and 0.90 per cent tungsten trioxide respectively.

The examining engineer recommends denial of the loan, with which we concur.

W. H. King

W. H. King, for
P. T. Allsman

Mining Division
Date Rec'd.
NOV 26 1951
BUREAU OF MINES
Denver, Colorado

November 23, 1951

Memorandum

To: Paul T. Allsman, Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA 1575, Queen of Hills Mining Co., Millard County, Utah.

Enclosed are the original and 7 copies of the subject report with a section on Summary, Conclusions and Recommendations. The reports were prepared by R. L. Middleton, with no participation by the Survey.

I concur with the recommendations in the report.

The original brochure is attached.

Stephen R. Wilson

Enclosures - 3

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

By R. L. Middleton

The Queen of Hills Mining Co., with tungsten property in Amassa Valley, Millard County, Utah, has requested a DMA loan under Docket 1575. Investigation of the property was made during October 1951 by a Bureau of Mines engineer to evaluate the proposals contained in the loan application. The original application asked approval of a loan of $100,000. A revision was made, and the company indicated a matching loan of $16,879.50 would accomplish the proposed objectives.

Scheelite is found in both lode and placer deposits in the Amassa Valley area. The placer deposits have been derived from weathering of the surrounding quartz monzonite and limestone. Tactite zones at the contacts between the two rocks contain the lode scheelite.

Exploration as proposed by the manager of the Queen of Hills Mining Co. is divided into three separate projects. Project A consists of driving a crosscut 110 feet toward a fault zone to obtain sufficient water for recovery plant operation. Project B involves 500 yards of road construction, excavation by bulldozer at a drift portal site, and 225 feet of drifting along a contact zone containing scheelite. Project C consists of 500 yards of road construction, bulldozer portal site stripping, and 200 feet of drifting along a contact zone between quartz monzonite and limestone.

The management of the company contends that lack of water prevents commercial mining of the placer deposit. There is no evidence available

to indicate successful metallurgical treatment in a washing plant on the property, or reliable yardage and value per yard estimates. Any ores mined from exploratory projects B and C will average less than 1 percent WO_3 with no economic method of sale of the ores. The examining engineer does not believe the applicant to be qualified to conduct the proposed projects with good mining practice.

It is concluded that present conditions on the property do not justify an exploratory loan, and it is therefore recommended that the loan request be denied.

QUEEN OF HILLS MINING COMPANY
MILLARD COUNTY, UTAH
DMA-1575
Tungsten

Engineering and Geologic Report

By R. L. Middleton
Mining engineer
U. S. Bureau of Mines

QUEEN OF HILLS MINING COMPANY
MILLARD COUNTY, UTAH

CONTENTS

	Page
Engineering and geologic report	
Introduction	2
Acknowledgments	2
Location and topography	2
History and production	3
Ownership and extent	3
Geology	4
Description of the deposits	4
Minable ore reserves	5
Present status	5
Project proposals	6
Conclusions and recommendations	7

ILLUSTRATIONS

Fig. 1 Location map, Queen of Hills mine, Millard County, Utah

INTRODUCTION

A preliminary examination of the Queen of Hills mine property was made on October 11, 1951 by R. L. Middleton of the U. S. Bureau of Mines. The engineer was accompanied to the property by Don Moody, mine manager, and E. R. Moody, secretary and treasurer of the Queen of Hills Mining Company.

The examination was made regarding DMA Docket 1575, which asks approval of a $100,000 loan with government participation of $75,000. Because of difficulty in differentiating between exploration and production costs, as itemized by the Queen of Hills management, the loan application was revised. The company indicated a $16,879.50 loan would accomplish their exploration projects.

ACKNOWLEDGMENTS

Data obtained from Preliminary Examination and Road Report of the Mineral Valley Gold Mining Co. by S. D. Hendricks of the U. S. Bureau of Mines, was used in the preparation of this report.

LOCATION AND TOPOGRAPHY

The Queen of Hills property is in T. 17 S., R. 13 W., S.L.B.M., Millard County, Utah, 50 miles southwest of Delta, Utah (Fig. 1). The property is reached by traveling south from U. S. Highway 6 approximately 40 miles west of Delta. The next five miles of road is in fair condition and graveled; the last five miles is a poorly-maintained, steep, deep-rutted mountain road. A portion of the property, located as placer claims, covers Amassa Valley.

The mine area, at an altitude of 8,000 to 9,000 feet, is in a region of bold relief on the east slopes of the House Range. The igneous rocks are much jointed, and erosion along jointing planes has produced a perched-boulder effect. Limestone stands out in typical rim-rock topography.

Pinon pine and juniper trees are available on the property for mine timbers. A spring in Last Chance gulch affords a limited supply of water.

HISTORY AND PRODUCTION

The Queen of Hills mining property was acquired in 1951 by a consolidation of a group of unpatented lode and placer claims. The present management first developed the property as a gold placer, and the company was known as the Mineral Valley Gold Mining Co. The property is now being developed as a tungsten-gold mine. No production has been recorded. The Scheelite Queen mine, the adjacent property to the north, produced 1,700 tons of ores averaging 1.25 percent WO_3 during the period 1941-1944. The Klonkike property, two miles south, was explored by the Molybdenum Corp. of America. It is reported that this company found the tungsten mineralization to be too sporadic for favorable mine development.

OWNERSHIP AND EXTENT

The property consists of 52 unpatented lode and placer mining claims, and is owned by the Queen of Hills Mining Company, 514 First Security Bank Building, Salt Lake City, Utah.

GEOLOGY

The most significant geological occurrence in the area of the Queen of Hills property is the intrusion of the limestone sedimentary series by a granitic mass. The intrusion and subsequent faulting have formed the north-south axis of the House Range. The bluish-colored limestones strike generally north and south and dip at low angles to the east. The granitic rock, primarily quartz monzonite, is coarse-grained and highly jointed in a northwest direction. Several pegmatite dikes, probably differentiation products of the parent magma, cut the main intrusive and the older limestones. The contact zones between limestone and the intrusives are favorable for deposition of the tungsten-bearing minerals powellite and scheelite.

Tungsten occurs chiefly in close association with molybdenum, grading into powellite. This mineral is distinguished from the small amount of relatively pure scheelite by the predominantly yellow fluorescence when activated by ultra-violet light rays. The scheelite and powellite crystals are small and disseminated through the ore. Gangue minerals are epidote, garnet, calcite, and quartz. Erosion of these contact tungsten deposits has formed a limited yardage of placer material.

DESCRIPTION OF THE DEPOSITS

The placer deposits in Amassa Valley and Last Chance gulch have been derived from weathering of the surrounding quartz monzonite and limestones. The unstratified and semi-consolidated deposits are composed

of few water-washed fragments. These fragments, 6" to minus 1/4", have the appearance of decomposed, coarse-grained granitic rock. Powellite, scheelite and gold, which occur in the region, are found in small quantities in the placer deposit. Because of limited water classification, there has been no concentration of tungsten minerals along the bedrock.

The tungsten-bearing lode deposits which occur within the metamorphic contact zone of the quartz monzonite and limestone are irregular in shape and sporadic in mineralization. Mining of this type deposit would be on a small scale and selective.

MINABLE ORE RESERVES

The placer deposits have not been developed systematically, and therefore a reliable yardage estimate is not feasible. Haphazard sampling by the Queen of Hills management indicates the presence of gold and tungsten in the placer material, but the method of sampling permits no basis for calculating the value per yard.

The tungsten lode deposits have not been developed and only a few minable tons of ore are available.

PRESENT STATUS

A washing plant consisting of trommel feed hopper, automatic gravel feeder, trommel screen with 1/4-inch openings, and one Stephens concentrating table, is located on the lower portion of Last Chance gulch. The washing plant does not have a digging or tailings disposal

unit. The mine management contends that only the lack of water prohibits the mining of the placer deposit. There is no evidence that the washing plant has been successfully operated. During the spring run-off, sufficient water is available to operate the plant.

A small amount of trenching has been done on the tungsten lode deposits.

The property is equipped with a bunkhouse large enough to accommodate four to five persons.

PROJECT PROPOSALS

The exploratory program, as suggested by the manager of the Queen of Hills Mining Co., is divided into three projects, A, B, and C.

Project A

Proposed Project A, for exploration of the placer deposit, consists of driving a crosscut 110 feet toward a fault zone to obtain a sufficient water supply. Surface seepage indicates the fault zone is water-bearing. The crosscut has been advanced 67 feet and it is estimated 110 feet additional is necessary to cut the fault. If sufficient water is encountered, the company plans to close the portal of the crosscut and use the excavation for a water reservoir. The crosscut is approximately 4,000 feet west of the washing plant. Water will flow by gravity through a 4-inch pipe line to the plant, and it is estimated that a flow of 15 gallons per minute will be sufficient.

Project B

Proposed Project B, for exploration of a tungsten lode deposit, consists of 500 yards of road construction, excavation by bulldozer

at the drift portal site, and 225 feet of drifting. The exploration area lies two miles west of Amassa Valley, near the summit of Baldy Hill. A dark garnet-rich, igneous dike cuts the limestone and quartz monzonite contact with a strike of N. 32° W. and vertical dip. A two-foot chip sample across the dike assayed 0.52 percent WO_3 and 0.1 percent molybdenum. The portal of the proposed exploratory drift would be located at the sampled outcrop and driven in a westerly direction along the strike of the dike.

Project C

Proposed Project C for exploration of a tungsten lode deposit, 1½ miles south of Amassa Valley, consists of 500 yards of access road construction, bulldozer portal site stripping, and 200 feet of drifting. A two-foot chip sample cut normal to the contact zone of a quartz monzonite dike and limestone assayed 0.90 percent WO_3. It is this contact zone the Queen of Hills management wishes to explore by drifting 200 feet in a southerly direction. The dike strikes N. 18° E. and dips 28° E., and both the foot and hanging walls are in limestone.

CONCLUSIONS AND RECOMMENDATIONS

The exploratory program is divided into three projects, A, B, and C, and each is evaluated in turn.

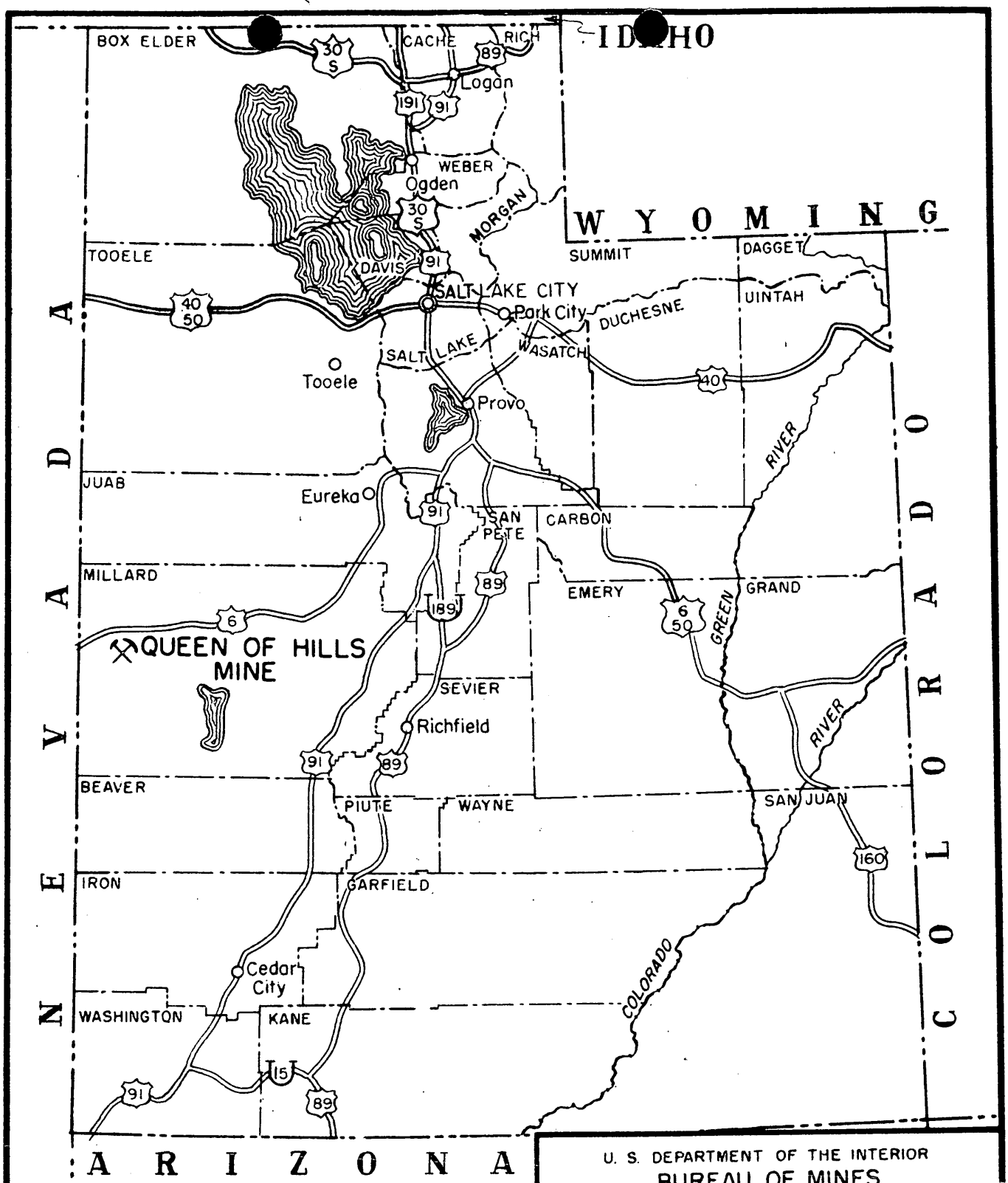
Exploration Project A consists of an exploratory drift to locate a water source. The Queen of Hills mine management contends only the lack of water prevents mining of the placer deposit and the production

of tungsten concentrates. The examiner does not agree with this because of lack of evidence supporting successful metallurgical treatment by the washing plant and the absence of reliable yardage and value per yard estimates. The Queen of Hills mine management showed no interest in a program of mapping, systematic sampling, and exploring the placer deposit. It is questionable that development of a source of water constitutes a mineral exploratory project. These adverse conditions preclude a favorable recommendation for Project A.

Exploratory Projects B and C are similar and are considered together. Sampling by the examiner and prospecting with an ultra-violet lamp confirm the presence of scheelite. The extent of the tungsten mineralization probably could be ascertained by the proposed exploratory projects. However, any ores mined will contain an average of less than 1 percent WO_3, with no economic method of sale of the ores. No tungsten mills are present in the area and the small anticipated tonnage is not sufficient to justify mill construction.

The examiner does not believe the applicant has had experience enough to conduct the proposed project with good mining and milling practice.

It is concluded that under present conditions the property does not have sufficient merit to warrant a loan, and it is therefore recommended that the loan be denied.



0 50 100
SCALE OF MILES

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 1 Proj. No.

Location Map

QUEEN OF HILLS MINE

MILLARD COUNTY, UTAH

ENGINEER: R. L. MIDDLETON DATE: NOV. 1, 1951

TRACED: OCT., 1951; A.P.T.S.

CHECKED:

700 - 170 - E

GAR ROLLO MOODY
ECRETARY AND TREASURER
ELTA, UTAH

ONALD MURWIN MOODY
GENERAL MANAGER AND DIRECTOR
DESERET, UTAH

GEORGE WILLIAM EVANS
ASSISTANT TREASURER AND DIRECTOR
LAYTON, UTAH

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

Nov 26 11 44 AM '51

OFFICERS AND DIRECTORS

JAMES EDWARD ELLISON
PRESIDENT
LAYTON, UTAH

EMERALD LESTER MOODY
VICE PRESIDENT
DELTA, UTAH

W. ALLEN PELTON
DIRECTOR
SALT LAKE CITY, UTAH

LEONARD PARKER LITTELL
DIRECTOR
SALT LAKE CITY, UTAH

MILTON WARD MOODY
DIRECTOR
DELTA, UTAH

Queen of Hills Mining Company

A UTAH CORPORATION

514 FIRST SECURITY BANK BUILDING
SALT LAKE CITY, UTAH

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 2 0 1951
Defense Minerals Administration,
Production Expansion Division.

DMa.-1575-X Tungsten
Nov. 17/51

United States
Department of the Interior
Defense Minerals Adm.
Washington 25, D.C.

Dear Sirs:

Please have showed through and in accepted exploration application - today - we need this here in our the U.S. report. We need this help and approval. This is a big area with great potential tungsten possibilities of about 5 miles square unprospected ~~with the tungsten flows under the beddings~~ & in through the Pegmatites.

Please Rush!!!

We are anxious & waiting to get things going.

Yours very truly,
E. R. Moody Sec.,
Box 1774
Salt Lake City, Utah.

R ROLLO MOODY
RETARY AND TREASURER
TA, UTAH
ALD MURWIN MOODY
NERAL MANAGER AND DIRECTOR
SERET, UTAH
ORGE WILLIAM EVANS
ASSISTANT TREASURER AND DIRECTOR
LAYTON, UTAH

OFFICERS AND DIRECTORS
JAMES EDWARD ELLISON
PRESIDENT
LAYTON, UTAH
EMERALD LESTER MOODY
VICE PRESIDENT
DELTA, UTAH

W. ALLEN PELTON
DIRECTOR
SALT LAKE CITY, UTAH
LEONARD PARKER LITTELL
DIRECTOR
SALT LAKE CITY, UTAH
MILTON WARD MOODY
DIRECTOR
DELTA, UTAH

Queen of Hills Mining Company

-DMA-1575

A UTAH CORPORATION

Put 1.114 IRON & FERRO-ALLOYS BR.

514 FIRST SECURITY BANK BUILDING
SALT LAKE CITY, UTAH

Nov. 6/51

Mr. George B. Holderer
Chief, Ferro Alloys Branch
Washington, D.C.

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 19 1951
Defense Minerals Administration,
Production Expansion Division.

Dear Sir:

Kindly rush action on our application loan - you should have the field report by now. We are ready to start a program of exploration if we can get help from the Defense Minerals department. Our Ore is mostly Tungsten, both in Placer and lode forms - of good clean crystal shealite.

Yours very truly

E L Moody

DMA 1575-X

OFFICIAL FILE COPY

To		Date

RECEIVED
Defense Minerals Administration
NOV 1 1951

FILE COPY
SURNAME:

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

Holderer
Ballard

OCT 9 1951

Mr. E. R. Moody, Secretary
Queen of Hills Mining Company
Box 1774
Salt Lake City, Utah

In reply please refer to
DMA-1575 Manganese

Dear Mr. Moody:

The application of your company has been referred to our field engineers, on September 20, 1951 and about which you were notified. You no doubt will hear from them shortly.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Manganese Branch

TJBallard:ll 10/8/51

CC: DMA Docket File
Adm. Reading File
Mr. Holderer

Queen of Hills Mining Company
A UTAH CORPORATION
514 FIRST SECURITY BANK BUILDING
SALT LAKE CITY 1, UTAH

United States
Defense

340 FILE COPY
SURNAME:

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

Holderer
Lyon
Mittendorf

OCT 1 1951

Hon. Wallace F. Bennett
United States Senate
Washington 25, D. C.

In reply please refer to
DMA 1575, Tungsten

Dear Senator Bennett:

This is in reply to your inquiry dated September 25, 1951, concerning application DMA 1575, from the Queen of the Hills Mining Company in Salt Lake City, for an exploration loan.

The regional field office in Denver was requested under date of September 26 to make a report on the property, and the applicant was so advised.

The application will have our attention as soon as the field information is received.

Sincerely yours,

C. O. Mittendorf (J. H.)

Acting Administrator S.F. 10-1

GBHolderer:dgs
Sep 28, 1951

CC: Adm. Reading File
DMA Docket File
~~Repts & Recs Unit~~ ✓
Deputy Administrator
Mr. Lyon
Mr. Holderer

UNITED STATES SENATE
COMMITTEE ON
THE DISTRICT OF COLUMBIA

September 2 5, 1951

Sep 27 1951

Dr. W. C. Schroeder
Acting Administrator
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Dear Dr. Schroeder:

I have been contacted by the Queen of Hills Mining Company in Salt Lake City pertaining to an application, No. DMA 1575, for assistance in developing certain tungsten properties in Western Utah. I do not have substantial information available in my files, but I would appreciate it when your administration has sufficiently processed this application to know something of the nature of the case and that you would advise me of the progress in the disposition. I would also appreciate it if you would advise me when final disposition has been made of the case.

Sincerely yours,

/s/ Wallace F. Bennett

C O P Y

REPORTS AND RECORDS

MATTHEW M. NEELY, W. VA., CHAIRMAN
OLIN D. JOHNSTON, S. C.
ESTES KEFAUVER, TENN.
LESTER C. HUNT, WYO.
JOHN O. PASTORE, R. I.
EARLE C. CLEMENTS, KY.
WILLIS SMITH, N. C.
FRANCIS CASE, S. DAK.
JOHN MARSHALL BUTLER, MD.
HERMAN WELKER, IDAHO
WALLACE F. BENNETT, UTAH
JAMES H. DUFF, PA.
ROBERT H. MOLLOHAN, CHIEF CLERK

United States Senate

COMMITTEE ON
THE DISTRICT OF COLUMBIA

September 25, 1951

SEP 27 1951
Recd by
Mr. Hoekzema

Dr. W. C. Schroeder
Acting Administrator
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

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Sincerely yours,

Wallace F. Bennett

Wallace F. Bennett

OFFICIAL FILE COPY

WFB

To	Init.	Date
340	Ce	9-27
210		

SEP 26 10 18 AM '51
DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

SEP 26 2 55 PM '51
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D.C.

REPORTS AND RECORDS

MATTHEW M. NEELY, W. VA., CHAIRMAN
OLIN D. JOHNSTON, S. C.
ESTES KEFAUVER, TENN.
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United States Senate

COMMITTEE ON
THE DISTRICT OF COLUMBIA

September 25, 1951

Dr. W. C. Schroeder
Acting Administrator
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Hardesser
9-27

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Wallace F. Bennett

Wallace F. Bennett

WFB:RBJ

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
SEP 26 10 18 AM '51

EDGAR ROLLO MOODY
SECRETARY AND TREASURER
DELTA, UTAH

DONALD MURWIN MOODY
GENERAL MANAGER AND DIRECTOR
DESERET, UTAH

GEORGE WILLIAM EVANS
ASSISTANT TREASURER AND DIRECTOR
LAYTON, UTAH

OFFICERS AND DIRECTORS

JAMES EDWARD ELLISON
PRESIDENT
LAYTON, UTAH

EMERALD LESTER MOODY
VICE PRESIDENT
DELTA, UTAH

W. ALLEN PELTON
DIRECTOR
SALT LAKE CITY, UTAH

LEONARD PARKER LITTELL
DIRECTOR
SALT LAKE CITY, UTAH

MILTON WARD MOODY
DIRECTOR
DELTA, UTAH

Queen of Hills Mining Company

A UTAH CORPORATION

514 FIRST SECURITY BANK BUILDING
SALT LAKE CITY, UTAH

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
OCT 1 11 30 AM '51

Sept. 28, 1951

FILE COPY

To	Init.	Date
340	ASC	10-1
210		

Mr. Don Lyon Director
Supply Division
Defense Minerals Adm.
Wash. D.C.

Dear Mr. Lyon:

We filed an application for exploration assistance on our Tungsten, Black sand carrying rare metals' property in the Hons Range mountains. I sent in reports along with good reliable experienced engineers geologic analysis but many months has gone by — we still wait — We have both lode and gravel deposits a great tonage carrying free Shelite tungsten that when processed is high grade. We seek your immediate help. The docket number given us is No. D.M.A. 1575 which was transferred to the Denver Office. This great 8 mile square magma of Tungsten warrant every Govt. effort.

Sincerely, E.R. Moody Sec.
Queen of Hills Mining Co.
Box 1774 Salt Lake City, Utah.

FILE COPY
340 SURNAME:

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

Q. E. C.

Holderer
Lyon
Thayer
Upton

SEP 26 1951

Queen of Hills Mining Company
514 First Security Bank Building
Salt Lake City, Utah

In reply please refer to
WA-1575 Tungsten

Gentlemen:

Your application for an exploration loan is being sent to Mr. J. W. East, Jr., Executive Officer, Fed. Field Team, Region IV, 224 New Customhouse Building, Denver 2, Colorado for a field investigation.

Please contact Mr. East and offer your co-operation.

Very truly yours,

SIGNED By 9-26

Tom Lyon, Director
Supply Division

TJPallard:ec
9/21/51

CC: Adm. Reading File
DMA Docket File
Field Team Region IV
Mr. Holderer

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

SEP 26 1951

Mr. J. H. East, Jr., Executive Officer
DMA Field Team Region IV
224 New Customhouse Building
Denver 2, Colorado

Dear Sir:

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

Docket No. 1575

Commodity Tungsten

Applicant Queen of Hills Mining Company

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

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

CC: DMA Docket File
Coord. Comm.
Mr. Holderer
Blue

6/5/51

Defense Minerals Administration

8/30/51

Review of Application for Exploration Assistance

Field Referral

Docket No. 1575

Commodity Tungsten

Total Amount $100,000

75% Govt. Participation $75,000

1. Name and Address of Applicant Queen of Hills Mining Company, 5th First Security Bank Bldg, Salt Lake City, Utah

2. Location of Property Horse Range, 60 miles southwest of Delta, Utah

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

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

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

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

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

Does the lease have sufficient time to run to cover a future productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201?

b) MF-202

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

a) Available manpower Yes

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

c) Accessibility (question 12)* Check

d) Water (question 13)* "

e) Power (question 13)* No [illegible]

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

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

appears to be some doubt [illegible] by [illegible]

Is a field check needed on this point? Yes

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

a) Is the project adequately described? No

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

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

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

If not, what part of it is? Need review completely by field team & deposit merits it.

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? Not well

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

e) Are the cost estimates reasonable? No

f) Should more information be requested from applicant? Yes

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

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

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

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

c) Are rents and charges reasonable? Check

d) Is a field check needed? Yes

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

a) Are there sufficient data? No

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

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

d) Are the proposed wages and salaries reasonable? Check

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? Check

b) Sufficient data? No

c) Reasonable?

d) Field check needed? Yes

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

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Determine the extent of the exploration loan and if so, state your recommendations and assist applicant to make the necessary exhibits. Applicant's proposal appears to be quite reasonable. Mr. Eastberg's letter from applicant about his real conditions. Please include the real situation in your report.

This is referred to field on basis of Hewitt report.
Also check:-
1. Determine value of gravels.
2. Water problem and cost of solution.
3. Merits of washer to be used
4. Possibility of exploration for lode deposits.
5. Competence of operator

Reviewed by: [illegible]

[illegible]

TP Thayer

Date 9/30/51

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

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

Memorandum

To: Reports and Records Unit

Through: Director, Supply Division

From: Chief, Tungsten Branch

Subject: Queen of Hills Mining Co., DMA-1575X Tungsten
c/o E. R. Moody
Box 1774
Salt Lake City, Utah

Property: Placer and Lode Claims
House Range, Saw Tooth Mountains
Township 18, Range 14, West,
Millard County, Utah

This letter not sent 9/20/51

Conclusions:

The Queen of Hills Mining Co. has submitted an exploration application for a $100,000 project on the property in the House Range of the Saw Tooth Mountains of Millard County, Utah.

This application contained practically no supporting data such as assays, assay map, adequate geological maps, or a clear cut picture of their exploration program. The original application, as submitted, proposed production and not exploration. To date, no cross sections, maps or planned exploration program has been submitted to this office. In supplemental information submitted by the applicant, he seemed to be more interested in exploring for water than for ore.

Two letters requesting additional information were written to the applicant by the Tungsten Branch. His answers to these letters contained little of the requested information. Therefore, the application has been conditionally denied.

George B. Holderer
Chief, Tungsten Branch

Attachments

~~Approved:~~

Director, Supply Division

340

FILE COPY
SURNAME:

Holderer
Jacoby

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

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Salt Lake City, Utah

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Township 18, Range 14, West,
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George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Attachments

Approved:

Director, Supply Division

CHJacoby:ll 9 /19/51
CC: DMA Docket File
Adm. Reading File
Mr. Holderer
Field Team, Region IV

Memorandum

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Through: Director, Supply Division

From: Chief, Tungsten Branch

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c/o E. R. Moody
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Chief, Tungsten Branch

Attachments

Approved:

Director, Supply Division

CHJacoby:ll 9 /19/51
CC: DMA Docket File
Adm. Reading File
Mr. Holderer
Field Team, Region IV

Index of File to Reports and Records Unit
DMA-1575X

1 copy MF-103 with attached sheets
1 copy Sketch of "Tungsten Gravel Costs"
1 copy MF-200
1 copy Preliminary Report by Hewitt dated 7/18 /51
1 copy letter to Moody from Stephan dated 6/14/51
1 copy letter to Moody from Holderer dated 6/25/51
1 copy letter to Moody from Holderer dated 8/10/51
1 copy letter to DMA from Moody received 8/22/51
4 copies Field Referral forms

9/19/51

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1575X

To: Reports and Records Branch

From: Tungsten Branch

Date: September 20, 1951

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

Forwarded to Reports and Records Through Supply Division

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

Memorandum

To: Reports and Records Unit

Through: Director, Supply Division

From: Chief, Tungsten Branch

Subject: Queen of Hills Mining Co., DMA-1975X Tungsten
c/o E. R. Moody
Box 1774
Salt Lake City, Utah

Property: Placer and Lode Claims
House Range, Saw Tooth Mountains
Township 18, Range 14, West,
Millard County, Utah

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Chief, Tungsten Branch

Attachments

Approved:

Director, Supply Division

CHJacoby:ll 9 /19/51
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Adm. Reading File
Mr. Holderer
Field Team, Region IV

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9/19/51

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

Air Mail

Queen of Hills Mining Co.
c/o Mr. E. R. Moody
Box 1774
Salt Lake City, Utah

In reply please refer to
DMA 1575X

Dear Mr. Moody:

We have received your undated letter in answer to our letter of August 10, 1951, which requested additional information. Previously, on June 25, 1951, we asked you for this additional data.

In the absence of this information, the Manganese Branch is forced to regretfully deny your application.

Upon the presentation of the requested information, your application may be reconsidered.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

340

FILE COPY
SURNAME:

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

Holderer
Jacoby

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Supply Division

CHJacoby:ll 9/19/51
CC: DMA Docket File
Adm. Reading File
Mr. Holderer
Field Team, Region IV

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CHJacoby:ll 9/19/51
cc: DMA Docket File
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Mr. Holderer
Field Team, Region IV

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CHJacoby:ll 9/19/51
CC: DMA Docket File
Adm. Reading File
Mr. Holderer
Field Team, Region IV

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Supply Division

CHJacoby:ll 9/19/51

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Box 1774
Salt Lake City, Utah

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DMA 1575X

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Very truly yours,

Tom Lyon, Director
Supply Division

CHJacoby-11 9/19/51

Memorandum

To: Reports and Records Unit

Through: Director, Supply Division

From: Chief, Tungsten Branch

Subject: Queen of Hills Mining Co., DMA-1575X Tungsten
c/o E. R. Moody
Box 1774
Salt Lake City, Utah

Property: Placer and Lode Claims
House Range, Saw Tooth Mountains
Township 18, Range 14, West,
Millard County, Utah

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George B. Holderer
Chief, Tungsten Branch

Attachments

Approved:

Director, Supply Division

Memorandum

To: Reports and Records Unit

Through: Director, Supply Division

From: Chief, Tungsten Branch

Subject: Queen of Hills Mining Co., DMA-1375X Tungsten
c/o E. R. Moody
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Salt Lake City, Utah

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George B. Holderer
Chief, Tungsten Branch

Attachments

Approved:

Director, Supply Division

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : George D. Holdren

DATE: September 12, 1951

FROM : T. P. Thayer Thayer

SUBJECT: DMA-1575 Queen of Hills Mining Co.

In the absence of any factual information on the tenor of tungsten and reported ilmenite in either the pegmatite dikes or placer ground, and the applicant's refusal to supply data requested, I see no alternative to denying the application. The applicant shows no concept of the geological relations he plans to explore, and seems more intent on finding water than tungsten.

The field teams were not set up to chase geese as wild as this one.

The field referral is, therefore, returned without endorsement.

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 8-22-51

REFERRED TO:

AUG 24 1951

1. Code 840
2.
3.
4.

Rec'd by Mr. Shedeen

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	✓ Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: .....

Check (X) before the items needing attention.

Adams
A. E. C.
Initials of sender.

GPO 16—63815-1

1575-X

Requests $100,000 proj.
No details given of proposed exploration.
Requires 24,000 units output to pay off loan of $75,000 at $3 unit.

Might warrant field examination to see if anything there. Also to propose reasonable program.
Access road already reported to field by Walker.

DMC
6-14-51

EDGAR ROLLO MOODY
SECRETARY AND TREASURER
DELTA, UTAH

DONALD MURWIN MOODY
GENERAL MANAGER AND DIRECTOR
DESERET, UTAH

GEORGE WILLIAM EVANS
ASSISTANT TREASURER AND DIRECTOR
LAYTON, UTAH

OFFICERS AND DIRECTORS

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MILTON WARD MOODY
DIRECTOR
DELTA, UTAH

Dmda
1575

Queen of Hills Mining Company

A UTAH CORPORATION

514 FIRST SECURITY BANK BUILDING
SALT LAKE CITY, UTAH

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 2 2 1951

Defense Minerals Adm.,
Washington 25 D.C.

Dear Sirs:

I have your letter of Aug 10th at hand in relationship to the difference between the program of production and exploration. In exploring this new region of tungsten ore the following is needed and we plan to accomplish this if assisted with exploratory money.

1. Open up the tungsten pegmatites by cross cutting with full Dozer and diamond drilling deep to determine depth of vein matter. This would be in 12 definite pegmatite areas — veins vary from 6" to 300' feet wide. The upset of Lime Granite contact show 3000 feet depth and our last general

EDGAR ROLLO MOODY
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Assay was 2+% ore.

Our lot is open cut mining both gravel and big ditco. I have mailed to you 3 engineers reports showing opinions of good Tungsten possibilities of Potential Value.

The D8 could be rented in our area for $12 an hour and $8 an hour on the drag line — we need both.

2. The Next thing needed is an exploration program of cutting through ditco to locate body of water in underground areas from Natural water course — which extends to large extended water upper Spring flows — This requires 3 tunnel openings 100' long and two drag open cut lots to depth for well flow.

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3 — It would require at least 90 days of constant work with big equipment to do this total exploration — the great Tungsten area — we have Scheelite Tungsten in both Dikes and gravel from surface.

4 — When I spoke of 30 days for production — 15 days will drive into one water zone for running 100 ton concentrator in gravel area — in 30 days we could —

We have 5 water zones to explore and our area is worthy of the most careful geologic help as well as engineering assistance.

5 — The Stephens concentrator is remarkable — 100 can actually

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Concentrate the Shelite to 70—80% by removing black sand and gold from rough concentrate after running through Trommel — this is true of the crushed dirt matter as well. This can be accomplished on the property. A series of Stephan concentrators will handy production without large tremendous plants requiring months of involvement before production — Just give us a chance on this — we will do something in concentration as well.

I am drawing out a rough sketch of the property showing what is to be done — this whole lot will be under direction of engineer which will be arranged for.

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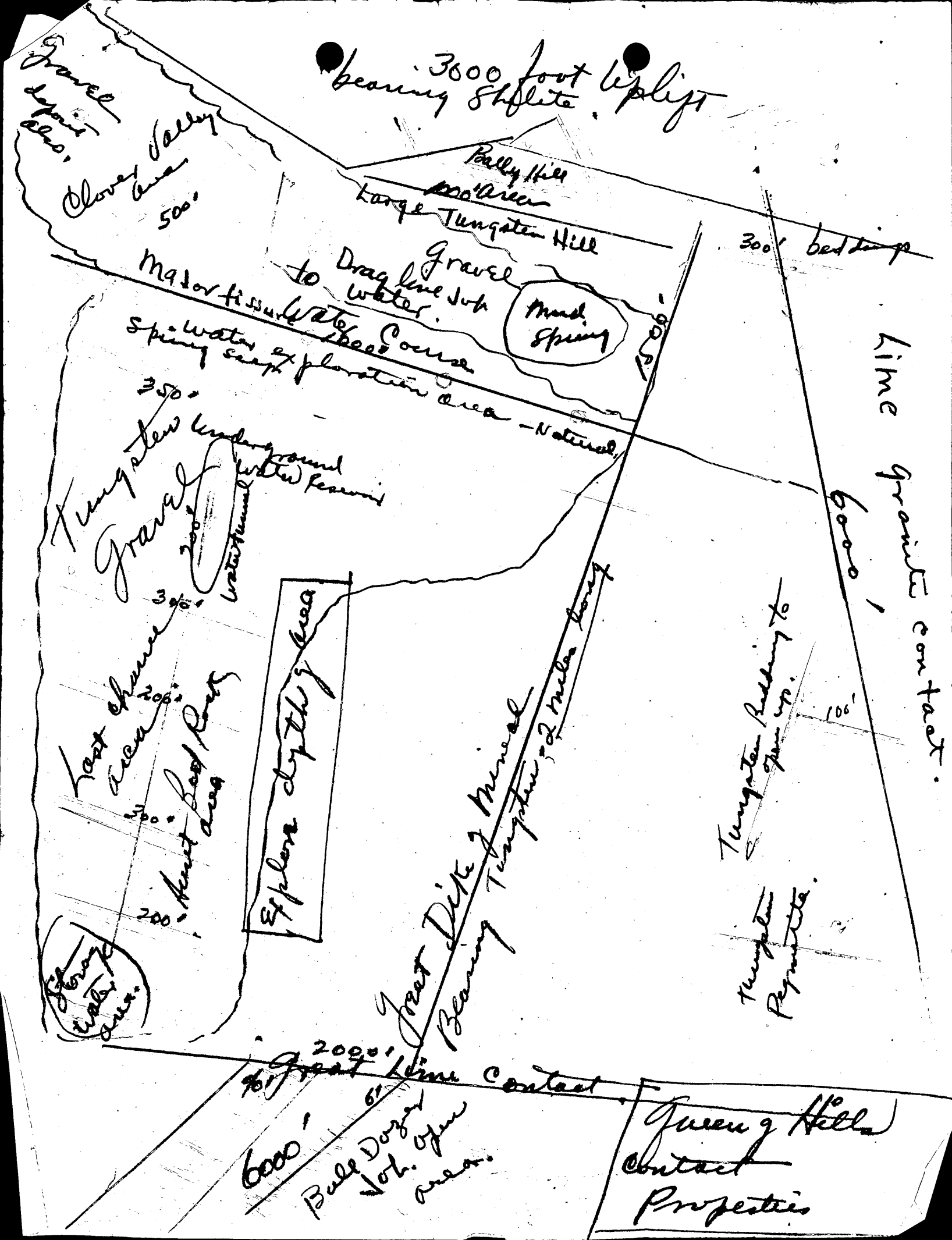
We are increasing our area to 55 Claims all in Shelite bearing Zone. Exploring for Depth will give great picture of potential easily mined ore free from composite ores that produce penalties.

Rough map included in what can and should be done.

Yours very truly,

E.R. Moody Sec,
Queen Hills mining Co;
Box 1771
Salt Lake City, Utah.


3000 foot Uplift
bearing Shflite
Gravel deposit also.
Clover Valley area
500'
Bally Hill area
Large Tungsten Hill
300' bed
Gravel
Dragline Job to water.
Mud Spring
Major fissure Water course
Water ex spring seep plantation area - National
150'
Line granite contact.
6000'
350'
Tungsten underground water permit
Gravel
200'
underground water permit
300'
Last chance area
200'
Best Bed Rock area
300'
200'
Exploration dry hole area
Great Dike of Mineral Bearing Tungsten 2 miles long
Tungsten Prospecting permit
100'
Tungsten Prospecte.
Strong water area.
2000'
Great Lime Contact
6000'
Bulldozer Job. open area.
Green Hill Contact Properties

FILE COPY
SURNAME:

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

340

AUG 10 19

Holderer
Jacoby

Mr. Edgar R. Moody
Queen of Hills Mining Company
514 First Security Bank Building
Salt Lake City, Utah

In reply please refer to
DMA-1575-X

a. E.C.

Dear Mr. Moody:

In reviewing your applic tion for an exploration loan we find that a majority of the items listed are for production purposes. It is necessary that funds of an exploration loan be used for exploration and not development or production.

Such items as a crusher, rolls, loading power machine, Stephan concentrator magnetic separator and compres or would come under a production loan. Your answer to question 24 did not show what you intended to accomplish and there was no break down of the twelve month period.

In answer to question 21 you state: "production can be started in 30 days - handling from 100 to 500 yards a day. Possibilities unlimited by additional concentrating units." You were asked to describe briefly the proposed work and the estimated time required to complete it. This again is in connection with exploration work and must not be production. In answer to question 21 we must have a map showing the proposed exploration work and your time schedule.

We suggest that you would find it impossible to get a production loan unless you have sufficient ore "blocked out"! This would require some type of exploration program. Exploration refers to searching for ore.

Some of the equipment you have listed such as 18, could well be used in an exploration program. We suggest you submit information on the availability and possible use of rented equipment in that area. A large amount of exploration work can be accomplished in a relatively short time with a bulldozer which probably could be rented rather than purchased.

Upon receipt of this additional information careful consideration will be given your application.

CHJacoby:awj Aug. 10, '51

Very truly yours,

George B. Holderer all. gs 8/10

George B. Holderer
Chief, Ferro Alloys Branch

cc:File
Adm. Redding File
Reports & Records Unit
Mr. Holderer

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

340

AUG 10 1951

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Queen of Hills Mining Company
514 First Security Bank Building
Salt Lake City, Utah

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514 FIRST SECURITY BANK BUILDING
SALT LAKE CITY, UTAH

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 1951

Dear Sirs:

We have applied for a loan and enclosed is the Contract for Tungsten Ore exploration, I am enclosing a Number of items that should prove at once that we do have a property worthy of Governmental help and attention.

The ore is easy to concentrate to 70 to 80% Scheelite Tungsten. The ore bodies are extensive and should open into a good potential future supply of Strategic metals.

Rush the Contract to completion — we Need this help. Thank you.

Yours very truly,
Edgar R. Moody Secretary
Box 1774 Salt Lake City, Utah.

COMBINED METALS REDUCTION CO.

INTER-OFFICE CORRESPONDENCE

Subject QUEEN OF HILLS GOLD MINE - HOUSE RANGE - UTAH.

Date July 31, 1951.

To Mr. George W. Snyder,

From L.G. Thomas

Dear Mr. Snyder:-

Supplementing my report to you of August 18th, 1950, on the Queen of Hills Gold Mine, House Range, Utah, please attach the following additional comment.

Water:

The dry-weather supply of water for placer uses must be increased to provide sufficient for operating quantities.

A series of northwest - southeast fractures show in the gulley above the upper end of the placer. These fractures appear to be filled with crushed clay-like material or gouge which seals the underground water in the hill.

An adit cutting this zone for a distance of about 200 feet was believed to be advisable.

Tungsten:

In addition to the information relative to the Duke Page Mine as described in the report, I believe that it would be well to place more emphasis on the tungsten possibilities of the area.

A major structural feature is evident which indicates practically all of the desirable factors required for good tungsten prospecting. That is, the large granitic intrusive which underlies and cuts through the Cambrian sediments.

These Cambrian sediments, particularly the lower limestones, are known throughout this general region to be especially receptive to replacement by mineralizing solutions.

In this case, commercial tungsten exists in some of the limestone beds at the surface contact with the granite. Since there are many other such contacts exposed on the surface about the large oval intrusive, it seems highly probable that intensive prospecting would discover numerous deposits of the same character.

Yours truly,

L. G. Thomas

L.G. Thomas

MF-200
(April 1951)

Docket No. DMA 1575X
Commodity Tungsten

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 27 day of July, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Queen of Hills Mining Co, Salt Lake City, Utah

hereinafter called the "Operator," as follows:

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

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Utah, County of Millard described as follows: [3] Situated in Saw Tooth Mountain House Range 60 miles Southwest of Delta Utah Range 19 Township 13

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

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: None

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

3. *Exploration project.* The Operator, within working Now days from the date of this contract shall commence work on a project of exploration for [5] Tungsten + Black Sand; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 90 days from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

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

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

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

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

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

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

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule of existing facilities, buildings, installations, and fixtures, with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition, which cost shall be allowed as a cost of the project.

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

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator under this agreement shall not exceed $100,000, which is 75 percent of the agreed estimated total cost of this project, $100,000.

~~*Provided,*~~ That the aggregate total of all sums paid by the Gov-

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

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

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

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

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

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

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

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

Executed in triplicate the day and year first above written.

Queen of Hills Mining Co.
(Operator)

By E. R. Moody Sec & Treas.

THE UNITED STATES OF AMERICA

By

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

EXHIBIT "B"

Needed by Queen of Hills Mining Co. for future exploration of Tungsten Deposit:

1	Crusher and set of rolls
1	Magnetic seperator
1	Power unit
1	Mechanical loader
1	Compressor
1	Large 100 Ton Stephan Mill Table
1	Large bunk house
1000	feet of pipe 4"
1000	feet of pipe 2"

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1000	feet of pipe 4"
1000	feet of pipe 2"

EXHIBIT "C"

Now on Property and Owned by the Corporation:

1	Large Trommel Wash and Screen
2	Conveyors
1	Feeder Box
1	Automatic Feeder (Mechanical)
1	Medium-sized Stephan Table with motor attached
1	Bunk cabin
5	gas motors
3500	feet pipe lines 4"

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3500	feet pipe lines 4"

EXHIBIT "D"

Six men needed for exploratory work--now are available.

EXHIBIT "E"

Listed under exhibit "C"

EXHIBIT "D"

Six men needed for exploratory work—now are available.

EXHIBIT "E"

Listed under exhibit "C"

7-18-51

AN EXACT COPY OF THE

PRELIMINARY REPORT ON

THE QUEEN OF THE HILLS MINING CO

DELTA, UTAH

by

E. A. HEWITT

MINING ENGINEER & GEOLOGIST

PRELIMINARY REPORT
ON
QUEEN OF THE HILLS MINING CO
DELTA, UTAH

PROPERTY AND LOCATION

The property is said to consist of 24 lode mining claims held by location owned by the company and 11 lode mining claims held by location owned by the Moodys who will include these in the company holdings. No investigation was made as to the status of these claims but it appears there has been enough assessment work, mostly in the form of tractor cuts in the gravel basins, to keep the claims valid.

The property is located in the House Range in Millard County, about 50 miles west of Delta, the nearest rail point. The road for 40 mi. is highway 6, but the last 10 miles is rough mountain road which needs improvement.

DEVELOPMENT

With the exception of a few shallow pits on veins near the contact, the entire development is in the gravel basins. Here extensive caterpillar cuts and diggings reveal perhaps a half a million tons of gravel which is said to assay $7 in WO_3 and $1 in Au. Two samples taken at either end of the gravel cuts about 2000' apart confirm these values.

GENERAL GEOLOGY

As the sketch indicates, the principal rocks of the area consist of an old limestone inwhich are intercalated a few thin dark shale beds; and a granite intrusive about a mile wide and striking a little west of north and dipping about 60 degrees to the northeast.

FISSURES

The fissures ranging from cracks to fault fissures are mainly confined to the granite. There appears to be an east-west and a north-south system with the latter appearing to be the stronger. Of course, with the limited time, a day on the ground, fissures could not be traced out and some may be found in the lime.

MINERALIZATION

At either contact of the granite with the limestone extensive alteration of the limestone is noted. The lime has been almost entirely changed to a serpentine showing many typical contact metamorphic minerals such as chlorite, epidote, garnet, etc with a small amount of tourmaline, the silicate of boron, and some cinnabar, the sulphide of mercury. Throughout this altered zone which is up to 1000' wide in places, amorphous quartz is found.

ORE DEPOSITS

The minerals of economic importance are native gold and scheelite, the calcuim tungstate. There are two types of deposits; placers and vein. The placers or gravel deposits occur in basins within the granite area as shown on the sketch. Apparently the gold and tungsten occurred in small quantity in cracks and fissures in the granite. Decomposition of the granite and a partial washing away of the resultant sands left the gold and tungsten in a more concentrated form making deposits which now are of commercial grade.

It appears that the ore solutions in the granite passed outward and upward through fissures to the contact with the limestone. There at favorable places veins carrying gold and tungsten were deposited in the altered limestone zone near the contact with the granite. At these favorable places on both the east and the west contact zones, vein deposits occur carrying 1 to 1½ percent tungsten trioxide and nearly a dollar per ton in gold. From such a place on the east contact at the Pace tunnel on another property, some 33 carloads were shipped in the last war. This ore carried 1% tungsten and tungsten was then $28 per unit compared with $63 now.

Another place on this property in ashallow cut the flourescent light shows a good grade of tungsten ore over a 5 ft wide. A check sample from this place marked on the sketch confirms this. Very little work has been done on the veins due to the lack of a market, but one wonders with intelligent and persistent prospecting around the granite contact how many important ore deposits may be found, provided the government should authorize a stockpile of tungsten ore in the state.

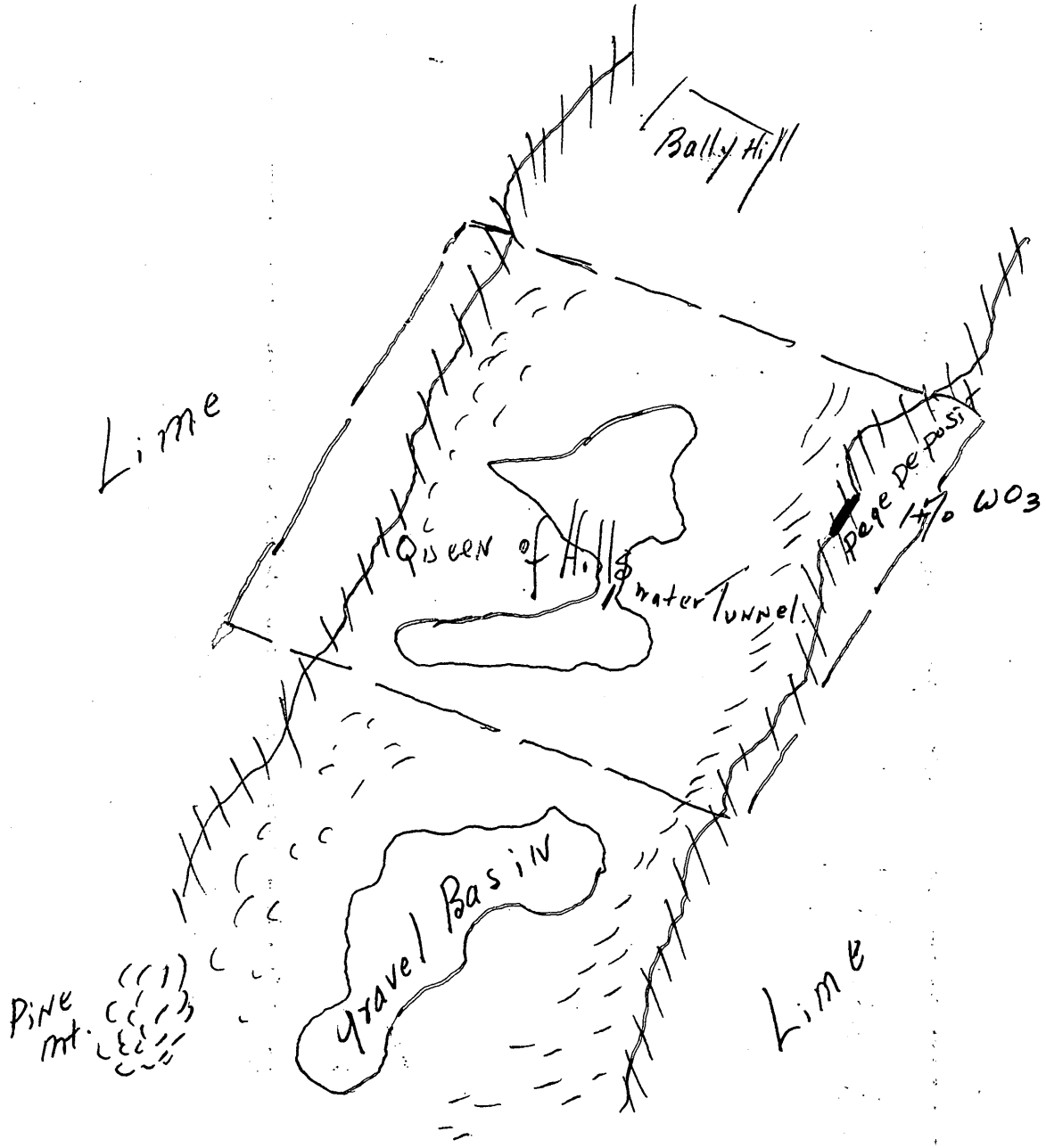
CONCLUSIONS

It now seems the gravel deposits should be worked as they are well opened up with "cat" cuts assuring a large tonnage available now. The only reason they are not being worked is the lack of enough water, only a trickle from a 67' rock tunnel being now available. Ahead of this tunnel face there are faults which should store water. Driving this tunnel a 100' farther should tap these faults and perhaps enough water would be opened to treat 100 tons of gravel per shift. With values up to $7 per ton around a profit of $3 per ton may be realized. After experimenting with the present concentrator which will handle about 20 tons per shift, data may be obtained from which to order a larger unit. It would seem that eventually if, say 15 gpm of water is available, that a larger Stephan mill table of 100 tons capacity per shift with a magnetic separator to remove the magnetite iron sands would be the proper equipment to produce the 60%, or better, tungsten trioxide concentrate required. Perhaps a total of $10,000 would be sufficient to open the water and remodel the concentrator as above indicated.

It therefor seems possible the gravel operation might provide the "ready money" with which to open the veins, which after all may well ultimately yield the greatest profit. As tungsten is one of the urgent strategic metals, probably the government will authorize a stockpile of tungsten ores in Utah making a ready market for the vein ores, Later as tungsten ore reserves are assured in quantity a treatment mill may be also authorized.

Signed E. A. HEWITT
Mining Engineer & Geologist

Park City, Utah
July 18, 1951


Bally Hill
Lime
Queen of Hills
water Tunnel
Page deposit
1% WO_3
Gravel Basin
Pine mt.
Lime

Scale 2

FILE COPY
SURNAME:

Lemmon
Holderer

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

June 25, 1951

Mr. V. L. Moody, Secretary
Queen of Hills Mining Co.
514 First Security Bank Building
Salt Lake City, Utah

In reply, please refer to
DMA-1575-X Tungsten

Dear Mr. Moody:

Your application for an exploration loan of $75,000 on a $100,000 project has been reviewed by Defense Minerals Administration. You have not submitted any evidence of workable tungsten placer in the House Range, Utah, and you have not given any statement of what exploratory work you intend to do. We cannot consider your request further unless specific proposals are made and evidence is given that indicates the project has a good chance of success.

An exploration proposal should be accompanied by a map showing the location of proposed trenches, drill holes, or workings. The objective of the work should be clearly stated, and the proposed methods of sampling and assaying should be given. This information is attached to the exploration contract as Exhibit A, and defines what work can be done as an allowable expense on the project.

The list of costs that you have given in answer to question 23 F of Form WP-103, amounting to $67,700, consists mainly of items needed for production, not necessarily for exploration. Good mining practice requires thorough sampling and assaying of a mineral deposit during the exploration stage before development and production are considered. The Government cannot consider production loans until the first steps have been successfully completed.

We are enclosing a copy of the exploration contract, form WP-100, to give you a concept of the exhibits that are attached to the contract.

Yours very truly,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Enclosure
LHLemmon/jcm

CC: Adm. Reading File
Mr. Strobel
Mr. Lemmon
Mr. Stanley Walker
Mr. Holderer
Files

G.E.C.

June 25, 1951

Mr. X. R. Moody, Secretary
Queen of Hills Mining Co.
516 First Security Bank Building
Salt Lake City, Utah

In reply, please refer to
DMA-1575-X Tungsten

Dear Mr. Moody:

Your application for an exploration loan of $75,000 on a $100,000 project has been reviewed by Defense Minerals Administration. You have not submitted any evidence of workable tungsten placer in the House Range, Utah, and you have not given any statement of what exploratory work you intend to do. We cannot consider your request further unless specific proposals are made and evidence is given that indicates the project has a good chance of success.

An exploration proposal should be accompanied by a map showing the location of proposed trenches, drill holes, or workings. The objective of the work should be clearly stated, and the proposed methods of sampling and assaying should be given. This information is attached to the exploration contract as Exhibit A, and defines what work can be done as an allowable expense on the project.

The list of costs that you have given in answer to question 23 E of Form MP-103, amounting to $69,500, consists mainly of items needed for production, not necessarily for exploration. Good mining practice requires thorough sampling and assaying of a mineral deposit during the exploration stage before development and production are considered. The Government cannot consider production loans until the first steps have been successfully completed.

We are enclosing a copy of the exploration contract, form MP-200, to give you a concept of the exhibits that are attached to the contract.

Yours very truly,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Enclosure
DMLemmon/jam

CC: Adm. Reading File
Mr. Strobel
Mr. Lemmon
Mr. Stanley Walker
Mr. Holderer
Files

DRAFT

Mr. E. R. Moody, Secretary
Queen of Hills Mining Co.
514 First Security Bank Building
Salt Lake City, Utah

In reply, please refer to DMA 1575-X
Tungsten

Dear Mr. Moody:

Your application for an exploration loan of $75,000 on ~~an~~ a $100,000 project has been reviewed by Defense Minerals Administration. You have not submitted any evidence of workable tungsten placer in the House Range, Utah, and you have not given any statement of what exploratory work you intend to do. We cannot consider your request further unless specific proposals are made and evidence is given that indicates the project has a good chance of success.

Any exploration proposal should be accompanied by a map showing the location of proposed trenches, drill holes, or workings. The objective of the work should be clearly stated, and the proposed methods of sampling and assaying should be given. This information is attached to the exploration contract as Exhibit A, and defines what work can be done as an allowable expense on the project.

The list of costs that you have given in answer to question 23 B of Form MF-103, amounting to $69,800, consists mainly of items ~~xxxxxxxxx~~ needed for production, not necessarily for exploration. Good mining practice requires thorough sampling and assaying of a mineral deposit during the exploration stage before development and production are considered. The Government cannot consider production loans until the first steps have been successfully completed.

We are enclosing a copy of the exploration contract, form MF-200, to give you a concept of the exhibits that are attached to the contract.

Yours very truly,

George B. Holderer
Chief, Tungsten Branch

encl.

cc Stanley Walker

[illegible]emmon June 21, 1951

Copy

June 14, 1951.

Mr. E. R. Moody, Secretary,
Queen of Hills Mining Company,
514 First Security Bank Bldg.,
Salt Lake City, Utah.

Dear Mr. Moody:

I was glad to have the opportunity of seeing you, during my stay in Salt Lake City.

You asked for my frank opinion concerning the merits of your property. I spent two or three days on your property, a little over a year ago, and because of its unusual geographical situation and extraordinary geological advantages, and mineralization comprising the area under your control, it left an indelible overall picture in my mind.

The Basin in question has, without a doubt, retained all, or most of its value derived by decomposer, reaching back to countless ages. The 750 or 775 acres, as I judge are comprising this Basin, are completely surrounded by mountains rising from a few hundred feet to a thousand or more, with exception of one outlet, which in recent times broke through, permitting this Basin, which undoubtedly was a lake, to drain. The formation from which these minerals, principally gold and sheelite, were derived, is granitic prophry, limestone and pegmatite, through which occur countless veins, dykes and mineral bearing seams of all kinds. The values, as I have been able to observe during my stay on the property, were in abundance; the placer gold alone should make it a very attractive property for anyone wishing to equip the property for mining, but since, in addition to the gold deposits there exhibits itself an unusually great percentage of sheelite, that makes this

doubly attractive for full scale operation. Anyone, with far less experience than I had opportunity to acquire, should be able to give you the same opinion.

This property is one of the outstanding natural resources of the United States today. It would, without question, in my mind, deserve to be equipped with the best and most efficient milling and recovery methods. How you will accomplish that, in regard to finance, equipment and management, is a problem I cannot answer, but I, myself, if I were not involved in so many things at the present and in the near future, as I can see it, would not hesitate a moment to see that it was accomplished in a hurry. The property should not stand idle at all.

Knowing Mr. Moody, and the Moody family, through a dear friend of mine, a prominent citizen of Sacramento, California, who has known the Moody family for a lifetime, I feel certain that Mr. Moody's sincere motives and integrity could never be justly questioned, and with the Moody brothers' determination and confidence in this property, I have no doubt that they will succeed in putting this mine to work, thereby not only helping their country to acquire some of the most strategic minerals now needed, but at the same time secure for themselves and their associates financial independence for all time to come.

Very sincerely yours,

J. Stephan

J. Stephan

JS/LI

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1575 X

Date received 6-4-51

Participation

Queen of Hills Mining Co.
514 First Security Bank Bldg.,
Salt Lake City, Utah

Name and address of applicant

Date May 15 1951

FILL IN THIS BLOCK

Date of application May 15 1951

Estimated cost $100,000

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine House Range
60 miles South West of Delta Utah.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

Information Attached

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Queen of Hill Mining Co.
(Name of company)

By E. L. Moody
(Signature of authorized official)

May 15/51
(Date)

Secretary & Treas.
(Title)

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

*Same as footnote on page 1.

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

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERI
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 15975 X

Date received 6-4-51

Participation

Queen of Hills Mining Co.
514 First Security Bank Bldg.,
Salt Lake City, Utah.

Name and address of applicant

Date May 15 1951

FILL IN THIS BLOCK

Date of application May 15 1951

Estimated cost $100,000

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine House Range
60 miles South West of Delta, Utah.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
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16—64067-1

THE PROPERTY

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

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

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

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
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    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
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    (*a*) Describe the ore or mineral deposits briefly.
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THE EXPLORATION

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THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
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    (*b*) Supervisors, by numbers and positions, with salaries of each.
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    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

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

CERTIFICATION

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

Queen Hill Mining Co.
(Name of company)

By E. R. Moody
(Signature of authorized official)

May 15 1951
(Date)

Secretary and Treasurer
(Title)

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

*Same as footnote on page 1.

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

QUEEN OF HILLS MINING COMPANY

ANSWER TO APPLICATION QUESTIONS:

1. Corporation

2.

3. Officers: James E. Ellison, President
Gerald Lester Moody, Vice President
Edgar Rollo Moody, Secretary and Treasurer
Donald Murrium Moody, Manager
G. W. Evans, Director
W. Allen Pelton, Director
M. Ward Moody, Director

4(a) Corporation experience

(b) Donald Moody, Manager - experienced miner and placer machine operations (15 years).

5. Owners

6. Reference to Financial Statement

7.

8. Copy attached

9. $25,000

10(a) Placer and lode claims

(b) House range, Saw Tooth Mountain, Township 18, Range 14 West
General exploration needed for recovery of strategic metals, Tungsten, black sand and gold by-product

11. Queen of Hills property

12. Property is located 50 miles southwest of Delta, Utah.
Railroad shipping point - 40 miles of hard surface and 10 miles of Highway 6.

13(a) Fissure water course runs all the time--needs opening up.

(b) Use own power-generated by gas motors.

14. New camp bunk house, equipment.

(a) 1 new Stephan table (center run-off)
1 large Trommel wash and screen
2 conveyors
1 automatic feed
1 new pump
5 gas motor units
3800' of 4" pipe line

continued

14(b) Ship by motor vehicle

15. Ore concentrated through processing on property to commercial concentrates of Government specifications.

16(a) 25 cuts have been made cross-cutting gravel deposit to a depty of 6' to 40' and some cuts are 100' in length--all 12' wide.

Two (2) reservoirs constructed for holding water.

Property is new and in development state but great potential possibilities for Tungsten are here.

(b) Ore shipped from dikes adjoining property--30 car loads during last year of 1.35% average in Tungsten -- all is new area.

(c) Examinations have been made by:

1. L. C. Thomas, Mining Engineer of Salt Lake City. He is connected with Combined Metals Reduction Company.

2. U. S. Geologic Report made by Cook for the Federal Government and Armed Forces (in San Francisco office of Army Headquarters).

17. Mine just in development--not in production yet--we need help for this great body of potential Tungsten.

18(a) This area is underlaid with Pioche limestone on five (5) great uplifts and a great magma of Tungsten-bearing ore extends for five (5) miles square. The great eroded alluvial deposits of Tungsten gravel running in broken-down crystal of pure Shelite Tungsten and the great deposits of natural Pegmatitè dikes bearing Tungsten cut the county for miles, making this deposit one of America's new, potential supplies for Tungsten, if developed properly.

19.

20. The minerals to be obtained by the development, are Tungsten, Titanium oxide and black sand alloying metals.

21. If money is available, production can be started in 30 days--handling from 100 to 500 yards a day. Possibilities unlimited by additional concentrating units.

22. Ore is in gravel formation--major deposit with great fissure dike deposite ready for development on a large scale.

23. LIST OF COSTS:

(A) (I)	Labor Costs - 12 men and 2 supervisors for 2 shifts	$ 25,000.00
(D)	Working capital	
(E)	Bunk houses and shop and equipment building	2,000.00
	1 crusher	4,500.00
	1 set rolls	3,300.00
	1 loading power machine	10,000.00
	1 new side run-off Stephan concentrator . .	5,000.00
	1 large D-8 (cot)	22,000.00
	1 water storage tank	5,000.00
	1 large discharge bin	,500.00
	1 dump truck	4,000.00
	1 electric power plant unit	12,000.00
	1 pick-up truck	1,500.00
(F)	Rental equipment for exploration	1,000.00
(G)	Rental value of owned equipment per year. .	600.00
(H)	Cost of material and building; supplies per year . .	600.00
(I)	Cost of power--per year	3,000.00
	TOTAL	$ 100,000.00

24. Time Schedule for project:

12 months with 2 shifts per day
300 working days

Cost of $200.00 a day labor	$ 5,000.00	per mo.
Cost of power, $100.00 per month	100.00	" "
Rentals	100.00	" "
Miscellaneous costs - building and supplies	50.00	" "
Operating expense	2,500.00	" "
Office expense	300.00	" "
TOTAL	$ 8,050.00	" "

QUEEN of HILLS MINING COMPANY

Secretary and Treasurer

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1575X

Date received 6-4-51

Participation

Queen of Hills Mining Co.
514 First Security Bank Bldg.
Salt Lake City, Utah

Name and address of applicant

Date May 15 1951

FILL IN THIS BLOCK

Date of application May 15 1951

Estimated cost $100,000

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine House Range
60 miles South West of Delta Utah

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

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

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

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

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

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

CERTIFICATION

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

Queen of Hills Mining Co.
(Name of company)

By E. R. Moody
(Signature of authorized official)

May 15 1951
(Date)

Secretary and Treas.
(Title)

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

*Same as footnote on page 1.

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

[illegible]

[illegible]

1. Corporation

2.

3. Officers: [illegible], President
[illegible], Vice President
[illegible], Secretary and Treasurer
[illegible], Vice [illegible]
[illegible], Director
[illegible], Director
[illegible], Director

4(a) [illegible]

(b) [illegible] - [illegible] (2), [illegible].

5. [illegible]

6. [illegible]

7.

8. [illegible]

9. [illegible]

10(a) [illegible]

(b) [illegible], [illegible], [illegible], [illegible]
[illegible]

11. [illegible]

12. [illegible]

13. [illegible]

14(a) [illegible]

(b) [illegible]

15. [illegible]

(a) [illegible] (2) [illegible]
[illegible]
[illegible]

(b) [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

continued
14(b) Ship by motor vehicle

15. Ore concentrated through processing on property to commercial concentrates of Government specifications.

16(a) 25 cuts have been made cross-cutting gravel deposit to a depty of 6' to 40' and some cuts are 100' in length--all 12' wide.

Two (2) reservoirs constructed for holding water.

Property is new and in development state but great potential possibilities for Tungsten are here.

(b) Ore shipped from dikes adjoining property--30 car loads during last war, of 1.35% average in Tungsten -- all is new area.

(c) Examinations have been made by:

1. L. C. Thomas, Mining Engineer of Salt Lake City. He is connected with Combined Metals Reduction Company.

2. U. S. Geologic Report made by Cook for the Federal Government and Armed Forces (in San Francisco office of Army Headquarters).

17. Mine just in development--not in production yet--we need help for this great body of potential Tungsten.

18(a) This area is underlaid with Pioche limestone on five (5) great uplifts and a great magma of Tungsten-bearing ore extends for five (5) miles square. The great eroded alluvial deposits of Tungsten gravel running in broken-down crystal of pure Shelite Tungsten and the great deposits of natural Pegmatite dikes bearing Tungsten cut the county for miles, making this deposit one of America's new, potential supplies for Tungsten, if developed properly.

19.

20. The minerals to be obtained by the development, are Tungsten, Titanium oxide and black sand alloying metals.

21. If money is available, production can be started in 30 days--handling from 100 to 500 yards a day. Possibilities unlimited by additional concentrating units.

22. Ore is in gravel formation--major deposit with great fissure dike deposite ready for development on a large scale.

23. LIST OF COSTS:

(A) (I)	Labor Costs - 12 men and 2 supervisors for 2 shifts	$ 25,000.00
(D)	Working capital	
(E)	Bunk houses and shop and equipment building	2,000.00
	1 crusher	4,500.00
	1 set rolls	3,300.00
	1 loading power machine	10,000.00
	1 new side run-off Stephan concentrator . .	5,000.00
	1 large D-8 (cot)	22,000.00
	1 water storage tank	5,000.00
	1 large discharge bin	4,500.00
	1 dump truck	4,000.00
	1 electric power plant unit	12,000.00
	1 pick-up truck	1,500.00
(F)	Rental equipment for exploration	1,000.00
(G)	Rental value of owned equipment per year. .	600.00
(H)	Cost of material and building; supplies per year . .	600.00
(I)	Cost of power--per year	3,000.00
	TOTAL	$ 100,000.00

24. Time Schedule for project:

12 months with 2 shifts per day
300 working days

Cost of $200.00 a day labor	$ 5,000.00	per mo.
Cost of power, $100.00 per month	100.00	" "
Rentals	100.00	" "
Miscellaneous costs - building and supplies	50.00	" "
Operating expense	2,500.00	" "
Office expense	300.00	" "
TOTAL	$ 8,050.00	" "

QUEEN of HILLS MINING COMPANY

Secretary and Treasurer

The Queen of Hills Mining Company has taken over twenty-four mining claims situated in a Virgin Territory of Placer and Lode Property of 320 acres. The area lies about 114 miles east of Ely, Nevada in the House Mountains, Millard County, Utah. About 45 miles south west from the town of Delta, Utah the mountain rapidly rises by way of canyons to open basins (9 miles off military highway Route Six) and here great igneous dikes cut these basins that are filled with large eroded gravel deposits which are attracting attention because of their real potential possibilities as producers of gold and tungsten metals.

It has been known for years in adjacent property that gold was in our mining district, and now the Queen of Hills Mining Company is opening up on our property what is known as high grade placer, bearing gold and tungsten.

The Company has already installed a new modern 100 ton capacity Stephan gold concentrator with additional equipment consisting of a hopper, automatic gravel feed, two conveyors, trommel screen unit along with thirty eight hundred feet of pipe line that brings the water to the mill from the water sources above. Two reservoirs act as water storage units and roads, though in places a heavy grade, make accessable all of the Company's property.

A new spacious cabin has been erected a short distance from the mill in Gulch No. 1. There are three gulches where twenty one parallel and horizontal open cuts have been made with bulldozer, carryall and dragline, showing great potential yardage of gravel, bearing free gold, black sand and tungsten. Large quantities of milling gravel are now available for open pit mining in this new area for recovering the valuable metal of both gold and tungsten.

OFFICERS AND DIRECTORS

James Edward Ellison, President, Layton, Utah

Gerald Lester Moody, Vice President, Delta, Utah

Edgar Rollo Moody, Secretary-Treasurer and Promoter, Delta, Utah

Donald Marwin Moody, General Manager and Director, Deseret, Utah

George William Evans, Assistant Treasurer, Director, and Promoter. Layton, Utah

W. Allen Pelton, Director, Salt Lake City, Utah

Milton Ward Moody, Director, Delta, Utah.

The authorized capitalization is 3,000,000 non-assessable shares of stock, par value 5c a share. Outstanding — 1,500,000 shares issued for claims and cash.

Left in the Treasury is 1,500,000 shares for development purposes.

From the Treasury stock the public is being offered 750,000 shares of non-assessable stock at 10c a share.

It is expected that the officers or their appointed agents will act as agents for the sale of the stock, but a general broker may be later appointed. A commission up to 20% has been authorized to be paid either to them or a broker, the total thereof being $15,000.00. Each share will be sold for 10 cents of which 2 cents shall go to provide the foregoing commission.

PROPERTIES — BEARING GOLD AND TUNGSTEN.

The Company's eleven Placer Claims contains the type of gold that is distributed in the gravel which is rough, sharp and even wire gold is found, indicating it has traveled only a short distance, and it is believed its source is from fissure veins cross cutting the area. On these vein contacts little work has been done, hence it is the intention of the Company to further prospect there for lode metals.

In addition to the placer and gold bearing lode claims the corporation owns five tungsten shelite bearing claims located on the great east-west dike cutting adjacent property, from which was shipped 26 carloads of stock pile tungsten during World War II. This ore shipped was given no penalty metal deductions. The present price of $36 per 20 lb. unit of 60% WO3 tungsten will open up another possible development for the Company on its lode property. Verification of the tungsten ore being a free milling ore is shown by two shipments made by original owner of adjacent property to Milford, Utah and Bishop, California in 1944, and in both instances it was reported that the ore was a good free milling ore. Assays and sales show that this type of ore bearing shelite tungsten in both the lode and gravel is free from the penalty metals such as antimony, copper, arsenic, sulphur and zinc.

GEOLOGY AND STRUCTURE.

A. C. Burritt, mining geologist of Salt Lake City, indicated in his report of 1941 to J. F. Heath on the adjacent Amassa Valley property "that the District as a whole is very interesting and promising" for tungsten and gold possibilities.

L. C. Thomas, prominent mining engineer of Salt Lake City, Utah, after visiting the property August 16, 1950 and making a number of tests, concluded in his report to *interested parties* by saying, "If interested in prospecting for tungsten the general area should have most promising possibilities.."

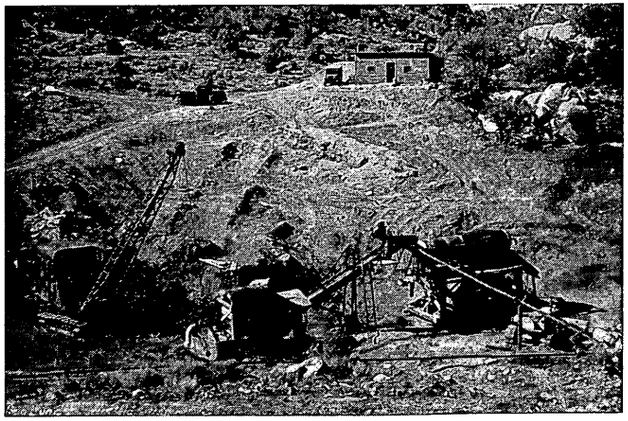
A report from Crismon and Nichols, Salt Lake City assayers, Sept, 7, 1950 on the Stephan Table concentrates after removal of free gold showed 9.40% WO3 tungsten trioxide, also 5.82 ounces of gold. This is only one of many assays taken that show this same general result.

The recoveries being made in the Stephan concentrator where the gold, tungsten and black sand is separated from the waste material indicates a concentrate that runs well

over two lbs. of tungsten per yard, as well as an equivalent of black sand carrying well in gold along with not less than a dollar per yard in free gold in the Bullion Compartment of the table. Some of the gold recovered ranges from nearly an ounce to some so fine they require 3500 specks to weigh one penny weight or 1/20 of an ounce. This also indicates a high percentage recovery by the use of the new Stephan table concentrator of gold from the gravel.

The Company plans after the sale of the present stock offering to install a larger Stephan table, an amalgamater, drying unit, magnetic separator, a diesel power unit for increasing daily production and to separate the gold, tungsten and black sand for the market right at the mine. This additional equipment will cost around $30,000 for the machinery and installation and it is planned to expend $10,000 on the roads so the average car can drive direct to the Company's property, and the balance of the $60,000 will be used as a development working capital. The chief purpose of the sale of the stock being to raise necessary capital to install a systematic method of economic recovery of the valuable gold and tungsten metals.

Already over thirty eight thousand dollars has been expended by the original stockholders for development, prospecting, machinery, roads, buildings and equipment, essential to erect the present plant operation to prove the property's value.



The above photo shows the present Stephan Mill Table installed at the lower part of No.1 Gulch.

The Company also owns a 2½% interest in two uranium claims adjoining the Farmer John property (New-Bullion Monarch) in Marysvale, Utah, from the latter which, ore has been shipped. It also has a fourth interest in four lead-ore claims, 4 miles northeast of Ogden, Utah, just opened and under development. It also possesses a 4% interest in an oil lease on 460 acres in Township 29 North, Range 114 West, Wyoming. These are mentioned incidentally as other possible potential Company values, for the main objectives of the Company at present is the development of its gold and tungsten claims.

The company reserves the right to withdraw this stock offer if it becomes evident that funds realized from partial sale will be sufficient to accomplish the objectives herein stated.

SUMMARY:

It is the opinion of the officers of the Company who have been in charge of the working operation for the past two seasons that those subscribing to this issue of offered stock will be participating in a new, vigorous and growing enterprise which, when funds are available and the present development program carried out, will produce gratifying returns.

Respectfully submitted,

Queen of Hills Mining Company.

PROSPECTUS

OFFERING

This offering consists of 750,000 shares of the non-assessable treasury stock of the company which the Utah Securities Commission has given permission to be sold at ten cents per share for the benefit of the Company.

QUEEN OF HILLS MINING COMPANY

A Utah Corporation

Organized Dec. 3, 1949

514 First Security Bank Building

Salt Lake City, Utah

Mailing Address, P. O. Box 1774

Salt Lake City, Utah.

(BECAUSE THESE SECURITIES ARE BELIEVED TO BE EXEMPT FROM REGISTRATION, THEY HAVE NOT BEEN REGISTERED WITH THE UNITED STATES SECURITIES AND EXCHANGE COMMISSION BUT SUCH EXEMPTION, IF AVAILABLE, DOES NOT INDICATE THAT THE SECURITIES HAVE BEEN EITHER APPROVED OR DISAPPROVED BY THE COMMISSION, OR THAT THE SECURITIES COMMISSION HAS CONSIDERED THE ACCURACY OR COMPLETENESS OF THE STATEMENTS IN THIS COMMUNICATION. HOWEVER, A LETTER OF NOTIFICATION, CLAIMING EXEMPTION WAS DULY FILED ON JUNE 21, 1950, IN THE REGIONAL OFFICE IN DENVER, COLORADO.)

Queen of Hills Mining Co.;
Statement as of Jan. 1st 1951

Assets

Mining Claims	150,000
Machinery	15,000
Reservoirs	1,000
Pipe Lines	600
Roads	3000
Channel Blocking	6,000
Bunk House + Equipment	700
Truck	1700
	$178,000

Liabilities

Capital Stock Issued	$75,000
Bills payable	$10,000
Surplus	93,000
	$178,000

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. SIMMEL
Executive Secretary

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1595X

Date received 6-4-51

Participation

Name and address of applicant

Queen of Hills Mining Co.
514 First Security Bank Bldg;
Salt Lake City, Utah.

Date May 15 1951

FILL IN THIS BLOCK

Date of application May 15 1951

Estimated cost $100,000

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine 60 miles South West of Delta Utah, House Range

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

Information attached,

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Queen of Hills Mining Co.
(Name of company)

By E. R. Moody
(Signature of authorized official)

May 15 1951
(Date)

Secretary and Treasurer
(Title)

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

*Same as footnote on page 1.

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

QUEEN OF HILLS MINING COMPANY

ANSWER TO APPLICATION QUESTIONS:

1. Corporation

2.

3. Officers: James D. Ellison, President
Gerald Lester Moody, Vice President
Edgar Rollo Moody, Secretary and Treasurer
Donald Murrium Moody, Manager
G. W. Evans, Director
W. Allen Felton, Director
H. Ward Moody, Director

4(a) Corporation experience

(b) Donald Moody, Manager - experienced miner and placer machine operations (15 years).

5. Owners

6. Reference to Financial Statement

7.

8. Copy attached

9. $25,000

10(a) Placer and lode claims

(b) House range, Saw Tooth Mountain, Township 18, Range 14 West
General exploration needed for recovery of strategic metals, Tungsten, black sand and gold by-product

11. Queen of Hills property

12. Property is located 50 miles southwest of Delta, Utah.
Railroad shipping point - 40 miles of hard surface and 10 miles of Highway 6.

13(a) Fissure water course runs all the time--needs opening up.

(b) Use own power-generated by gas motors.

14. New camp built house, equipment.

(a) 1 new Stephan table (center run-off)
1 large Trommel wash and screen
2 conveyors
1 automatic feed
1 new pump
5 gas motor units
3000' of 4" pipe line

[illegible]
[illegible]
Page 2

Continued
24(b) Ship by motor vehicle

25. [illegible]

26(a) [illegible] at a depth of [illegible]

Two (2) [illegible]

[illegible]

(b) [illegible]

(c) [illegible]

1. [illegible]

2. [illegible]

27. [illegible]

28(a) [illegible]

29.

30. [illegible]

31. [illegible]

32. [illegible]

23. LIST OF COSTS:

(A) (I)	Labor Costs - 12 men and 2 supervisors for 2 shifts	$ 25,000.00
(D)	Working capital	
(B)	Bunk houses and shop and equipment building	2,000.00
	1 crusher	4,500.00
	1 set rolls	3,300.00
	1 loading power machine	10,000.00
	1 new side run-off Stephan concentrator . .	5,000.00
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	1 water storage tank	5,000.00
	1 large discharge bin	500.00
	1 dump truck	4,000.00
	1 electric power plant unit	12,000.00
	1 pick-up truck	1,500.00
(F)	Rental equipment for exploration	1,000.00
(G)	Rental value of owned equipment per year. .	600.00
(H)	Cost of material and building; supplies per year . .	600.00
(I)	Cost of power--per year	3,000.00
	TOTAL	$ 100,000.00

24. Time Schedule for project:

12 months with 2 shifts per day
300 working days

Cost of $200.00 a day labor	$ 5,000.00	per mo.
Cost of power, $100.00 per month	100.00	" "
Rentals	100.00	" "
Miscellaneous costs - building and supplies	50.00	" "
Operating expense	2,500.00	" "
Office expense	300.00	" "
TOTAL	$ 8,050.00	" "

QUEEN of HILLS MINING COMPANY

Secretary and Treasurer

Queen of Hills Mining Co.
Statement as of Jan. 1, 1951

Assets

Mining Claims	$150,000
Machinery	15,000
Reservoirs	1,000
Pipe lines	600
Roads	3,000
Channel Blocking	6,000
Bunk House + Equipment	700
Truck (pick up)	1,700
	$178,000

Liabilities

Capital Stock Issued	$75,000
Bills Payable	10,000
Surplus	93,000
	$178,000

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 4 - 1951
Executive Secretary

The Queen of Hills Mining Company has taken over twenty-four mining claims situated in a Virgin Territory of Placer and Lode Property of 320 acres. The area lies about 114 miles east of Ely, Nevada in the House Mountains, Millard County, Utah. About 45 miles south west from the town of Delta, Utah the mountain rapidly rises by way of canyons to open basins (9 miles off military highway Route Six) and here great igneous dikes cut these basins that are filled with large eroded gravel deposits which are attracting attention because of their real potential possibilities as producers of gold and tungsten metals.

It has been known for years in adjacent property that gold was in our mining district, and now the Queen of Hills Mining Company is opening up on our property what is known as high grade placer, bearing gold and tungsten.

The Company has already installed a new modern 100 ton capacity Stephan gold concentrator with additional equipment consisting of a hopper, automatic gravel feed, two conveyors, trommel screen unit along with thirty eight hundred feet of pipe line that brings the water to the mill from the water sources above. Two reservoirs act as water storage units and roads, though in places a heavy grade, make accessable all of the Company's property.

A new spacious cabin has been erected a short distance from the mill in Gulch No. 1. There are three gulches where twenty one parallel and horizontal open cuts have been made with bulldozer, carryall and dragline, showing great potential yardage of gravel, bearing free gold, black sand and tungsten. Large quantities of milling gravel are now available for open pit mining in this new area for recovering the valuable metal of both gold and tungsten.

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Gerald Lester Moody, Vice President, Delta, Utah

Edgar Rollo Moody, Secretary-Treasurer and Promoter, Delta, Utah

Donald Marwin Moody, General Manager and Director, Deseret, Utah

George William Evans, Assistant Treasurer, Director, and Promoter. Layton, Utah

W. Allen Pelton, Director, Salt Lake City, Utah

Milton Ward Moody, Director, Delta, Utah.

The authorized capitalization is 3,000,000 non-assessable shares of stock, par value 5c a share. Outstanding — 1,500,000 shares issued for claims and cash.

Left in the Treasury is 1,500,000 shares for development purposes.

From the Treasury stock the public is being offered 750,000 shares of non-assessable stock at 10c a share.

It is expected that the officers or their appointed agents will act as agents for the sale of the stock, but a general broker may be later appointed. A commission up to 20% has been authorized to be paid either to them or a broker, the total thereof being $15,000.00. Each share will be sold for 10 cents of which 2 cents shall go to provide the foregoing commission.

PROPERTIES — BEARING GOLD AND TUNGSTEN.

The Company's eleven Placer Claims contains the type of gold that is distributed in the gravel which is rough, sharp and even wire gold is found, indicating it has traveled only a short distance, and it is believed its source is from fissure veins cross cutting the area. On these vein contacts little work has been done, hence it is the intention of the Company to further prospect there for lode metals.

In addition to the placer and gold bearing lode claims the corporation owns five tungsten shelite bearing claims located on the great east-west dike cutting adjacent property, from which was shipped 26 carloads of stock pile tungsten during World War II. This ore shipped was given no penalty metal deductions. The present price of $36 per 20 lb. unit of 60% WO3 tungsten will open up another possible development for the Company on its lode property. Verification of the tungsten ore being a free milling ore is shown by two shipments made by original owner of adjacent property to Milford, Utah and Bishop, California in 1944, and in both instances it was reported that the ore was a good free milling ore. Assays and sales show that this type of ore bearing shelite tungsten in both the lode and gravel is free from the penalty metals such as antimony, copper, arsenic, sulphur and zinc.

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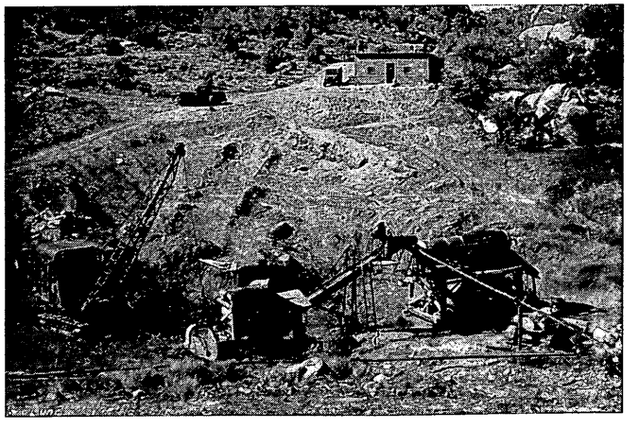
over two lbs. of tungsten per yard, as well as an equivalent of black sand carrying well in gold along with not less than a dollar per yard in free gold in the Bullion Compartment of the table. Some of the gold recovered ranges from nearly an ounce to some so fine they require 3500 specks to weigh one penny weight or 1/20 of an ounce. This also indicates a high percentage recovery by the use of the new Stephan table concentrator of gold from the gravel.

The Company plans after the sale of the present stock offering to install a larger Stephan table, an amalgamater, drying unit, magnetic separator, a diesel power unit for increasing daily production and to separate the gold, tungsten and black sand for the market right at the mine. This additional equipment will cost around $30,000 for the machinery and installation and it is planned to expend $10,000 on the roads so the average car can drive direct to the Company's property, and the balance of the $60,000 will be used as a development working capital. The chief purpose of the sale of the stock being to raise necessary capital to install a systematic method of economic recovery of the valuable gold and tungsten metals.

Already over thirty eight thousand dollars has been expended by the original stockholders for development, prospecting, machinery, roads, buildings and equipment, essential to erect the present plant operation to prove the property's value.



The above photo shows the present Stephan Mill Table installed at the lower part of No.1 Gulch.

The Company also owns a 2½% interest in two uranium claims adjoining the Farmer John property (New-Bullion Monarch) in Marysvale, Utah, from the latter which, ore has been shipped. It also has a fourth interest in four lead-ore claims, 4 miles northeast of Ogden, Utah, just opened and under development. It also possesses a 4% interest in an oil lease on 460 acres in Township 29 North, Range 114 West, Wyoming. These are mentioned incidentally as other possible potential Company values, for the main objectives of the Company at present is the development of its gold and tungsten claims.

The company reserves the right to withdraw this stock offer if it becomes evident that funds realized from partial sale will be sufficient to accomplish the objectives herein stated.

SUMMARY:

It is the opinion of the officers of the Company who have been in charge of the working operation for the past two seasons that those subscribing to this issue of offered stock will be participating in a new, vigorous and growing enterprise which, when funds are available and the present development program carried out, will produce gratifying returns.

Respectfully submitted,

Queen of Hills Mining Company.

PROSPECTUS

OFFERING

This offering consists of 750,000 shares of the non-assessable treasury stock of the company which the Utah Securities Commission has given permission to be sold at ten cents per share for the benefit of the Company.

QUEEN OF HILLS MINING COMPANY

A Utah Corporation

Organized Dec. 3, 1949

514 First Security Bank Building

Salt Lake City, Utah

Mailing Address, P. O. Box 1774

Salt Lake City, Utah.

(BECAUSE THESE SECURITIES ARE BELIEVED TO BE EXEMPT FROM REGISTRATION, THEY HAVE NOT BEEN REGISTERED WITH THE UNITED STATES SECURITIES AND EXCHANGE COMMISSION BUT SUCH EXEMPTION, IF AVAILABLE, DOES NOT INDICATE THAT THE SECURITIES HAVE BEEN EITHER APPROVED OR DISAPPROVED BY THE COMMISSION, OR THAT THE SECURITIES COMMISSION HAS CONSIDERED THE ACCURACY OR COMPLETENESS OF THE STATEMENTS IN THIS COMMUNICATION. HOWEVER, A LETTER OF NOTIFICATION, CLAIMING EXEMPTION WAS DULY FILED ON JUNE 21, 1950, IN THE REGIONAL OFFICE IN DENVER, COLORADO.)

May 31, 1951

Queen of Hills Mining Co.
Box 1774
Salt Lake City, Utah

Subject: Application for Access Road AR-31

Gentlemen:

Receipt is acknowledged of your application of May 18, for an access road to the Queen of Hills Mine in Millard County, Utah.

The application was assigned docket number AR-31 and referred to Mr. Stanley Walker, Acting Chief, Housing and Utility Branch.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:jhs
cc: ✓Strobel-2
Files
Mr. Walker, Room 2465

Bm 4626

a.e.c.

May 29, 1951

Memorandum

To: Executive Officer, DMA Field Team, Region IV, Colorado

Through: Coordinating Committee

From: Acting Chief, Housing and Utilities Branch

Subject: Access Road, Queen of Hills Mining Co, Millard County, Utah
AR-31

Attached are two copies of Form MW-105, an application for access road to the Queen of Hills mine.

From the information on the Form it appears that the company has or will apply for a loan and we suggest that this application be held until the loan application is received by you and an investigation of both applications be made simultaneously.

A separate report on the road application is requested but reference should be made therein to any report or recommendation made on the loan application.

Stanley M. Walker

Attachment

DMA Coordinating Committee

Tom Lyon

Chairman

Member, Bureau of Mines

Member, Geological Survey

Copies to: Admin. Reading File
Mr. Strobel, Mr. Montag, Files

SMWalker:mc

May 15/1951

Mr. James Boyd
Washington D.C.

dmd 1575 X

Dear Mr. Boyd:

We are deeply interested in opening up a new Tungsten area that has splendid potential possibilities. We will concentrate the Scheelite right on the property to commercial percentage and govt. specifications. We want some govt. help and shall appreciate having the papers checked, coded and sent on to Denver. Any help we can receive we shall deeply appreciate.

Yours very truly
E.R. Moody Sec.
P.O. Box 1774
Salt Lake City, Utah.

(P.S.) I had the pleasure of listening to your discussion in Salt Lake City, Utah. I liked your approach and attitude

BUREAU OF MINES
WASHINGTON, D. C.

JUN 4 12 03 PM '51

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
ALASKA

JUN 4 - 1951

LANDON F. SNOBEL
Executive Secretary

MODEL OF MINE MINING COMPANY

ANSWERS APPLICATION QUESTIONS:

1. Corporation

2.

3. Officers: Ferne E. Allison, President
Gerald Lester Moody, Vice President
Edgar Belle Moody, Secretary and Treasurer
Ronald Burrtun Moody, Manager
G. V. Evans, Director
U. Allen Bolton, Director
M. Ward Moody, Director

4(a) Corporation experience

(b) Ronald Moody, Manager - experienced miner and placer mining operations (35 years).

5. Owners

6. Reference to Financial Statement

7.

8. Stock attached

9. $25,000

10(a) Placer and lode claims

(b) Rocco range, San Booth Mountain, Township 18, Range 14 East
Personal exploration needed for recovery of strategic metals, tungsten, black sand and gold by-product

11. Queen of Hills property

12. Property is located 40 miles southeast of Delta, Utah.
Railroad shipping point - 40 miles of hard surface and 10 miles of Highway 6.

13(a) Electric motor course runs all the time--works opening up.

(b) Use gas power--generated by gas motors.

14. Few very hard heavy equipment.

(a) 1 new fitchburg table (center run-off)
1 large thermal mesh and screen
2 conveyors
1 automatic feed
1 auto pump
3 gas motor units
3000' of 4" pipe line

continued
14(b) Ship by motor vehicle

15. Ore concentrated through processing on property to commercial concentrates of Government specifications.

16(a) 25 cuts have been made cross-cutting gravel deposit to a depty of 6' to 40' and some cuts are 100' in length--all 12' wide.

Two (2) reservoirs constructed for holding water.

Property is new and in development state but great potential possibilities for Tungsten are here.

(b) Ore shipped from dikes adjoining property--30 car loads during last year, of 1.35% average in Tungsten -- all is new area.

(c) Examinations have been made by:

1. L. C. Thomas, Mining Engineer of Salt Lake City. He is connected with Combined Metals Reduction Company.

2. U. S. Geologic Report made by Cook for the Federal Government and Armed Forces (in San Francisco office of Army Headquarters).

17. Mine just in development--not in production yet--we need help for this great body of potential Tungsten.

18(a) This area is underlaid with Pioche limestone on five (5) great uplifts and a great magma of Tungsten-bearing ore extends for five (5) miles square. The great eroded alluvial deposits of Tungsten gravel running in broken-down crystal of pure Sheelite Tungsten and the great deposits of natural Pegmatite dikes bearing Tungsten cut the county for miles, making this deposit one of America's new, potential supplies for Tungsten, if developed properly.

19.

20. The minerals to be obtained by the development, are Tungsten, Titanium oxide and black sand alloying metals.

21. If money is available, production can be started in 30 days--handling from 100 to 500 yards a day. Possibilities unlimited by additional concentrating units.

22. Ore is in gravel formation--major deposit with great fissure dike deposits ready for development on a large scale.

29. USE OF FUNDS:

(A) (E) (D)	Labor Costs - 12 men and 2 supervisors for 2 shifts	$ 25,000.00
	Working capital	
(B)	Bunk houses and shop and equipment building	2,000.00
	1 crusher	4,500.00
	1 set rolls	3,300.00
	1 loading power machine	10,000.00
	1 new side run-off Stephen concentrator . .	5,000.00
	1 large M-S (set)	22,000.00
	1 water storage tank	5,000.00
	1 large discharge bin	1,500.00
	1 dump truck	4,000.00
	1 electric power plant unit	12,000.00
	1 pick-up truck	1,500.00
(F)	Rental equipment for exploration	1,000.00
(G)	Rental value of owned equipment per year. .	600.00
(H)	Cost of material and building supplies per year . .	500.00
(I)	Cost of power--per year	3,000.00
	TOTAL	$ 100,000.00

30. Time Schedule for project:

12 months with 2 shifts per day
300 working days

Cost of $300.00 a day labor	$ 5,000.00	per mo.
Cost of power, $150.00 per month	100.00	" "
Rentals	100.00	" "
Miscellaneous costs - building and supplies	50.00	" "
Operating expense	2,500.00	" "
Office expense	300.00	" "
TOTAL	$ 8,050.00	" "

QUEST OF MILL MINING COMPANY

Secretary and Treasurer

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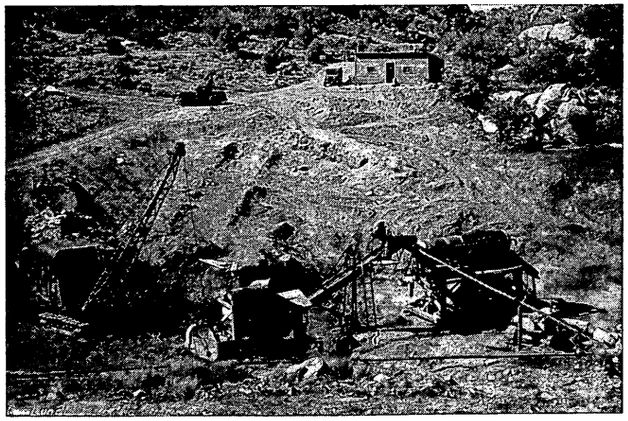

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Queen of Hills Mining Co.
Statement as of Jan. 1, 1951.

Assets

Mining Claims	$150,000
Machinery	15,000
Reservoir	1,000
Pipe lines	600
Roads	3,000
Channel Blocking	6,000
Bunk House + Equipment	700
Truck	1,700
	$178,000

Liabilities

Capital Stock Issued	$75,000
Bills Payable	10,000
Surplus	93,000
	$178,000

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. SINOBEL
Executive Secretary

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Statement as of Jan. 1, 1951

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Machinery	15,000
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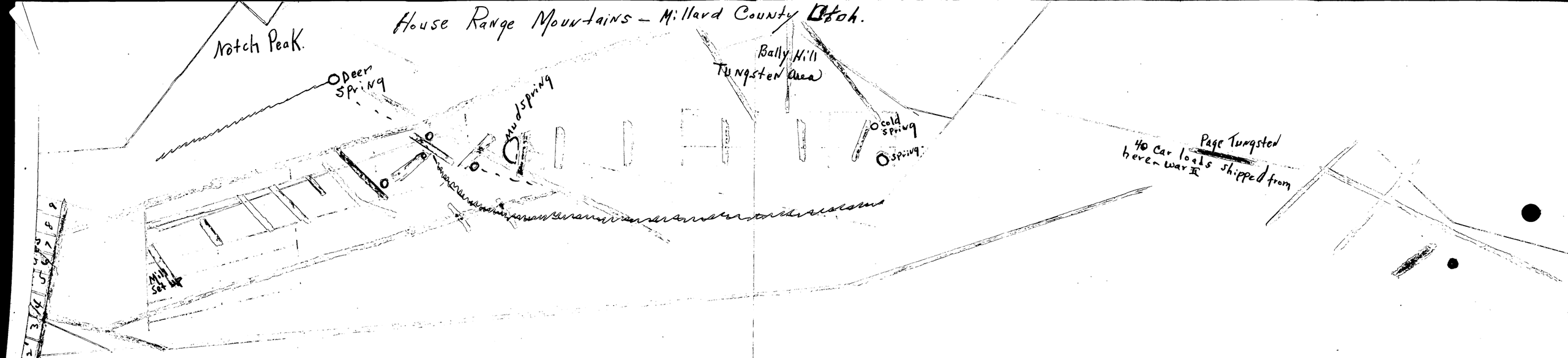
Pipe lines	600
Roads	3,000
Channel Blocking	6000
Bunk House + Equipment	700
Truck (Pick up)	1,700
	$178,000

Liabilities

Capital Stock Issued	$75,000
Bills payable	$10,000
Surplus	93,000
	$178,000

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

House Range Mountains – Millard County Utah.



Located 100 miles East of Ely Nevada
40 miles air line from Baker Nevada
9 miles from Highway 6
a Virgin Undeveloped Territory
Stephan Report of June 14 Included Heating operation.

Tungsten gravel cuts shown in Red – blocking gravel Deposit.
Pegmatite Dikes carrying Tungsten marked in green
This is a great Potential area for Tungsten.

C. C. CRISMON
PRESIDENT

P. M. CRISMON
VICE-PRESIDENT

ORRIN FISHER
SECRETARY

R. R. CASTO
TREASURER

PHONE 3-7417

CRISMON & NICHOLS

229-231 SO. WEST TEMPLE ST.

P. O. BOX 1708

CERTIFICATE OF ASSAY

SALT LAKE CITY 12, UTAH July 10, 1948

Don Moody Beginning of checking Property

WE HAVE ASSAYED YOUR two SAMPLES AND FIND them TO CONTAIN AS FOLLOWS:

DESCRIPTION	NO.	OZS. GOLD PER TON	OZS. SILVER PER TON	PER CENT LEAD	PER CENT COPPER	PER CENT INSOL.	PER CENT IRON	PER CENT ZINC	PER CENT	VALUE OF GOLD PER TON
									Tungsten trioxide	
Oversize- from Cold Springs Placer	#1	20.60							$	$21.00
	#2	1.89							34.44	66.15

Tungsten Evaluation Not included by Price Salve.

REMARKS:

CHARGES $ 5.00 Paid

CRISMON & NICHOLS

BY R. R. Casto

C. C. CRISMON
PRESIDENT

P. M. CRISMON
VICE-PRESIDENT

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PHONE 3-7417

CRISMON & NICHOLS

229-231 SO. WEST TEMPLE ST.

P. O. BOX 1708

CERTIFICATE OF ASSAY

SALT LAKE CITY 12, UTAH Sept. 7, 1950

Queen of Hills Mining Co.

WE HAVE ASSAYED YOUR one SAMPLES AND FIND it TO CONTAIN AS FOLLOWS:

DESCRIPTION	NO.	OZS. GOLD PER TON	OZS. SILVER PER TON	PER CENT LEAD	PER CENT COPPER	PER CENT INSOL.	PER CENT IRON	PER CENT ZINC	PER CENT	VALUE OF GOLD PER TON
									Tungsten trioxide	
Stephan Table Concts., Lower Compartment		5.82	0.70		9.4%		18# Per ton @ $35 a ton.		9.40	$203.70 611.00 814.70

REMARKS:

CHARGES $ 4.00 Paid.

CRISMON & NICHOLS

BY R. R. Casto

C. C. CRISMON
PRESIDENT

P. M. CRISMON
VICE-PRESIDENT

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R. R. CASTO
TREASURER

PHONE 3-7417

CRISMON & NICHOLS

229-231 SO. WEST TEMPLE ST.

P. O. BOX 1708

CERTIFICATE OF ASSAY

SALT LAKE CITY 12, UTAH May 15, 1950

Queen of the Hills Mining Co.

WE HAVE ASSAYED YOUR one SAMPLES AND FIND it TO CONTAIN AS FOLLOWS:

DESCRIPTION	NO.	OZS. GOLD PER TON	OZS. SILVER PER TON	PER CENT LEAD	PER CENT COPPER	PER CENT INSOL.	PER CENT IRON	PER CENT ZINC	PER CENT	VALUE OF GOLD PER TON
By Don Moody										$1225.00
Midds		3.50							Titanium oxide 1.54	
without gold comparatively									Tungsten trioxide 7.22	470.70
										$93.20

REMARKS:

CHARGES $ 7.00

CRISMON & NICHOLS

BY R. R. Casto

Queen of Hills Property in Important area

UP AND DOWN THE STREET

Car Insurance Rate Hike Predicted in Utah Soon

By Robert W. Bernick

Utahns will pay more for casualty (property damage) and liability insurance on their automobiles before the snow flies, trade sources predicted Tuesday.

No figure has been announced yet by the National Bureau of Casualty Underwriters, which makes up the rates on a state by state basis in behalf of the stock insurance companies.

But a few Salt Lake insurance men Tuesday were guessing at an average 11% increase for both types of insurance. And they say this is "conservative."

Three Factors Cited

Three factors were cited as leading to the decision to solicit the increase from the Utah State Insurance Commissioner.

First, there has been a jump in accident rates in the state and all over the nation.

Second, automobile repair bills have "soared," the adjusters say, in the last 12 months.

Third, medical fees have gone up. There are no figures immediately available to prove this latter assertion one way or another.

Cars Better Now

Insurance men acknowledge that the average car now on the road is in better mechanical condition than the hulks which infested the rights of way in the immediate postwar years.

A postwar hike in rates was obtained largely on evidence submitted to state insurance regulatory bodies throughout the country on a basis of the then mechanical imperfect cars in circulation.

But the statisticians of the National Bureau of Casualty Underwriters offer evidence that the "loss ratio" of underwriters has been substantial in the last nine to 12 months, exceeding any profits the firms might reasonably expect during that operating period.

More Accidents Now

These statisticians also say there are more accidents now than in the 1945-47 period, probably because there are more cars on the road.

And, what really costs money, repair and replacement parts have climbed substantially in cost.

(An official of the General Adjustment Bureau, Inc., Salt Lake City, estimated repair and re- 000 shares) for that period was placed at $2.73, as against $2.74 per share for the previous 12 months (on 1,333,396 shares outstanding at that time).

Incorporate New Firm

The Utah Investment Co. has been incorporated by three South Salt Lake bank executives.

Robert R. Fitts, who is listed as president of the new firm, said the company was established with primary purpose of making mortgage loans.

But other loans will be considered, he said.

Other officers of the investment company are Carl V. Cammans, vice president, and W. E. Myrick, secretary.

They are, with Mr. Fitts, officers of the Valley State Bank of South Salt Lake. However, that bank has no connection with the new concern, Mr. Fitts said.

Exchange, Banks Close

The Salt Lake Stock Exchange and Utah banks were closed Tuesday, in observance of Days of '47. They will resume operations Wednesday.

Eye Concentrator

The White Pine Chamber of Commerce and Mines, Ely, Nev., is investigating feasibility of establishment of a custom lead-zinc concentrator in the area.

Surveys have been made of mines in the district in an effort to find out how much ore they could contribute to such a mill.

Crude Oil Figures

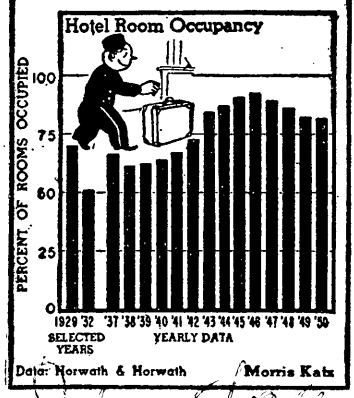
Daily average production of crude oil in Utah for the week ended July 21 stood at 4100 bbls., the Oil and Gas Journal said Tuesday. That is a record to date for the state, and 100 more barrels per day production than enjoyed during the previous seven days.

Trade Heavy, Prices Soar On N. Y. Mart

NEW YORK, July 24 (AP)—There was real old-fashioned enthusiasm behind trading in the stock market Tuesday and price advances of a dollar or two a share were plentiful.

HOTELS STEADY

Decline in room occupancy is finally halted in 1950.



Storage Depot Sought for Tungsten Ore

By The Shift Boss

The House mountain range, reached from Delta, Millard County, contains areas in which tungsten ores are much in evidence. Recently an appeal was made in behalf of the tungsten miners of the area. More than 50 of the Delta area have supported the appeal with signed petitions to the Defense Minerals Administration.

In substance the appeal—at this writing unanswered—was to designate a Salt Lake Valley as a crude ore receiving depot for shipments from the House Mountain area. This would be in order that ore now impossible to mine under the DMA 60% concentrate plan can be added to the nation's tragically low stockpile. Such a depot would serve equally well the Gold Hill, Calleo, Milford, Lucin, and other areas in Nevada and Idaho.

The Salt Lake Valley sampler is serviced by five railroads and within a 500-mile radius there is a $6.50 per ton freight rate as against heavy trucking charges to Bishop, Cal., and one or two other western mills. A number of hundreds of tungsten prospectors and small producers are within the 500-mile radius area.

The petitioners pledge themselves if a Utah stockpile is established, to see to it that tungsten ores are produced from their claims—adding the statement: "I believe you appreciate the fact that present effort is impossible, because almost all tungsten miners are outlawed from the market by the present inadequate procedures, outlined by the Defense Minerals Administration."

pation in Fix Scandal

The five Bradley stars said gamblers who paid them off for manipulating point totals of two Bradley games in Peoria were Nick (the Greek) Englisis and Eli Klukofsky, alias (Kaye).

Pacific Coast Clubs

The games were between Bradley and Oregon State, Dec. 5, 1950, which Bradley won, 77-74, and the Bradley-Washington State game, Dec. 21, 1949, which Bradley won, 67-59.

Bradley, the proud Midwest contender which after revelation of the New York bribes had announced it was not going to play again in the Gotham Garden, had held its own invitational tournament after the 1950-51 season's end.

Wait Grand Jury Action

Its officials had hailed the tourney as "bringing basketball back to the campus" and indicated meets like its own would help save basketball from further gambling scandals.

Melchiorre and the three others seized were released "under technical custody" pending action of the Peoria grand jury. State's Attorney Shore said he was more interested in prosecuting the fixers than the players.

First four listed graduated from Bradley in June and have since entered business ventures in Peoria.

ams Start Play nior Tourney

-Keith Swonson and Steve Adams, among the field of 128 teen-aged ge, who tee off Wednesday in the olf championship tournament near

land Indian pitcher, gives all the credit to his beautiful bride of less than a year for his great comeback on the Tribe mound. Garcia, who has racked up 12 victories, one more than he won all last year, says the added responsibility has given him new confidence.

Ogdenites Cop Golf Tourney

OGDEN (Special)—Dick Montgomery and Bud Hulmston, Ogden golfers, carded a neat 134 to win the championship flight in the 18th annual El Monte best ball tournament.

Second-place winners in the 36-hole championship grind were Dee Richards and Irv Stihson, Ogden, with a 136 tally.

Layne Newey and Tommy Williams, last year's winning duo, placed third with 137.

Two combinations tied for top honors in the first flight. They were Fred Golding and Gary Pack, and L. R. Ivins and Joe Hurst, all Salt Lake linksters. They shot 106s for the 27-hole first flight route.

Second and third places were also split, with Ross Taylor and Vard Jones tieing with Ralph Olsen and Wes Strand. They shot 107s.

The entry list included 216 golfers, representing all the major clubs in the state. Second and third flights were run off Monday. Harvey Stone and Ed Cisowski won the second flight with low 72 and third flight honors went to George Jouflas and Dewey Partschi.

Fire Destroys Hay At Del Mar Track

DEL MAR, Cal., July 24 (AP)—Three big piles of baled hay for horses at Del Mar burned furiously in the stable area Tuesday.

The hay, ignited by the exhaust from a truck, was in the stable area but none of the horses was endangered. A brisk breeze blew the flames and smoke away from the barns.

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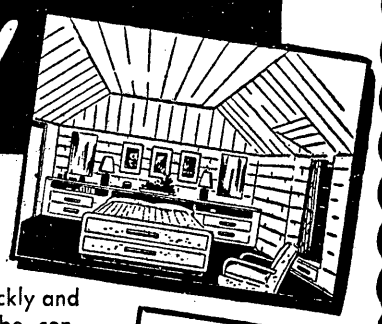

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The Company has already installed a new modern 100 ton capacity Stephan gold concentrator with additional equipment consisting of a hopper, automatic gravel feed, two conveyors, trommel screen unit along with thirty eight hundred feet of pipe line that brings the water to the mill from the water sources above. Two reservoirs act as water storage units and roads, though in places a heavy grade, make accessable all of the Company's property.

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Left in the Treasury is 1,500,000 shares for development purposes.

From the Treasury stock the public is being offered 750,000 shares of non-assessable stock at 10c a share.

It is expected that the officers or their appointed agents will act as agents for the sale of the stock, but a general broker may be later appointed. A commission up to 20% has been authorized to be paid either to them or a broker, the total thereof being $15,000.00. Each share will be sold for 10 cents of which 2 cents shall go to provide the foregoing commission.

PROPERTIES — BEARING GOLD AND TUNGSTEN.

The Company's eleven Placer Claims contains the type of gold that is distributed in the gravel which is rough, sharp and even wire gold is found, indicating it has traveled only a short distance, and it is believed its source is from fissure veins cross cutting the area. On these vein contacts little work has been done, hence it is the intention of the Company to further prospect there for lode metals.

In addition to the placer and gold bearing lode claims the corporation owns five tungsten shelite bearing claims located on the great east-west dike cutting adjacent property, from which was shipped 26 carloads of stock pile tungsten during World War II. This ore shipped was given no penalty metal deductions. The present price of $36 per 20 lb. unit of 60% WO3 tungsten will open up another possible development for the Company on its lode property. Verification of the tungsten ore being a free milling ore is shown by two shipments made by original owner of adjacent property to Milford, Utah and Bishop, California in 1944, and in both instances it was reported that the ore was a good free milling ore. Assays and sales show that this type of ore bearing shelite tungsten in both the lode and gravel is free from the penalty metals such as antimony, copper, arsenic, sulphur and zinc.

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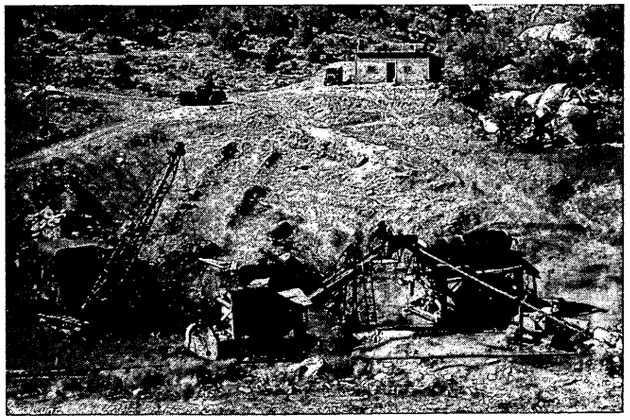

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We need help on this property

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QUEEN OF HILLS MINING COMPANY

A Utah Corporation

Organized Dec. 3, 1949

514 First Security Bank Building

Salt Lake City, Utah

Mailing Address, P. O. Box 1774

Salt Lake City, Utah.

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Sample in island by Sante Fe Lumber of Sac.

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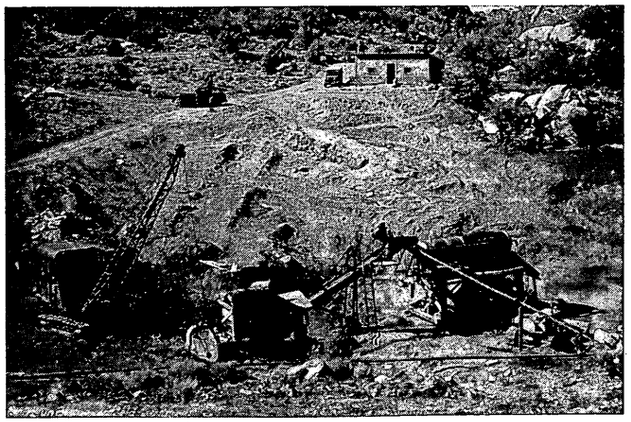

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