DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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DMA Docket No. 3656

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Cys to USBM and USGS
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Exploration

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Routing Slip

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CONTROLLED DOCUMENT

June 18,1955

RECEIVED
JUN 2 2 1955

Mrs.Ethel F.Martin
Rt.1-Mill Creek Canyon Park
Mentone, California

Re: Docket No.DMEA 3656-Tungsten,Mangan
Uranium, & Platinum --Mrs.Ethel Marti
EMAR, Golden Eagle,Primitive and Prim
Eagle groups of claims. San Bernardin
California.

Attention: Mr.W.S.Martin,Chief Iron & Ferro-alloy Div.

Dear Sir:
I am enclosing the report which I said would be coming. I have further enclosed the fieldtrip assays by Mr.Greusel.
We cannot completely rule out Mr.Greusels reports since he is apparently a qualified chemist and did much more checking than Mr.Carlisle, however, I do believe we should secure assays from other sources. At this point I would personally say that a medium of the two is the best point of view.
We have actually barely scratched the surface as far as exploration of the area is concerned. To do this properly will take money not just effort.
Our purpose in this exploration is because we feel that the formations have definite possibilities and since we live here it is to our benefit personally and may do the United States defenses a material benefit also. There wouldn't be anyone as well situated as we are to undertake this exploration. The results are needed by our government now not later that is why the loan is requested.
Only a check by your field team could be considered reliable in estimating the possibilities here.
Mr.Edward Roberts who is a qualified mining engineer and at present is in the position of Safety & rescue works for the State Bureau of mines in San Bernardino has offered his help to us in an advisory capacity. He made a trip out here and gave us some constructive advice.
There is much of this work plan which will undoubtedly have to be altered on an come to the bridge before you cross it basis.
I believe that you should have everything at hand now, to date.
Samples were sent in to Mr.Kiillsgaard. I have not made it a point to select these samples as chemical analysis should show their value.

Sincerely,
Mrs.Jas.E.Martin

Mrs. Jas. E. Martin

RECEIVED
JUN 2 2 1955

Geologic Report on the Martin Mining Claims
San Bernardino County, California

by

Donald Carlisle, Ph.D.

June 14, 1955

Field Work June 4, 1955

515 - 21st Place
Santa Monica, California
June 14, 1955

Mr. and Mrs. James E. Martin
Route 1, Mill Creek Canyon Park
Mentone, California

Dear Mr. and Mrs. Martin:

I am submitting herewith my report on your Emar Mining Claims on the East Fork of Mountain Home Creek in San Bernardino County. This is based upon the examination and geologic mapping that you requested. The field work was done on June 4 and included examination of seven showings indicated by yourselves and sampling at these showings.

The purpose of the examination has been to investigate the size and grade of possible ore bodies containing uranium or tungsten and the mode of their occurrence. In addition, the identification of four minerals has been confirmed by X-ray techniques by Mr. Robert L. Cooney.

I am very sorry to report that I have been unable to find any scheelite or rhodochrosite or anything approaching minable grades or widths for uranium or tungsten in the outcrops shown to me. In my opinion, representations as to minerals present and grades of ore said by yourselves to have been made to you by a person previously on the property are grossly inaccurate and misleading.

Yours sincerely,

Donald Carlisle

Donald Carlisle

DC:ER

Att: Mr. W. S. Martin:
We specifically asked Mr Carlisle to confine his examination to a completely unbiased opinion, since we had hired him specifically for the purposes mentioned in your letter which he reads.

The Martin (Emar) Mining Claims

San Bernardino County, California

Property

The whole property is reported by Mrs. Martin to consist of 6 adjacent one-quarter sections located as placer claims and 34 contiguous lode claims located on a part of the same ground as the placer claims in sections portions of (26) & (35) 26(?), 27(?), 34, and 35; T. 1 N., R. 1 W.; S.B.B.M. I examined only some of the 8 Emar lode claims in Section 34 on the East Fork of Mountain Home Creek since the best showings and most of the exploratory workings were reported to be here.

The lode claims were located between October, 1954, and April, 1955.

The property is entirely within the San Bernardino National Forest at an elevation of 5000 to 5800 feet. The Emar claims are adjacent to the new Barton Flats road about two miles north of the Mill Creek highway.

General Geology

The area is underlain by granitic intrusives ranging in composition from granite to diorite and including irregular patches with gneissose structure. These rocks have been further intruded by light colored aplite and

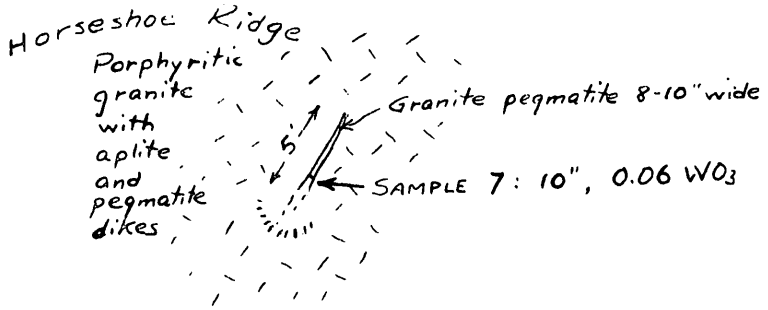
granite pegmatite dikes and some dark colored basic dikes all roughly contemporaneous. Most of the aplite and pegmatite dikes strike northeasterly to easterly and dip steeply to the north. The aplites and pegmatites apparently grade into each other locally.

The pegmatites are composed mainly of quartz, feldspar, and biotite slightly altered to a brownish-golden hue. Commonly the biotite is more abundant in the central part of the pegmatite and the sheets are up to 2 inches across. Most of the large sheets of biotite examined are slightly radioactive and some are notably so. A small pegmatite 4 to 8 inches wide and exposed for 10 feet on the north bank of the East Fork of Mountain Home Creek about 100 feet above the road (Emar 8 lode) contains about 5% of such biotite and is found to assay 0.021% U_3O_8 over the 8-inch width. This was shown to me as the type of material said to assay 0.15% U_3O_8 and presumably such a high assay might be obtained by selecting the biotite alone. Radioactive biotite occurs in many parts of southern California but is not known to constitute a uranium ore. Occurrences of this type are not promising uranium prospects.

not so. Mr. Greenall's assay material as kept for reference.

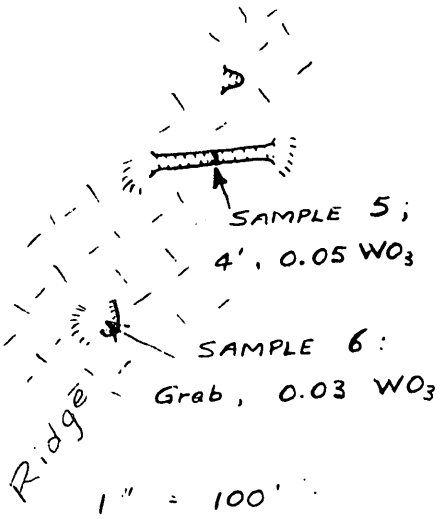
A tiny piece of a very strongly radioactive black mineral about 1/8 inch across was given to me by Mrs. Martin who reported that it occurred in a piece of pegmatite float on the Emar 5 or 6 lode. On the basis of physical properties and X-ray data, this is identified as

MAIN SHOWINGS ; EMAR CLAIMS



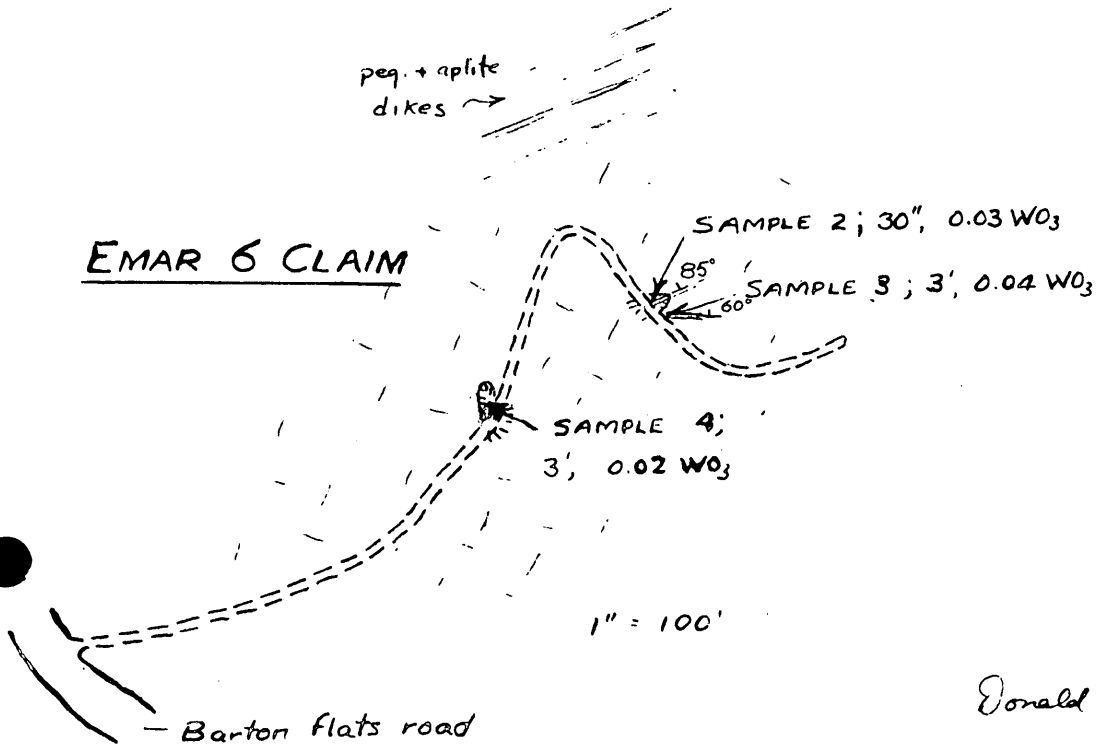
1" = 10'

EMAR 5 CLAIM



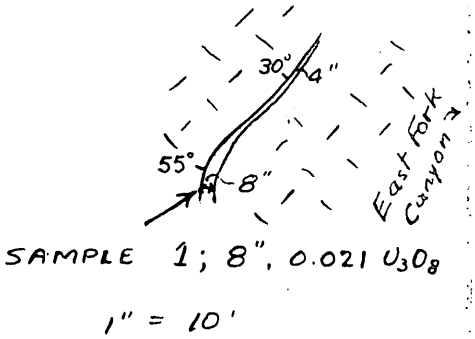
1" = 100'

EMAR 7 CLAIM



EMAR 6 CLAIM

1" = 100'



1" = 10'

EMAR 8 CLAIM

Donald Carlisle June 14 1955

pitchblende. Sporadically in the San Bernardino Mountains there are small occurrences of other minerals rich in uranium or thorium or both and although none of these as yet constitutes ore, it is not improbable that a minable concentration may occur. I consider the occurrence of this tiny piece of pitchblende float as the most promising aspect of the Martin claims. Considerable effort on the part of the owners, but no appreciable outlay in money, is well justified in a search for the source of this float or of other similar occurrences.

A brownish-tan crystalline mineral occurring in some of the pegmatite and thought by the owners as probably thoriamite is shown by physical properties and X-ray data to be sphene ($CaTiSiO_5$). It is of no commercial value. A black nonradioactive, nonmagnetic metallic mineral also occurring locally in the pegmatite is ilmenite ($FeTiO_3$), and of no commercial value in these amounts. Another black vitreous mineral with brownish surface and moderately radioactive is allanite, a silicate containing cerium and very small amounts of thorium and uranium. It is not commercial.

The flesh colored mineral occurring in the aplite dikes is orthoclase feldspar and not rhodochrosite, as reported by the previous examiner-assayer. The glassy mineral reflecting the visible blue light from an ultraviolet lamp is quartz and not scheelite, as apparently suggested by the previous examiner-assayer.

Remember not accurate. A sample of so-called rhodochrosite was not taken by Mr. Carlisle for assay.

We do have patches of actual fluorescence as reported to me by Mr. Kohler, mining engineer for U. S. Vanadium Corp. at Bishop, Calif.

The amounts of tungsten in samples 2 to 7 inclusive range from 0.02 to 0.06 percent WO_3 and are inconsequential. I have found no evidence to suggest that significant amounts of tungsten, manganese, gold, or silver might be expected in the occurrences shown to me.

A piece of greenish, heavy rock given to me by Mr. and Mrs. Martin from an area north of the claims examined by me and reported to contain appreciable amounts of vanadium and tin by assay is a serpentinized ultrabasic rock with magnetite inclusions. The assays should be checked by a different assayer. (taken from Volcanic blow up on GOLDENE.

Respectfully submitted,

Donald Carlisle

Donald Carlisle

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

400

JUL - 5 1955

Mrs. Ethel F. Martin
Route 1, Mill Creek Canyon Park
Mentone, California

Re: Docket No. DMEA 3656 - Tungsten, Manganese, Uranium, and Platinum
Mrs. Ethel F. Martin, et al.
Emar, et al., claims
San Bernardino County, California

Dear Mrs. Martin:

Your application for aid for an exploration project and other data available to us in Washington concerning the above referenced property have been reviewed.

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

Careful study of all our information indicates to us that the probability of disclosing minable reserves of tungsten, manganese, uranium, or platinum by your proposed program is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Exploration Program and for bringing this property to our attention.

As requested, we are returning the photographs submitted and the analyses by Fred B. Grunsal.

Sincerely yours,

FARutledge/foc
6-30-55
cc to: Docket
Code 400
Adm. Read. File

C. O. Mittendorf
Administrator

Enclosures

Oper. Comm.
FT. REG. II
Messrs. Holliday, USBM
Kiilsgaard, USGS

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

June 30, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $110,395.00
Docket No. 3656 - Tungsten, manganese, uranium and platinum
Mrs. Ethel F. Martin, et al.
Emar, et al., claims
San Bernardino County, Calif.

The denial of the subject application is recommended by this Division based on the following information:

1. The application was poorly prepared and no definite target was given for the exploration. The information submitted did not warrant submission of the application to the Field Team for an examination of the property.

2. Information submitted on behalf of the applicants by Mr. Fred B. Greusel's letter of May 4, 1955, was not pertinent.

3. A box of mineral specimens submitted by Mrs. Ethel F. Martin to T. H. Kiilsgaard, Geological Survey, contained no samples that would warrant further investigation.

4. A report dated June 14, 1955, by Donald Carlisle, Ph. D., on "Geologic Report on the Martin Mining Claims, San Bernardino County, California" states:

"I am very sorry to report that I have been unable to find any scheelite or rhodochrosite or anything approaching minable grades or widths for uranium or tungsten in the outcrops shown to me. In my opinion, representations as to minerals present and grades of ore said by yourselves to have been made to you by a person previously on the property are grossly inaccurate and misleading."

5. The Field Team's letter transmitting the subject application to Washington states: "There are no substantiating data that would indicate that the group of claims could be considered for a DMEA exploration loan or that would even justify the cost of a field examination."

6. The Commodity Division of the Geological Survey on February 21, 1955 concurred with the Field Team but recommended asking the applicants for more information.

7. The Commodity Division of the Geological Survey now concurs with the denial of the above-referenced application for exploration assistance.

8. The Commodity Division of the Bureau of Mines concurs with denial of the subject application.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

FARUTLEDGE/fec
6-30-55
cc to: Docket
Code 400
Adm. Read. File
Operating Comm.

400

JUN - 9 1955

400

Mrs. Ethel F. Martin
Route 1, Mill Creek Canyon Park
Mentone, California

Re: Docket No. DMEA 3656 -
Tungsten, Manganese,
Uranium, and Platinum
Mrs. Ethel F. Martin, et al.
Emar, et al., claims
San Bernardino County, Calif.

Dear Mrs. Martin:

This will acknowledge receipt of your letter of June 2, 1955, providing us with further information on the subject application.

We note that Mr. Greusel has advised you that uranium is the best possibility in your ore and that you have recently sent a 25-pound sample to the Atomic Energy Commission at the request of its Procurement Branch. We would be interested in receiving a copy of any comments that Agency may make to you thereon.

We note also that Donald Carlisle, U.C.L.A., is making a report to you and that in about two weeks we should have the information we requested.

Your photographs, which as you have requested will be returned to you at a later date, were received in good condition.

Sincerely yours,

W. S. Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Adm. Read. File
FT, Reg. 2 - Reno
Code 400
Mr. Thor Kiilsgaard, USGS
Mr. Robt. Holliday, USBM
Mr. Ellis, Code 700 (3 copies)

WSMartin/ls 6/8/55

MAY 2 - 1955

402

Mrs. Ethel F. Martin
Route 1, Mill Creek Canyon Park
Mentone, California

Re: Docket No. DMEA 3656 - Tungsten, Manganese, Uranium, and Platinum
Mrs. Ethel F. Martin, et al.
Emar, Golden Eagle, Primitive, and Primitive Eagle groups of claims
San Bernardino County, California

Dear Mrs. Martin:

Enclosed is a copy of a letter to us of May 4, 1955, from Fred B. Greusel, San Bernardino, California, together with a copy of our self-explanatory reply of today's date.

Sincerely yours,

W. S. Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

Enclosures

cc: Docket
FT, Reg. II--Reno
Code 400
Adm. Read. File
Thor Kiilsgaard, USGS
Robt. Holliday, USBM

WSMartin/ls
5/20/55

900

MAY 2 4 1955

Mr. Fred B. Greusel
Fred B. Greusel & Son
1258 Arrowhead Avenue
San Bernardino, California

Re: Docket No. DMEA 3656-Tungsten, Manganese, Uranium, and Platinum
Mrs. Ethel F. Martin, et al.
Emar, Golden Eagle, Primitive, and Primitive Eagle groups of claims
San Bernardino County, Calif.

Dear Mr. Greusel:

Your letter of May 4, 1955, advises us that you have made two field trips to the captioned claims and taken some 30 samples in which you found appreciable amounts of scheelite, manganese carbonate, and U_3O_8 in pegmatite, with gold and silver. You also offer to provide detailed information upon request.

The reported mineral association is peculiar. Consequently, as a mining geologist, you will agree that to deserve further consideration your report should be substantiated by a geological map showing where each of your channel samples was cut, with the corresponding assays and sample widths. Please show also the locations of whatever grab samples you took, and indicate whether each represents any appreciable quantity of material or is simply a selected specimen.

The most unusual item in your letter is the report of U_3O_8 in pegmatite. We could best determine whether this could be of interest to the Defense Minerals Exploration Program if we could have a small sample of your best ore (weighing about one pound) for our evaluation. If you are interested in submitting such a sample, please address it, postpaid, to: U. S. Geological Survey, Attention: Mr. Thor Kiilsgaard, Room 5222, Interior Department Building, Washington 25, D. C.

We do not believe that your clients should be subject to any further expense in this respect, and at the same time you will appreciate that we would not be justified in making a field examination unless new information could be submitted to indicate strongly that their prospect has more merit than is apparent from the data now available to us.

Sincerely yours,

W. S. Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
FT, Region II- Reno
Code 400
Adm. Read. File
Thor Kiilsgaard, USGS
Robt. Holliday, USBM

WSMartin/ls
5/20/55

C O P Y

402

FRED B. GREUSEL & SON
Chemists and Mining Geologists
1258 Arrowhead Ave.
San Bernardino, California
Phone 2 5174

Re: Docket 3656
W. S. Martin.

Iron-Ferro Alloy Div.

May 4, 1955.

United States Department of Interior,
Defense Material Exploration Administration,
Washington 25, D. C.

Gentlemen,

I have made two field trips to the claims of James and Ethel Martin & al in the vicinity of Mentone, San Bernardino County, California.

I have taken some thirty samples in place and find them to contain in appreciable amounts the following,

A. U_3O_8 in pegmatitic formation.
B. Scheelite, (WO_3).
C. Manganese (Carbonate).
D. Gold & Silver.

Their claims are properly filed upon according to the United States and California mining law, and time and money has been spent to get ready for production.

Mr. and Mrs. Martin are pioneers and of high repute and are trying in every way to develop the natural resources of this vicinity. Any detailed information I can furnish you will be given.

Sincerely,

Signed: Fred B. Greusel

400

APR - 4 1955

Mrs. Ethel F. Martin
Route 1 - Mill Creek Canyon Park
Mentone, California

Re: Docket No. DMEA 3656 - Tungsten,
Manganese, Uranium, & Platinum
Mrs. Ethel F. Martin, et al.
Ember, Golden Eagle, Primitive, &
Primitive Eagle groups of claims
San Bernardino County, California

Dear Mrs. Martin:

Reference is made to the above-docketed application for exploration assistance and our letter of March 2, 1955, with regard to the additional information needed to process your application.

In the interest of expediting the Defense Minerals Exploration Program, it would be appreciated if you would provide us promptly with the requested information.

Sincerely yours,

W. S. Martin, Chief
Iron and Ferro-Alloys Division

FARutledge:foc
4-1-55
cc to: Docket
Code 400
Adm. Reading File
FT. REG. II
Robert Halliday, USBM
Thor H. Kiilsgaard, USGS

400

MAR 2 - 1955

Mrs. Ethel F. Martin
Route 1 - Mill Creek Canyon Park
Mentone, California

Re: Docket No. DMEA 3656 - Tungsten, Manganese, Uranium, & Platinum
Mrs. Ethel F. Martin, et al.
Emar, Golden Eagle, Primitive, & Primitive Eagle groups of claims
San Bernardino County, California

Dear Mrs. Martin:

Your application for exploration assistance in exploring for tungsten, manganese, uranium, and platinum in a primitive area of the Mill Creek National Forest has been reviewed by the Iron and Ferro-Alloys Division, Defense Minerals Exploration Administration.

The information submitted with your application is insufficient to justify a field examination by the Government. To substantiate the occurrence of the above-named commodities on your property and permit us to consider your application further, you should provide us with the following data:

(1) Description of the geologic features of the property, including mineralization, type of deposit, and your reasons for wishing to explore. Illustrate with maps or sketches. Include any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

Because our information indicates that the metals for which you requested exploration assistance are geologically incompatible in economic quantities, it is suggested that you obtain the services of a professional geologist or mining engineer in submitting the requested data.

(2) Description of the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration as related to such features as contacts, veins, and ore-bearing beds.

(3) Detailed estimate of the costs for each type of work proposed.

We will, therefore, hold your application in abeyance until the requested data have been received.

Sincerely yours,

W. S. Martin, Chief
Iron and Ferro-Alloys Division

CC: Docket
Adm. Read. File
Code 400
FT, Reg. 2 - S. F.
W. McInnis, USBM
T. Kiilsgaard, USGS

FARutledge/ls
3/2/55

IN REPLY REFER TO:

402

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

February 21, 1955

Re: DMEA-3656
Harris & Underwoods
(Golden Eagle
Property)
San Bernardino Co.,
Calif.
Tungsten and others
$110,395

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

No specific exploration proposal has been presented. Other than two multiple metal assay sheets, there is no evidence of mineralization included in the application.

A denial appears to be in order. However, perhaps a letter which orients the applicants as to the purposes of the DMEA program and requests supporting maps and other pertinent data should be sent before a denial notice is sent to the applicants.

On basis of present application, I concur with the conclusions expressed by the Field Team in their January 27th transmittal memorandum.

E. L. Newcomb

ELNewcomb:hlm
G-2/21/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. W. Geehan, 3513

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

400

3656

420 Custom House
555 Battery Street
San Francisco 11, Calif

January 27, 1955

Memorandum

To: Defense Minerals Exploration Administration
Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application Forms MF-103 - Tungsten, Manganese, Uranium, etc.
Ethel F. Martin and Associates
Emar and Golden Eagle Claims
San Bernardino County, California

Attached are three sets of Application for Aid Forms MF-103 with two copies of a covering letter submitted by Mrs. Ethel F. Martin and Associates on the above-subject property. The fourth set has been retained for our records.

There are no substantiating data that would indicate that the group of claims could be considered for a DMEA exploration loan or that would even justify the cost of a field examination.

S. RICKER

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

DEPT. OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 31 1955

Mr. James E. Martin
(Ethel Frances Martin)
Rt. 1-Mill Creek Canyon Park
Mentone P.O. Calif.

Jan. 19, 195

Refer to	Notes	Date
[illegible]	[illegible]	[illegible] 55
Answered		

Dept. of the Interior
Defense Minerals Exploration Administrator
Washington 25, D.C.

Att: RegionIII Executive Officer DMEA
San Francisco, Calif.

Dear Sir:
You will find enclosed our application for loan for defense minerals exploration. I trust the enclosed material is that required.

We like this work am prefer to do our own and with such help we can. We sincerely believe that this program will be of direct benefit to our government and we intend to pursue our program with that aim in mind.

We believe the discoveries already made to be of sufficient value to take care of our share of costs. If not further funds can undoubtedly be secured from the Bank of America.

Please refer to 3rd & E. branch Bank of America and Baseline Branch Bank of America in San Bernardino, Calif. for any credit reference. Mr. Martin is presently employed and has been for the past 10 years at Jack Coyle Chevrolet in the capacity of Auto parts Dept. Manager, It was formerly Mid-Valley Chev. Co. in San Bernardino, Calif. We intend running our own mining project as far as is possible.

Sincerely,
Mrs. Ethel F. Martin
Representative locator for 6 Associates

Please return the enclosed assay reports when you are finished with them.
We had a radio activity return from U.S. Bureau of Mines, Salt Lake City, Utah. Sample Ref. no. UP-3009-2 Property location EMAR CLAIMS Dated 11/23/54 N.W. Section 35--Section 35 is incorrect it is 34.

[redacted]

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

DOCKET
SURNAME

400 Rutledge
Martin
Holliday
Guhon
Kilsgaard
Selfridge
Fitzmaurice

JUL - 5 1955

Mrs. Ethel F. Martin
Route 1, Mill Creek Canyon Park
Mentone, California

Re: Docket No. DMEA 3656 - Tungsten,
Manganese, Uranium, and Platinum
Mrs. Ethel F. Martin, et al.
Ewer, et al., claims
San Bernardino County, California

Dear Mrs. Martin:

Your application for aid for an exploration project and other data available to us in Washington concerning the above referenced property have been reviewed.

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

Careful study of all our information indicates to us that the probability of disclosing minable reserves of tungsten, manganese, uranium, or platinum by your proposed program is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Exploration Program and for bringing this property to our attention.

As requested, we are returning the photographs submitted and the analyses by Fred B. Grewsel.

Sincerely yours,

C. O. Mittendorf

Administrator

FARutledge/foc
6-30-55
cc to: Docket
Code 400
Adm. Read. File
Oper. Comm.
FT. REG. II
Messrs. Holliday, USBM
Kiilsgaard, USGS

Enclosures

P.C.S.

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

June 30, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $110,395.00
Docket No. 3656 - Tungsten, manganese, uranium and platinum
Mrs. Ethel F. Martin et al.
Emar, et al., claims
San Bernardino County, California

The denial of the subject application is recommended by this Division based on the following information:

1. The application was poorly prepared and no definite target was given for the exploration. The information submitted did not warrant submission of the application to the Field Team for an examination of the property.

2. Information submitted on behalf of the applicants by Mr. Fred B. Greusel's letter of May 4, 1955, was not pertinent.

3. A box of mineral specimens submitted by Mrs. Ethel F. Martin to T. H. Kiilsgaard, Geological Survey, contained no samples that would warrant further investigation.

4. A report dated June 14, 1955 by Donald Carlisle, Ph. D., on "Geologic Report on the Martin Mining Claims, San Bernardino County, California" states:

"I am very sorry to report that I have been unable to find any scheelite or rhodochrosite or anything approaching minable grades or widths for uranium or tungsten in the outcrops shown to me. In my opinion, representations as to minerals present and grades of ore said by yourselves to have been made to you by a person previously on the property are grossly inaccurate and misleading."

5. The Field Team's letter transmitting the subject application to Washington states: "There are no substantiating data that would indicate that the group of claims could be considered for a DMEA exploration loan or that would even justify the cost of a field examination."

6. The Commodity Division of the Geological Survey on February 21, 1955 concurred with the Field Team but recommended asking the applicants for more information.

7. The Commodity Division of the Geological Survey now concurs with the denial of the above-referenced application for exploration assistance.

8. The Commodity Division of the Bureau of Mines concurs with denial of the subject application.

W S Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

400 DOCKET SURNAME Rutledge Martin Holliday

June 30, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $110,395.00
Docket No. 3656 - Tungsten, manganese, uranium and platinum
Mrs. Ethel F. Martin et al.
Emar, et al., claims
San Bernardino County, California

The denial of the subject application is recommended by this Division based on the following information:

1. The application was poorly prepared and no definite target was given for the exploration. The information submitted did not warrant submission of the application to the Field Team for an examination of the property.

2. Information submitted on behalf of the applicants by Mr. Fred B. Greusel's letter of May 4, 1955, was not pertinent.

3. A box of mineral specimens submitted by Mrs. Ethel F. Martin to T. H. Kiilsgaard, Geological Survey, contained no samples that would warrant further investigation.

4. A report dated June 14, 1955 by Donald Carlisle, Ph. D., on "Geologic Report on the Martin Mining Claims, San Bernardino County, California" states:

"I am very sorry to report that I have been unable to find any scheelite or rhodochrosite or anything approaching minable grades or widths for uranium or tungsten in the outcrops shown to me. In my opinion, representations as to minerals present and grades of ore said by yourselves to have been made to you by a person previously on the property are grossly inaccurate and misleading."

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8. The Commodity Division of the Bureau of Mines concurs with denial of the subject application.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

FARUTIEDGE/foc
6-30-55
cc to: Docket
Code 400
Adm. Read. File
Operating Comm.

Copy of analyses submitted by Applicants

Reports by Fred B. Greusel & Son,
San Bernardino, Calif.

Laboratory No.	Au oz/ton	Ag oz/ton	Pt oz/ton	Mo %	WO_3 %	U_3O_8 %	Co %	Cu %	Si %
1253	0.03	Tr.	Tr.	--	1.35	0.05	---	---	
1266	0.33	0.5	Tr.	--	0.25	Tr.	0.0	0.5	
1024	0.03	---	--	--	0.45	0.05	---	---	
1022	0.05	0.5	--	--	---	0.07	---	---	
1025	0.02	Tr.	--	--	Tr.	0.05	---	---	
1027	0.01	Tr.	--	0.0	Tr.	0.075	---	---	Tr.
1021	0.07	0.6	--	--	0.50	0.05	---	---	
1023	Tr.	Tr.	--	Tr.	Tr.	0.10	---	---	Mn %
1026	Tr.	Tr.	--	0.0	Tr.	0.045	---	---	
1019	Tr.	---	--	Tr.	Tr.	0.09	---	---	14.5
1018	0.02	0.5	--	--	Tr.	0.05	---	---	
1020	0.03	---	--	--	Tr.	0.07	---	---	
1030	Tr.	0.0	--	0.0	0.25	0.02	---	---	
1028	Tr.	---	--	1.5	0.02	0.035	---	---	
1029	0.07	---	--	Tr.	0.50	0.075	---	---	
1001	---	---	--	--	---	0.15	---	---	

OFFICE OF THE ADMINISTRATOR

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

Re: The Martin claims, San Bernardino Co.

Thor

Donald Carlisle

6/24/55

Bill thought you should see this before we answer Mrs Martin. I do not know how he intends to handle but see no reason for not denying application

Rutledge

6/27/55

Thanks for letting me see Carlisle's report. His report seems to confirm my conclusions — that no exploration of the pegmatites is warranted.

D H Kulsgaard

IN REPLY REFER TO:

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

RECEIVED
JUN 30 1955

June 17, 1955

Mrs. Ethel F. Martin
Route 1, Mill Creek Canyon Park
Mentone, California

WSM

Dear Mrs. Martin:

I have examined the box of mineral specimens you forwarded here on June 6, 1955. With one exception these specimens proved to be pieces of pegmatite, the rocks consisting of quartz and feldspar with occasional traces of other pegmatitic minerals. The gray glassy mineral is quartz, the dull white to gray mineral is for the most part sodic feldspar, and the pink mineral orthoclase. One specimen, number 2, is a piece of biotite schist. I assume this rock is the country rock for that vicinity and that it encloses the pegmatite.

All specimens were checked with a scintillometer but none were found to be radioactive. No chemical tests were made on the rocks as we do not do that kind of work, however, no ore minerals were seen that would warrant chemical analysis.

If these specimens are characteristic of your deposits I doubt if they warrant further exploration. While it is possible for pegmatites to contain radioactive minerals such occurrences in commercial quantities are very rare. Certainly there is no evidence in your specimens that would suggest an appreciable amount of uranium mineralization.

If you have further mineral specimens you would like to have identified we will be happy to examine them for you, however, we suggest that in such instances you contact the California Division of Mines and Geology, Ferry Building, San Francisco. That agency is available for such work and, being closer to your locality, would probably give you more information than we can.

Sincerely,

T. N. Kiilsgaard
Staff Assistant for DMEA

CC: W. S. Martin

DOCKET
Surname:
Martin
Ellis
Mathews

700

JUN - 9 1955

Mrs. Ethel F. Martin
Route 1, Mill Creek Canyon Park
Mentone, California

Re: Docket No. DMEA 3656 -
Tungsten, Manganese,
Uranium, and Platinum
Mrs. Ethel F. Martin, et al.
Emar, et al., claims
San Bernardino County, Calif.

Dear Mrs. Martin:

This will acknowledge receipt of your letter of June 2, 1955, providing us with further information on the subject application.

We note that Mr. Greusel has advised you that uranium is the best possibility in your ore and that you have recently sent a 25-pound sample to the Atomic Energy Commission at the request of its Procurement Branch. We would be interested in receiving a copy of any comments that Agency may make to you thereon.

We note also that Donald Carlisle, U.C.L.A., is making a report to you and that in about two weeks we should have the information we requested.

Your photographs, which as you have requested will be returned to you at a later date, were received in good condition.

Sincerely yours,

W. S. Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Adm. Read. File
FT, Reg. 2 - Reno
Code 400
Mr. Thor Kiilsgaard, USGS
Mr. Robt. Holliday, USBM
Mr. Ellis, Code 700 (3 copies)

WSMartin/ls 6/8/55

R.C.S.

Mrs.Ethel F. Martin
Pt.1-Mill Creek Canyon Rk.
Mentone P.O., Calif.
June 2,1955

Re: Docket No. DMEA 3656
EMA-Golden Eagle&Primitive Mines
San Bernardino Co.,Calif.
Att: W.S. Martin,Chief Iron and Ferro-Alloys Div.

RECEIVED
JUN - 6 1955

Dear Mr.Martin:

I agree with you that this is being handled in a peculiar fashion. Let us say that Mr.Greusel is acting peculiar. I have been thinking so for sometime now but I haven't figured things out. Mr. Greusel is well known in San Bernardino and in the neighborhood where he lives and has his business. He was well recommended by the druggist and grocer whom I also deal with. They understood that he is called on occassionally by the A.E.C. His advertising shows Chemist-Geologist. He has told me that he also represents Vanadium Corp. of America. He makes field trips for people. He charges $150.00 plus sampling. He carries a scintillometer and geiger and takes pictures. He expressed the wish to make such atrip for us.

When I received your letter I told Mr.Greusel that you wanted such information we were at that time waiting for word from E.E.C. as we had sent in some samples and wished to relay the information to you. Mr.Greusel said when I told him about your letter,'Well, "Ibelieve you had better have me make a trip out there." I asked him if he could give us the information you wanted and make maps etc. He said he would. He also told my husband in answer to the direct question if he would furnish you with a geological report that he would.

When he came out here he presented us with a contract to sign stating that it was for our mutual protection since his insurance required it. The contract covered the items named above. He said if he didn't give us our moneys worth he would return our money if we weren't satisfied.

We realized when we signed the contract what could be happening but we had no reason to believe that he would not keep his stated promises.

He said that it would take him three weeks to complete everything. After that length of time he gave me a batch of assays and the pictures one group of pictures he claimed to have lost. I had them made up from the originals which I had retained and charged them to him. I still don't know anything tangible but these are the proceedings.

I asked him if he had sent you the report etc. and he said. "Well,no. What was it you wanted." I told him he had better make the report. He said, "I guess I had better come up there again and measure the openings since you have more done and send that in to." He did that one morning taking additional samples. In these samples we had Tungsten wO3 1.75 and.50 with Cobalt traces. Thorianite .10% in Manganese (Rhodochrosite) Our hottest material to date was a micaceous material in a Tungsten wo3 .15%. chem. 4308 After we got back to our residence about noon. He requested that I write a letter stating that I would like a sampling report and also to sketch a map for him of the area he had covered to date. I did this thinking this peculiar. He said that he would advise sending the sampling report as it would be more to the point and propably satisfy you better. I honed to speed things up by complying with his wishes and I figured that maybe he knew more about such things than we did. Again he took his time and finally with positive insistence he did send the letter. I asked him if he sent the map or anything else. He said he wasn't supposed to send anything else. If you called on him for further information he would furnish it if it was within his scope. Since this occurred I have had two people warn me and tell me anything from him wasn't worth the paper it was written on.

cont. - 2 -

One man was so emphatic and in front of witnesses I decided to check on Mr.Greusel at the places he suggested I should. The former D.A.Ted Crumm. Idid that. Mr.Crumm said that Mr.Greusels' son was in jail for a series of robberies but Mr.Greusel was O.K. and he even recommended him to people.

I dedided also to see Mr.Gray in San Bernardino who is also advertising and making these field trips as a geologist, with aerial pictures. Mr.Gray was not there so I put the problem before the secretary. She replied that Mr.Greusel knew his business and was all right and that they had him do their assays also.

Mr.Greusel claims to know Robt.Nininger and visited him at his home. He recently made a trip to Vanadium Corp. of America. On May 26th I called him on the phone and he said that he was leaving for Grand Junction,Colo. to the A.E.C. and he would check with them about my samples which I had recently sent 25 Lbs. at their request to the procurement branch.

I have other committments out now on the purchase of Tungsten and Manganese ores. We have filed on 960 Acres to date and have completed considerable more work since our application. We have discovered many more ore bodies of Tungsten and a tin&Vanadium ore which we have not had a complete analysis on as yet. I sent some in with the 25 lbs. to A.E.C. We have to date paid Mr.Greusel $277.00 for assays and the field trip also an additional $50.00 for a field light. He sells geigers and lights also. I have been trying to get him by phone since your letter but he apparently hasn't returned from Colorado as yet.

Since I wasn't satisfied with the handling of things I wrote the Bureau of Mines for a list of geologists. I contacted Donald Carlisle,U.C.L.A. to make the report for you. He charges $100.00 per day plus expenses.& sampling costs. It will be about two weeks and you should have the information you requested. I am sorry there has been such delay. I have decided not to tell Mr.Greusel that we are getting Mr.Carlisle and we'll sort of let him sweat it out. Maybe it will serve as a double check and we can get at his angle. He has said that he has great faith in our project and that he is not taking any more money from us. He said to bring in anything new and he will assay without charge. I have taken him at his word and when he assayed without charge, if he did, he didn't give me the results.

Despite Mr.Greusel I believe that we do have a very rich area here. I have studied Lindgren and Von Bernewitz hand book for miners is my companion. I also run some Chem.tests. I have read Robt.Niningers book and many others. This area was very brushy and would have been missed if we weren't such curiosity people. We have lived here for 10 years and have covered practically all the area in the San Bernardino Mts. I am like a blood-hound. I find rocks and formations just too interesting. This area has a reputation of tremendous faulting which it deserves but this particular area shows every evidence of being sufficiently intact to be economically mined. Most of the veins are apparent from the outcroppings. So far the work we have done openings etc. shows we are right. The only question is would the ore be too complexe or of too low grade. Mr.Greusels assays show them to be of economic value. I could go on and on but I know you prefer a schooled geologists say so. Mr.Greusel once said that he would like to be in our position and said that he would invest $2000.00 if he were to form a corporation. He also knew of a man who would invest $50,000.00. I asked him what he thought was our best possibility in ore. He said Uranium was. Well that is the way I know it you can draw your own conclusions. I would say that for some reason Mr.Greusel is not anxious for us to get this loan.

The new highway made the inaccessible accessible also.

Sincerely, Mrs.Jas.E.Martin.

Mrs. Jas. E. Martin.

DOCKET
Surname:

Martin
Kilsgaard
Mitchell

MAY 2 4 1955

Mrs. Ethel F. Martin
Route 1, Mill Creek Canyon Park
Mentone, California

Re: Docket No. DMEA 3656 - Tungsten, Manganese, Uranium, and Platinum
Mrs. Ethel F. Martin, et al.
Emar, Golden Eagle, Primitive, and Primitive Eagle groups of claims
San Bernardino County, California

Dear Mrs. Martin:

Enclosed is a copy of a letter to us of May 4, 1955, from Fred B. Greusel, San Bernardino, California, together with a copy of our self-explanatory reply of today's date.

Sincerely yours,

W. S. Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

Enclosures

cc: Docket
FT, Reg. II--Reno
Code 400
Adm. Read. File
Thor Kiilsgaard, USGS
Robt. Holliday, USBM

WSMartin/ls
5/20/55

R.C.S.

400

DOCKET
Surname:
Martin
Kilgaard
Mattendorf

MAY 2 4 1955

Mr. Fred B. Greusel
Fred B. Greusel & Son
1258 Arrowhead Avenue
San Bernardino, California

Re: Docket No. DMEA 3656-Tungsten, Manganese, Uranium, and Platinum
Mrs. Ethel F. Martin, et al.
Kmar, Golden Eagle, Primitive, and Primitive Eagle groups of claims
San Bernardino County, Calif.

Dear Mr. Greusel:

Your letter of May 4, 1955, advises us that you have made two field trips to the captioned claims and taken some 30 samples in which you found appreciable amounts of scheelite, manganese carbonate, and U_3O_8 in pegmatite, with gold and silver. You also offer to provide detailed information upon request.

The reported mineral association is peculiar. Consequently, as a mining geologist, you will agree that to deserve further consideration your report should be substantiated by a geological map showing where each of your channel samples was cut, with the corresponding assays and sample widths. Please show also the locations of whatever grab samples you took, and indicate whether each represents any appreciable quantity of material or is simply a selected specimen.

The most unusual item in your letter is the report of U_3O_8 in pegmatite. We could best determine whether this could be of interest to the Defense Minerals Exploration Program if we could have a small sample of your best ore (weighing about one pound) for our evaluation. If you are interested in submitting such a sample, please address it, postpaid, to: U. S. Geological Survey, Attention: Mr. Thor Kilgaard, Room 5222, Interior Department Building, Washington 25, D. C.

R.S.S.

We do not believe that your clients should be subject to any further expense in this respect, and at the same time you will appreciate that we would not be justified in making a field examination unless new information could be submitted to indicate strongly that their prospect has more merit than is apparent from the data now available to us.

Sincerely yours,

W. S. Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
FT, Region II- Reno
Code 400
Adm. Read. File
Thor Kiilsgaard, USGS
Robt. Holliday, USBM

WSMartin/ls
5/20/55

ENTAL, MICROSCOPICAL
EMICAL ANALYSIS OF ORE

QUALIFIED EXPERT TESTIMONY IN
CITY, COUNTY, STATE AND FEDERAL COURTS

FRED B. GREUSEL & SON
CHEMISTS AND MINING GEOLOGISTS
1258 ARROWHEAD AVE.
SAN BERNARDINO, CALIFORNIA
PHONE 2-5174

Re. Docket 3656
W.S.Martin.

DEPARTMENT OF THE INTERIOR
Office of the Solicitor General
RECEIVED
MAY 4 - 1955

Iron-Ferro Alloy Div.

May 4, 1955.

United States Department of Interior,
Defense Material Exploration Administration,
Washington, 25, D.C.

3656

WSM

Gentlemen,

I have made two field trips to the claims of James & Ethel Martin & al in the vicinity of Mentone, San Bernardino County, California.

I have taken some thirty samples in place and find them to contain in appreciable amounts the following,

A. U_3O_8 in pegmatitic formation.
B. Scheelite, (WO_3).
C. Manganese (Carbonate).
D. Gold & Silver.

Their claims are properly filed upon according to the United States and California mining laws, and time and money has been spent to get ready for production.

Mr. & Mrs. Martin are pioneers and of high repute and are trying in every way to develop the natural resources of this vicinity. Any detailed information I can furnish you will be given,

Sincerely,

Fred B Greusel

LET US VALUATE YOUR CLAIMS OR MINING PROPERTY
FIELD TRIPS TO ANYWHERE IN THE UNITED STATES, MEXICO OR CANADA

DOCKET
SURNAME

400

Rutledge
Yeqtin
Matenaly

APR - 4 1955

Mrs. Ethel F. Martin
Route 1 - Mill Creek Canyon Park
Mentone, California

Re: Docket No. DMEA 3656 - Tungsten,
Manganese, Uranium, & Platinum
Mrs. Ethel F. Martin, et al.
Emer, Golden Eagle, Primitive, &
Primitive Eagle groups of claims
San Bernardino County, California

Dear Mrs. Martin:

Reference is made to the above-docketed application for exploration assistance and our letter of March 2, 1955, with regard to the additional information needed to process your application.

In the interest of expediting the Defense Minerals Exploration Program, it would be appreciated if you would provide us promptly with the requested information.

Sincerely yours,

SIGNED

W. S. Martin, Chief
Iron and Ferro-Alloys Division

FARutledge:foc
4-1-55
cc to: Docket
Code 400
Adm. Reading File
FT. REG. II
Robert Holliday, USBM
Thor H. Kiilsgaard, USGS

R.C.S.

DOCKET
Surname:
Rutledge
Martin
Mitchell

MAR 2 - 1955

Mrs. Ethel F. Martin
Route 1 - Mill Creek Canyon Park
Mentone, California

Re: Docket No. DMEA 3656 - Tungsten, Manganese, Uranium, & Platinum
Mrs. Ethel F. Martin, et al.
Emar, Golden Eagle, Primitive, & Primitive Eagle groups of claims
San Bernardino County, California

Dear Mrs. Martin:

Your application for exploration assistance in exploring for tungsten, manganese, uranium, and platinum in a primitive area of the Mill Creek National Forest has been reviewed by the Iron and Ferro-Alloys Division, Defense Minerals Exploration Administration.

The information submitted with your application is insufficient to justify a field examination by the Government. To substantiate the occurrence of the above-named commodities on your property and permit us to consider your application further, you should provide us with the following data:

(1) Description of the geologic features of the property, including mineralization, type of deposit, and your reasons for wishing to explore. Illustrate with maps or sketches. Include any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

Because our information indicates that the metals for which you requested exploration assistance are geologically incompatible in economic quantities, it is suggested that you obtain the services of a professional geologist or mining engineer in submitting the requested data.

(2) Description of the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration as related to such features as contacts, veins, and ore-bearing beds.

R.C.R.

(3) Detailed estimate of the costs for each type of work proposed.

We will, therefore, hold your application in abeyance until the requested data have been received.

Sincerely yours,

W. S. Martin, Chief
Iron and Ferro-Alloys Division

CC: Docket
Adm. Read. File
Code 400
FT, Reg. 2 - S. F.
W. McInnis, USBM
T. Kiilsgaard, USGS

FARutledge/ls
3/2/55

IN REPLY REFER TO:

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

February 21, 1955

Copy retained 100.

Ethel F. Martin + Assoc

Re: DMEA-3656
(Harris & Underwoods)
(Golden Eagle Property)
San Bernardino Co., Calif.
Tungsten and others
$110,395

WSM

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

No specific exploration proposal has been presented. Other than two multiple metal assay sheets, there is no evidence of mineralization included in the application.

A denial appears to be in order. However, perhaps a letter which orients the applicants as to the purposes of the DMEA program and requests supporting maps and other pertinent data should be sent before a denial notice is sent to the applicants.

On basis of present application, I concur with the conclusions expressed by the Field Team in their January 27th transmittal memorandum.

E. L. Newcomb

E. L. Newcomb

Copy retained 100.

IN REPLY REFER TO:

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

February 21, 1955

Re: DMEA-3656
Harris & Underwoods
(Golden Eagle
Property)
San Bernardino Co.,
Calif.
Tungsten and others
$110,395

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

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E. L. Newcomb

ELNewcomb:hlm
G-2/21/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. W. Geehan, 3513

IN REPLY REFER TO:

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

February 21, 1955

Re: DMEA-3656
Harris & Underwood
(Golden Eagle
Property)
San Bernardino Co.,
Calif.
Tungsten and others
$110,395

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

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E. L. Newcomb

ELNewcomb:hlm
G-2/21/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. W. Geehan, 3513

January 31, 1955
Subject: DMEA 3656
Re: Exploration Assistance
Emar and Golden Eagle
Claims

Mrs. Ethel F. Martin
Route 1, Mill Creek Canyon Park
Mentone P. O., California

Dear Mrs. Martin:

The receipt of your application dated January 19, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 3656 and referred to the Iron and Ferro-Alloys Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

January 31, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region II

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region II.

DMEA - 3656 **Ethel F. Martin (Mrs. James E.) and Associates**

Robert E. Adams,
Chief, Operation's Control
and Statistics Division

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

420 Custom House
555 Battery Street
San Francisco 11, Calif

January 27, 1955

Memorandum

To: Defense Minerals Exploration Administration
Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application Forms MF-103 - Tungsten, Manganese, Uranium, etc.
Ethel F. Martin and Associates
Emar and Golden Eagle Claims
San Bernardino County, California

Attached are three sets of Application for Aid Forms MF-103 with two copies of a covering letter submitted by Mrs. Ethel F. Martin and Associates on the above-subject property. The fourth set has been retained for our records.

There are no substantiating data that would indicate that the group of claims could be considered for a DMEA exploration loan or that would even justify the cost of a field examination.

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Mr. James E. Martin
(Ethel Frances Martin)
Rt. 1-Mill Creek Canyon Park
Mentone P.O. Calif.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 31 1955

Jan. 19, 195

Refer to	Notes	Date
[illegible]	[illegible]	[illegible] 55
Answered		

Dept. of the Interior
Defense Minerals Exploration Administrator
Washington 25, D.C.

Att: RegionlII Executive Officer DMEA
San Francisco, Calif.

Dear Sir:
You will find enclosed our application for loan for defense minerals exploration. I trust the enclosed material is that required.

We like this work and prefer to do our own and with such help we can. We sincerely believe that this program will be of direct benefit to our government and we intend to pursue our program with that aim in mind.

We believe the discoveries already made to be of sufficient value to take care of our share of costs. If not further funds can undoubtedly be secured from the Bank of America.

Please refer to 3rd & R. branch Bank of America and Baseline Branch Bank of America in San Bernardino, Calif. for any credit reference. Mr. Martin is presently employed and has been for the past 10 years at Jack Coyle Chevrolet in the capacity of Auto parts Dept. Manager, It was formerly Mid-Valley Chev. Co. in San Bernardino, Calif. We intend running our own mining project as far as is possible.

Sincerely,
Mrs. Ethel F. Martin
Representative locator for 8 Associates

Please return the enclosed assay reports when you are finished with them.
We had a radio activity return from U.S. Bureau of Mines, Salt Lake City, Utah. Sample Ref. no. UP-3009-2 Property location EMAR CLAIMS Dated 11/23/54 N.W. Section 35--Section 35 is incorrect it is 34.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED

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

Not to be filled in by applicant

Docket No. 3656
Metal or Mineral Tungsten, Manganese, Platinum
Date Received 1-31-55
Estimated Cost $110,395
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Ethel Frances Martin(Mrs.James E.),Rt.1-Mentone P.O.,California. James Earl Martin,Carolyn Marie Martin,Burton James Martin(minor) Steven David Martin,(minor)Dorothy Mae Underwood(MrsJack)Jack Underwood, Roger Harris.(Eight Associates)residence 4 miles from claims.

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Lien to include the following mining claims: Five (5)Acres within Golden Eagle Placer,Recorded-Book 351Page 459,for Offices or buildings, Flat area. Rich area: EMAR I,Lode claim in N.W. Section 34;The Golden Eagle I,Lode,in S.W. Sec.27,T.1.N.,R.1.W.,S.B.B.M. Mill Creek National Forest Area. EMAR I,Recorded Book349Page363,Eagle I, Book351,Page 458,San Bdno.Co.Records.

(*b*) State the mining claim which you have located or intend to locate.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract or otherwise Mining Claims in National Forest Area. Ethel F.Martin-Representative Locator.

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

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

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

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

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

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

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. Situated on the new Barton Flats F.W.P. road.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. Situated near available named necessities. To date discovery work points to geologic formations of great strategic and valuable mineral possibilites.(See Assay reports and geology)

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore U308, Tungsten Scheelite WO3, Manganese, Platinum Family. Possibilities of others.

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

(*c*) The work will start within 10 days and be completed within 24 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. James E. Martin, Mgr. capacity with General Motors, 18 yrs.

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

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

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. none

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

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

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. none

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

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

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

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

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

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

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

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated Jan. 19, 1955

James E. Martin
Mrs. Jas. E. Martin
(Applicant)

By Ethel Frances Martin
Rep. locator for 8 Associates

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

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

ESTIMATE OF COSTS: Figured on a basis of 2[illegible] months maintenance.

(a) Independent contracts-None.

(b) Labor, supervision, consultants:

Supervisor and assistant: Mo.-$600.		$14,400.
Bookkeeper,acct.,office mgr." - 400.		9,600.
Field foreman,general " - 400.		9,600.
General laborers -4- " - 400.each		38,400.
(driver included)		
Outside engineering and geological consultant part time---		2,500.
(Mr.Fred Greusel,assayer,Toxicologist, and engineer and Son)		
1258 Arrowhead Ave.San Bernardino, Calif.Phone-2-5174		

Mr.James Martin Supervisor--18 yrs.in that capacity with General Motors dealerships, 8 years with Richardson Motor Salinas, Calif. Chev.dealer.10 " with San Bernardino,Calif. 3rd and Arrowhead.now Jack Coyle.formerly Mid-Valley Chev.

Bookkeeper-Roger Morris. Ex-G.I. with Bank of America. 3rd St. San Bernardino, Calif.

Jack Underwood-Ex.G.I. Working on G.I. bill at Norton Base foreman training.
Mrs.Jas.Martin-Asst.supervisor-Contracting and general bus. experience. Original locator and discoverer of minerals. Mineral hobby for many years and well read and field work. Have all been getting practical field work at present claims.

Total labor etc. $74,500. --74,500.

Less than $50.00 but figured for 24 mo. maint.
(c)Operating materials and supplies:

Electric power after installation @ $200. per mo.		4,800.
Water free after installation on property.Elect.pumped.----------		
Fuel(gasoline & oil)		8,760.
Misc.supplies: Electric outlets------		100.
Wheel barrows (6) ---------- @$50. each--------		300.
dynamite, nails, hammers,shovels,axes,hand saws, rope, rubber hose, bookkeeping and general office supplies-----		600.
Approx. 1000ft. cable 50¢.per ft.	----	500.
pipe -------- 1000 ft. 2 " 30¢"- ----	----	300.
Total oper.supplies		15,310.--15,310.

(d)Operating equipment(over $50.):

Dump truck (new)6 ton cap.-- Chevrolet.	---	8,000.
Pick up (new) 3/4 ton-------- "	--	1,800.
Electric drill ----------	--	100.
Chain saw ---------- (new)	---	400.
Scintillator Counter for rad.detection.----------		1,000.
Office equipment,(typewriter,desk,comb.safe & files------		285.
		11,585.--11,585.

(e)none--
(f)New buildings,improvements,installations:

Initial electrical power installation ----------	2,000.

cont.2

(f)cont. [redacted]e following incl.material[redacted]only:

New buildings,lumber,plumbing etc.----------		$1,000.	
elevators ---------- (3)~~$500/each~~	-------	500.	
Hoppers and chutes (3)---------	-------	500.	
Initial water installation;pipe,pressure pump&connections-- 300ft.alt.		1,000.	
(g)Miscellaneous:	Totals--	~~$5,000.~~	5,000.
Cost of truck and pick up maintenance and pumps etc.-------		600.	
Rentals of misc. power shovel,grader general----------		1,500.	
Workmens comp.,F.L.F.D.employers,pay roll taxes---------- (8 employees @$50.00 per mo.2 yrs.basis -------		1,200.	
	Totals		
(H) Contingencies not previously figured:		3,300.	3,300.
Roadway construction,entrances and to hoppers------no.1---		200.	
	no.2---	200.	
sub contracting-equip & labor	no.3---	300.	
	Total-----	700.	700.
	Grand totals		$110,395.00

U308,Tungsten

Scheelite Wo3,Manganese, Platinum Family. Possibilities of others.

10 24

James Earl Martin,Mgr.capacity with General Motors 18 yrs.

none.

none.

X

application copy.

Ethel Frances Martin(Mrs.James E.),Rt.1-Mentone P.O.,California.
James Earl Martin,Carolyn Marie Martin,Burton James Martin(Minor)
Steven David Martin(Minor)Dorothy Mae Underwood,(Mrs.Jack Underwood)
Jack Underwood, Roger Harris.(Eight Associates) residence 4 mi.from claims
Harris &Underwoods San Bernardino.

Lien to include the following claims:Five(5)
Acres within The Golden Eagle Placer for buildings,Flat Area. Recorded
Book 351Page 459, Rich area:EMAR I,Lode claims in N.W. Section 34; The
Golden Eagle Lode I,Recorded Book351,Page 458.San Bdno.Co.records.
G.Eagle in Section S.W.Sec.27,R.1.W.,T.1.N.,S.B.B.M. in National
Forest Area(Mill Creek N.Forest.)
Ethel Frances Martin,Representative Locator.
Owner,Manager.,James Earl Martin,Owner Mgr.,(Husband,wife.)

Copy enclosed of map and geologic assays.
Situated on the new Barton Flats F.W.P. road.

Situated near available named necessities. To date discovery work
points to geologic formations of geat strategic and valuable mineral
possibilitées.(See Assay reports)(geology)

28 electricity

V Adit • monument.

New Barlow Flats Road

S.W. 27

5 Acres for blue main hopper

Golden Eagle - S.E. 27.

Entrance Road - Bldgs + future mill-site after exploration -

gulley

gold - good in this area.

8 lodes filed in this area - 1 to 28 named PRIMITIVE - 1 to 8 PRIMITIVE EAGLE - 3 to.

Area claimed for road filled trails - Cartographer faulting not too serious but topographical - grametic map - topo. & rest. of adjacent area - "tailed" - Probably same as Bishop area - Raised platers - Graphite - Black - Sands - Heavy & pebbles -

gulley

ent. R. Rd. hopper - chute

chute

GE. I.

EMAR + Golden Eagle - Lodes I

MARKER 4181 + 92

rich zone

gulley

horseshoe

33

Road

Hopper chute

EMAR I.

N.E. 34

South-side Radiation - More -

Further exploration to determine extent & value of 11308 -

gulley

Scheelite WO3 - 1.35%

water pipe - 300 feet

gulley

creek

EMAR.

MARKER -

160 A. PLACER.

T. 1 N. R. 1 W.

B.M.

1 mile of Volcanic

Primitive Area = 35

35

Grandford pass. Sans

Cinder

formations extrusive & intrusive
igneous volcanic
pegmatites but not true pegmatite
expect good silver & lead, platinum good
possible rutile & manganese
(rodochrosite)
dolomite
too siliceous.

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

OFFICIAL BUSINESS

Bureau of Mines
P. O. Box 560
Juneau, Alaska

AIR MAIL 6¢ U.S. POSTAGE
AIR MAIL 6¢ U.S. POSTAGE
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[redacted]

ALASKA

VIA AIR MAIL

MAP

~~U. S. DEPARTMENT OF THE INTERIOR~~

~~DEFENSE MINERALS EXPLORATION ADMINISTRATION~~

~~WASHINGTON 25, D. C.~~

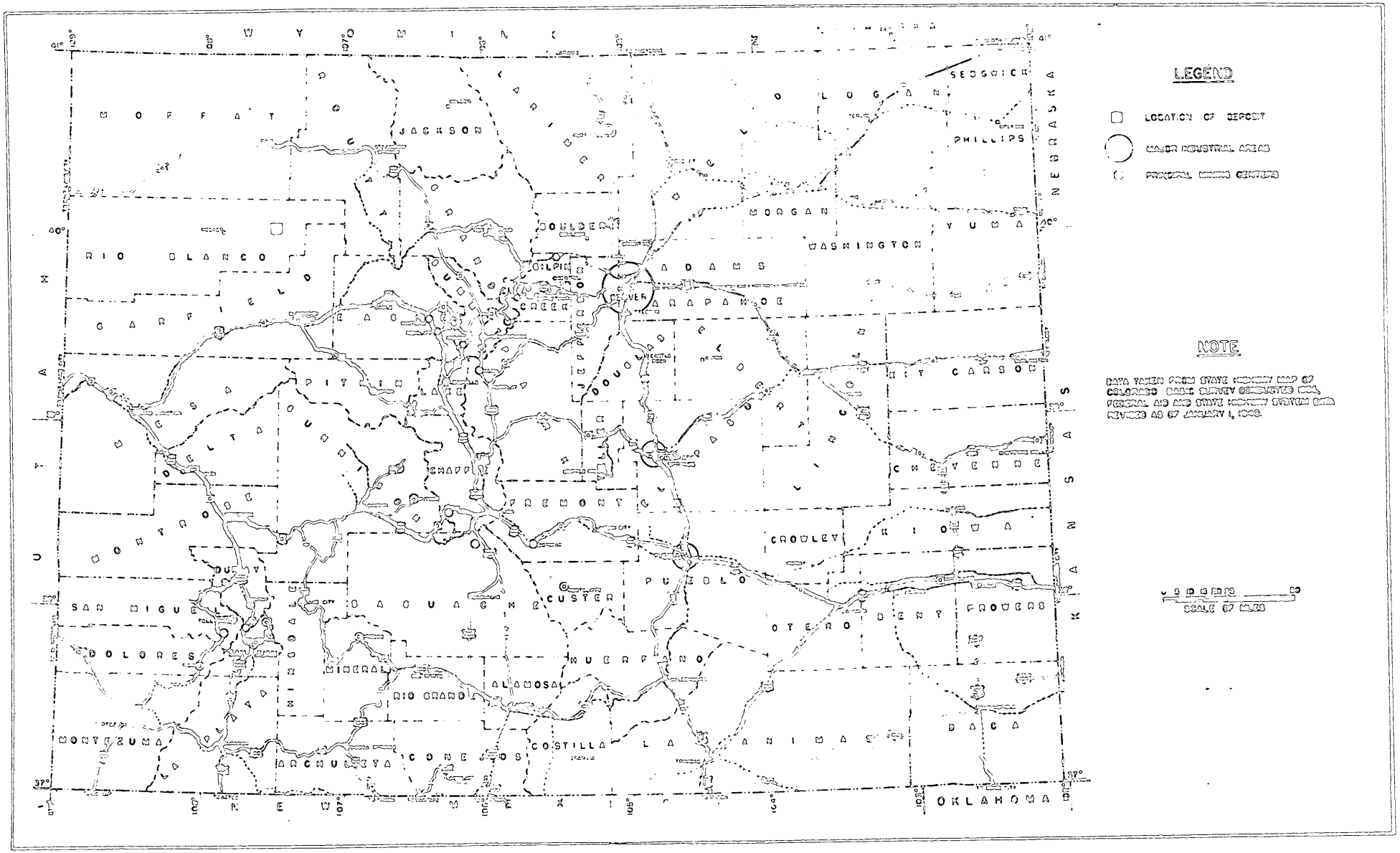

FIGURE 1 - LOCATION MAP, GUY STEALEY CLAIMS, UNCOMPAHGRE URANIUM, INC., RIO BLANCO COUNTY, COLO. DHEA 3672

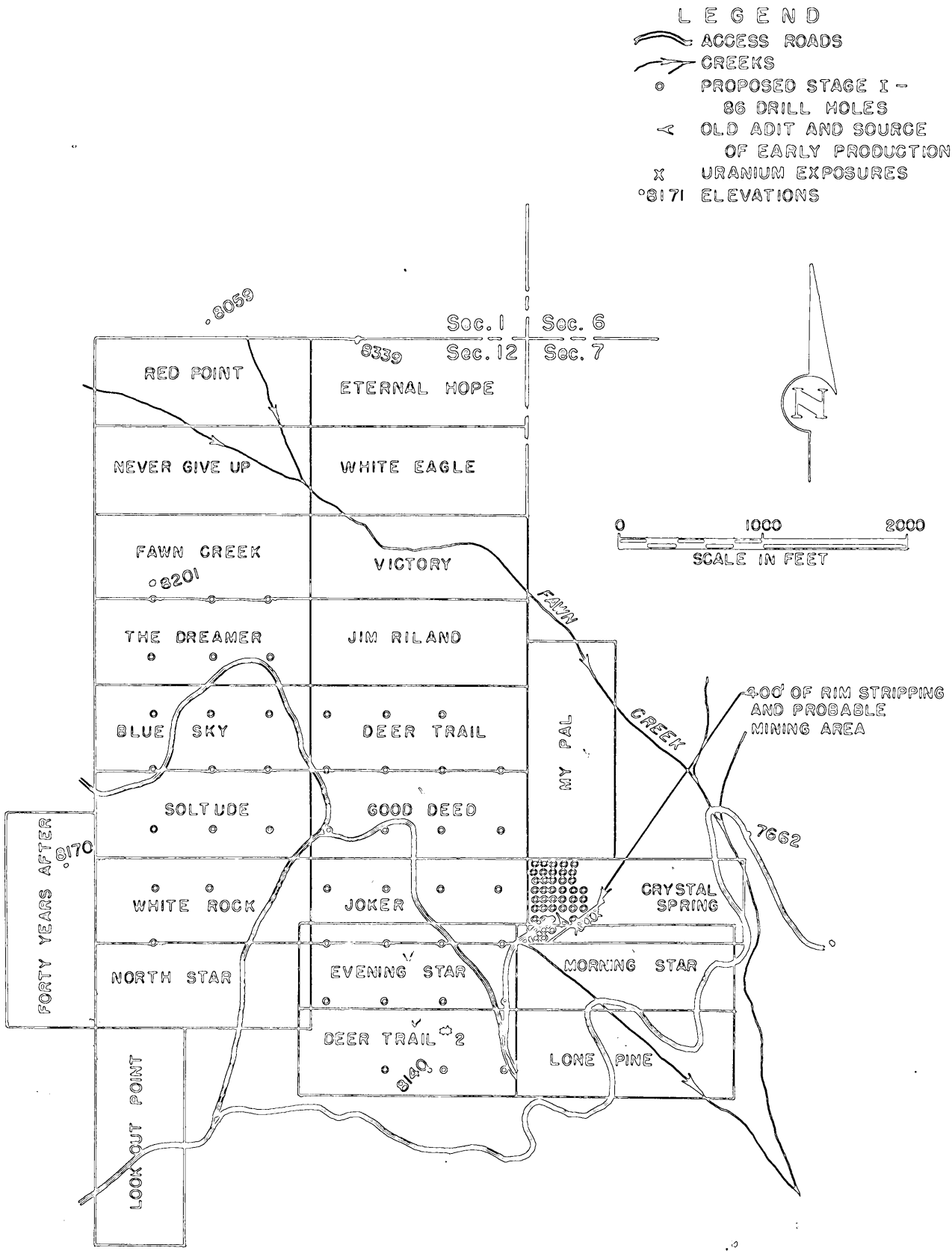

FIGURE 2 - PROPERTY AND EXPLORATION MAP, GUY STEALEY, CLAIMS, UNCOMPAHGRE URANIUM, INC., RIO BLANCO COUNTY, COLO. DMEA 3672

Fawn Creek area of the White River uplift in sec. 7, T. 1 N., R. 90 W., and secs. 12 and 13 in T. 1 N., R. 91 W., Sixth Principal Meridian, in Rio Blanco County, Colorado. The property is reached by driving 29.5 miles easterly from Meeker, over Colorado state highway 132 to the access road leading to the property; thence 7.5 miles northerly over a very steep and rough access road to the property. Altitudes on the claims range between 8,000 and 8,400 feet above sea-level. The nearest ore purchasing depot of the Atomic Energy Commission is at Rifle, Colorado, about 81 miles distant. Water for drilling and mining purposes can be hauled from Fawn Creek which crosses the property. The nearest source of electric energy is about 4 miles distant. Labor and materials can be obtained from Meeker, the nearest town. Ore would be trucked from the property to the nearest purchasing depot at which it would be acceptable.

HISTORY AND PRODUCTION

Uranium was known in the area in the early 1900's and 6 tons were reported shipped to France from the Crystal Spring claim during 1906. This shipment was from a shallow adit still in existence. Small bodies of yellow and green uranium minerals and orange colored vanadium minerals were noted in recent rim stripping adjacent to this adit. The Uranium Peak area, 5 miles northwest, has produced over 10,000 tons of uranium ore from the upper Jurassic (Salt Wash), however, there is no production from Triassic formations to date.

OWNERSHIP AND EXTENT

The property of Uncompahgre Uranium, Inc., consists of 23 unpat-

ented lode location (fig. 2) acquired by lease on September 20, 1954. The lease was granted by the seven owners as partners and residents of Rio Blanco County. Their names and interest are as follows:

Partners	Interest in claims
Guy M. Stealey	1/6
Wm. M. Gentry	1/6
Milton Murray	1/6
C. D. Smith	1/6
Frank Delaney	1/6
Marcelle Smith	1/12
Pierre E. Parker	1/12

The group of claims held under lease are listed below, together with their history as determined from a search of the Rio Blanco county courthouse records at Meeker, Colorado.

Name of Claim	Locator	Type of Instrument	Date of Instrument	Date Recorded	Book	Page
Morning Star	G. M.Stealey	Lode location	1-13-49	1-18-49	124	291
	W.M. Stealey	Amended lode location	5-15-51	6-15-51	137	433
Evening Star	G.M. Stealey	Lode location	1-18-49	1-18-49	124	289
	G.M. Stealey	Amended lode location	5-15-51	6-15-51	137	435
Deer Trail #1	G.M. Stealey	Lode location	4-27-49	4-27-49	125	478
	G.M. Stealey	Amended lode location	5-15-51	6-15-51	137	431
Lone Pine		Lode location	4-27-51	4-29-49	125	488
		Amended lode location	5-26-51	6-27-51	137	489
Good Deed	C.D. Smith G.M. Stealey W.M. Gentry M. Smith P.E. Parker	Lode location	10-30-53	1-20-54	147	155
		Amended lode location	1-25-54	1-25-54	152	220
Deer Trail #2	G.M. Stealy M. Murray D. Smith	Lode location	6-22-53	6-22-53	148	209
	"	Amended lode location	1-20-54	1-25-54	152	238
Jim Riland	"	Lode location	6-22-53	6-22-53	148	210
		Amended lode location	1-20-54	1-25-54	152	237

Name of Claim	Locator	Type of Instrument	Date of Instrument	Date Recorded	Book	Page
Victory	G.M. Stealey M. Murray D. Smith	Lode location	6-22-53	6-22-53	148	211
		Amended lode location	1-20-54	1-25-54	152	236
White Eagle	"	Lode location	6-22-54	6-22-54	148	212
		Amended lode location	1-20-54	1-25-54	152	235
Eternal Hope	"	Lode location	6-22-54	6-22-54	148	214
		Amended lode location	1-20-54	1-25-54	152	234
Red Point	"	Lode location	6-22-53	6-22-53	148	213
		Amended lode location	1-20-54	1-25-54	152	233
Never Give Up	M. Murray G.M. Stealey D. Smith	Lode location	6-22-53	6-22-53	148	215
	D. Smith G.M. Stealey M. Murray P.E. Parker	Amended lode location	1-20-54	1-25-54	152	232
Fawn Creek	M. Murray G. M. Stealey D. Smith	Lode location	6-22-53	6-22-53	148	200
	G.M. Stealey M. Murray D. Smith P.E. Parker	Amended lode location	1-20-54	1-25-54	152	226
The Dreamer	M. Murray G.M. Stealey D. Smith	Lode location	6-22-53	6-22-53	148	201
	G.M. Stealey M. Murray D. Smith P.E. Parker	Amended lode location	1-20-54	1-25-54	152	231
Blue Sky	G.M. Stealey M. Murray D. Smith	Lode location	6-22-53	6-22-53	148	202
	G.M. Stealey M. Murray D. Smith P.E. Parker	Amended lode location	1-20-54	1-25-54	152	230

Name of Claim	Locator	Type of Instrument	Date of Instrument	Date Recorded	Book	Page
Solitude	G.M. Stealey M. Murray D. Smith	Lode location	6-22-53	6-22-53	148	203
	G.M. Stealey M. Murray D. Smith P.E. Parker	Amended lode location	1-20-54	1-25-54	152	229
White Rock	G.M. Stealey M. Murray D. Smith	Lode location	6-22-53	6-22-53	148	204
	G.M. Stealey M. Murray D. Smith P.E. Parker	Amended lode location	1-20-54	1-25-54	152	228
North Star	G.M. Stealey M. Murray D. Smith	Lode location	6-22-53	6-22-53	148	205
	G.M. Stealey M. Murray D. Smith P.E. Parker	Amended lode location	1-20-54	1-25-54	152	227
Forty Years After	G.M. Stealey M. Murray D. Smith	Lode location	6-22-53	6-22-53	148	206
	G.M. Stealey M. Murray D. Smith P.E. Parker	Amended lode location	1-20-54	1-25-54	152	228
My Pal	G.M. Stealey M. Murray D. Smith	Lode location	6-22-53	6-22-53	148	207
	G.M. Stealey M. Murray D. Smith P.E. Parker	Amended lode location	1-20-54	1-20-54	152	221
Lookout Point	G.M. Stealey M. Murray D. Smith	Lode location	6-22-53	6-22-53	148	208

Name of Claim	Locator	Type of Instrument	Date of Instrument	Date Recorded	Book	Page
Lockout Point	G.M. Stealey M. Murray D. Smith P.E. Parker	Amended lode location	1-20-54	1-20-54	152	224
Joker	G.M. Stealey W.M. Gentry M. Murray C.D. Smith M. Smith P.E. Parker	Lode location	10-30-53	1-25-54	152	222
Crystal Springs	G.M. Stealey W. M. Gentry M. Murray C.D. Smith M. Smith P.E. Parker	Lode location	10-30-53	1-25-54	152	223

The applicant's lease is dated September 20, 1954 and runs for 3 years and as long thereafter as mining operations are active.

On April 19, 1955, Uncompahgre Uranium, Inc., granted a sub-lease to Messrs. Lloyd Watts, Howard Skillings and Clarence Martin on the My Pal, Crystal Spring, Morning Star, Lone Pine, Deer Trail No. 2, Evening Star, Joker and Good Deed claims. The sub-lease is in affect until September 4, 1957 or as long thereafter as active mining is carried on.

Besides certain royalties, the sub-lessees agree to drill 18 holes with their core drilling equipment upon sites designated by the lessor on property retained by the lessor and said drilling is to be completed through ore bearing horizons within six months of the signing of the contract.

The sub-lessees also have an optiom to purchase agreement on the above claims, recorded May 4, 1955 in book 163, on page 176.

DESCRIPTION OF THE DEPOSITS

Secondary yellow and green uranium minerals and orange colored vanadium minerals occur as coatings in conglomerate and sandstone lenses near the base of the Triassic Chinle formation. The above mentioned minerals are discontinuously exposed in four lenses 3 to 10 feet long and 0.5-to 1-foot thick. The mineralized lenses are part of a poorly exposed channel, about 400 feet wide, which has the characteristics of a Triassic Shinarump channel although there has been no correlation of the Triassic in this area. The above occurrence of uranium-vanadium was exposed with 400 feet of rim stripping on the Crystal Spring claim, figure 2. Scintillometer readings were made on the above exposures. With a background count of 0.02 to 0.2 MR/hr, radioactivity was noted in the mineralized lenses as 3 to 9 times background count. The channel sediments contain a calcareous cement and any ore from the property will probably be high in lime.

MINABLE ORE RESERVES

Although uranium exposures occur on the Crystal Spring claim, there is no basis on which to estimate ore reserves.

PRESENT STATUS

Exploration and Development

A 30-foot adit (fig. 2) was driven into a rim rock exposure on the Crystal Spring claim about 1906. During 1954-55, about 400 feet of rim was stripped by bulldozing and 4 small lenses of sandstone con-

taining uranium and vanadium minerals were exposed. Six holes were reported wagon-drilled to depths of 35 feet. These holes are believed to have been barren of uranium.

Mining, Milling, and Other Facilities

There are no mining, milling or other facilities on the property. Sub-lessees expect to move drilling and mining equipment on their sub-lease in the immediate future.

PROJECT PROPOSALS AND COSTS

Uncompahgre Uranium, Inc., proposes to explore their Guy Stealey group of claims (fig. 2) with 15,000 feet of diamond drill holes at an overall cost of $45,290.00. Their program is set up in two stages. Stage I would consist of 86 holes totaling 8,600 feet at a cost of $25,966.12. Stage II would consist of 64 holes totaling 6,400 feet at a cost of $19,323.88. Stage II would be dependent upon the results obtained from stage I drilling, and would consist of closer spaced holes in the event that a channel trend is developed. Their costs are distributed as follows:

Independent Contracts	Cost
15,000 feet of core drilling at $2.25 per foot 8,600 feet is assigned to stage I and 6,400 feet to stage II.	$33,750.00
Constructing access roads and preparing 150 drill sites. TD-24 bulldozer 170 hours, At $18 per hour.	3,060.00
Total	$36,810.00

Labor, Supervision and Consultants	Costs
Consulting geologist, part time over 5 months.	$ 1,000.00
Supervisor-engineer, 5 months at $400 per month.	2,000.00
Sampler-field assistant, 150 days at $10.00 per day.	1,500.00
Total	$ 4,500.00
Operating Materials and Supplies	
Food and fuel for watchman for 5 months (not allowable).	$ 350.00
Operating Equipment	None
Rehabilitation and Repairs	
Cost to rehabilitate cabin for watchman (not allowable).	$ 100.00
New Buildings, Improvements and Installations	
Improving water supply to campsite and placing in pumping plant. (not allowable).	$ 2,500.00
Miscellaneous	
F.I.C.A.	30.00
Assays 150 samples for U_3O_8	500.00
Total	$ 530.00
Contingencies	$ 500.00

Total cost of drilling 150 holes in stages I and II, totaling 15,000 feet, is $45,290.00

Cost of stage I drilling pro rata on a drilling footage basis is $25,966.12.

Cost of stage II drilling pro rata on a drilling footage basis is $19,323.88.

Cost per foot of completed hole, without chemical analyses is estimated at $2.99.

PROPOSED FINANCING

Uncompahgre Uranium, Ind., is prepared to furnish their part of the costs of exploration in cash.

CONCLUSIONS

Uranium and vanadium minerals have been exposed in conglomerate and sandstone near the base of the Triassic Chinle formation as the result of rim stripping by bulldozer. Four spotty occurrences of uranium-vanadium were exposed by bulldozer stripping on the Crystal Spring claim (fig. 2). The occurrences appeared as small and separated lenses 3 to 10 feet long and 0.5 to 1.0 feet thick.

There are indications of a northwest trending sandstone channel, about 400 feet wide, across part of the Crystal Spring, Joker and Good Deed claims. This channel may contain uranium.

There has been no production of uranium from Triassic formations in this area to date, other than 6 tons reported shipped to France during 1906. The nearest production, 5 miles distant is from the upper Jurassic Morrison formation.

Uranium in the area is associated with vanadium and is expected to contain in excess of 6 percent lime.

Outcrops in the area are generally poorly exposed.

The applicant has sub-leased the most promising part of his group of claims, including the Crystal Spring claim which contains the only observable outcrop of uranium and is the source of all past production in the area.

The sublease requires active exploration and mining on the designated group of claims and in addition, specifies that 18 holes shall be core drilled through the ore bearing horizon on property retained by Uncompahgre Uranium, Inc., and at sites designated by the company.

RECOMMENDATIONS

Since the applicant has subleased the most favorable part of his group of claims to a lessee who will begin active exploration and mining thereon, and since one of the terms of the sublease specifies the core drilling of 18 holes on the applicant's remaining claims within 6 months, and at sites designated by him, it is recommended that Uncompahgre Uranium, Incorporated's application be denied without prejudice.

If the results of the sub-lessees work and the above mentioned core drilling prove encouraging, it is further recommended that the applicant re-submit his application for exploration assistance. He should be so notified.

/jw

[illegible]

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

DMEA
Date Rec'd
JUL 28 1955
BUREAU OF MINES
DENVER, Colorado

July 27, 1955

TRANSMITTED
AUG 10 1955

Memorandum

To: DMEA Field Team, Region III

From: E. N. Harshman

Subject: DMEA Docket 3672 (Uranium), Uncompahgre Uranium, Inc., Guy Stanley claims, Rio Blanco County, Colorado

Enclosed are 10 copies of a report by R. T. Chew, III, U. S. Geological Survey, covering his examination of the subject property.

Uranium-bearing sandstone occurs on the Crystal Spring claim in an apparent channel in the lower sandy portion of the Chinle formation. Mineralization is discontinuous over a distance of about 150 feet but the trend, actual width, and physical characteristics of the channel are unknown at present. No other occurrences of uranium were noted on the claims.

The applicant has leased ground along the outcrop on the Crystal Spring, Dear Trail, Evening Star, Joker, and Good Deed claims, and the sub-lessee is now drilling the area. This drilling should furnish information needed for working out an efficient exploration program. Chew therefore recommends denial of the application without prejudice. Upon completion of the drilling by the sub-lessee, a new application for exploration assistance would receive favorable consideration.

I concur with Chew's conclusions and recommendations.

E. N. Harshman

E. N. Harshman
Member, Field Team

Enclosures (10)

ENHarshman:arh

MINERAL DEPOSITS
DMEA
RECEIVED
JUL 26 1955
U. S.
GEOLOGICAL SURVEY
DENVER, COLORADO

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
COLORADO PLATEAU DISTRICT
P. O. BOX 360
GRAND JUNCTION, COLORADO

July 20, 1955

Memorandum

To: E. N. Harshman, Supervising Geologist, DMEA Field Team, Region III

From: J. William Hasler

Subject: DMEA 3672, Uncompahgre Uranium, Inc., Guy Stealey claims, Rio Blanco County, Colorado

Enclosed are the necessary number of copies of a geologic report and maps on the Uncompahgre Uranium, Inc., property, by R. T. Chew III. U. S. Geological Survey.

The reports and maps were written as result of a field examination of the Guy Stealey claims on the Uncompahgre Uranium, Inc., Rio Blanco County, Colorado The field examination was made June 8, 1955, by the examining team composed of C. M. Harrer, engineer, U. S. Bureau of Mines; R. T. Chew III, U. S. Geological Survey; K. O. Weaver, a representative of the applicant.

The area under consideration is underlain by sandstone, shale, siltstone and conglomerate of Triassic and Jurassic age. The mineralization in the area occurs in the lower sandy portion of the Chinle formation of Triassic age and occurs discontinuously along an area of about 150 feet in a channel-like area. Several radioactive zones as much as 10 feet long and 1 foot thick were observed throughout these channel sediments. None of the radioactive zones show sufficient radioactivity to be considered of ore grade, although many picked samples of high-grade material were found within these zones. One mineralized area on the Crystal Springs claim is the only known occurrence on the subject group of claims. A few tons of high-grade radium ore was produced from this property in 1926, but there has been no production since that time. The nearest producing area is the Uranium Peak, about 5 miles northwest of the Guy Stealey group of claims. Approximately 10,000 tons of uranium ore has been produced from the Salt Wash member of the Morrison formation in the Uranium Peak area.

The applicant proposes to drill approximately 150 feet of core drilling to test the subject area. The channel in which the exposed minerals occur is in a zone probably not more than 400 feet wide and may be much narrower. Ore bodies as now known are probably not over 10 feet across.

Because of considerable overburden in the area, preventing a more thorough geological examination, and that the channel trends are not definite until further geologic and exploration work have been completed, it is recommended that the application be denied without prejudice. The applicant has subleased claims and the results of exploration by the sublessor may enable a re-examination of the property, should the drilling prove encouraging.

I concur with the recommendations of the examining field team.

J. William Hasler

J. William Hasler,
Geologist

JWH/mlr

Enclosures

UNITED STATES DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 3672, Uncompahgre Uranium, Inc., Guy Stealey claims
Rio Blanco County, Colorado

Uranium

Geologic Report

by

R. T. Chew, III
U. S. Geological Survey

July 22, 1955

INTRODUCTION

The Uncompahgre Uranium, Inc., (DMEA 3672) applied for assistance to explore the Guy Stealey claims, located in sec. 12, T. 1 N., R. 91 W., and sec. 7, T. 1 N., R. 90 W., Rio Blanco County, Colo., (fig. 1). Cost of the drilling program suggested by the applicant is estimated to be $45,290, of which the Government's share would be $33,967.50. The claims are accessible via bulldozer trail which leaves Colorado State Highway 132 about 6 miles east of Buford; thence 7 miles southeast to the claims.

A DMEA field team composed of C. M. Harrer, engineer, U. S. Bureau of Mines; R. T. Chew, III, F. J. Kleinhampl, and D. D. Schultz, geologist, U. S. Geological Survey; and K. O. Weaver representing the applicant, examined the property on June 8, 1955. William H. Boyer, AEC project geologist, has been consulted relative to the appraisal of this property.

Since the application for DMEA aid was submitted, the applicant has sub-leased five of the subject claims along the outcrop of the ore-bearing formation to Lloyd Watts et al of Grand Junction, Colo. This group will drill behind the uranium deposit on the Crystal Spring claim and also on the other claims along the rim. Exposures on the property are very poor and the program suggested by the applicant consists of both wide and close-spaced drilling which cannot now be based on geologic knowledge. Therefore, it is recommended that the application be denied without prejudice until the drilling by the sub-lessee has been completed. Results of this drilling may justify a more efficient drilling program or recommendation for denial.

GEOLOGY

Geology of the subject area is adequately discussed in the Union Mines report on the Sleepy Cat district. (Gruenerwald and Richardson, 1945).

The area under consideration in this report is underlain by sandstone, shale, siltstone, and conglomerate of Triassic and Jurassic age. The formations will be briefly described in ascending order. (fig. 2)

The Moenkopi formation of lower Triassic age consists of undifferentiated lenses of brick-red to reddish purple, horizontally bedded sandstone and shale which are predominantly fine-grained and silty. The thickness of this unit in the Sleepy Cat area is unknown.

The sandstone at the base of the overlying Chinle, of upper Triassic age, is probably not strictly equivalent to the Shinarump conglomerate of the Colorado Plateau because the true Shinarump pinches out far to the south. The Mossback sandstone which replaces the Shinarump at the base of the Chinle in the Inter-river and Lisbon Valley areas of Utah also appears to be pinching out to the north. No positive correlation of the Triassic units has yet been attempted in this area except that the Gartra Grit of north central Utah has been correlated with the Shinarump by Kummel (1954). The basal Chinle at the subject property consists of interbedded sandstones and siltstones and is 10 to 20 feet thick. This is overlain by the Shinarump-like channel material containing the uranium deposit. The deposit is contained in interbedded conglomerate and sandstone. The conglomerate is well cemented with lime. Measurement of one cross-bed and one festoon indicated flow was about N. 45° W., but because only 2 measurements could be made, a large variation in average flow direction is possible.

Gruenerwald and Richardson report that the Chinle formation is about 450 feet thick. It forms moderate to very steep slopes, is barren of soil or mantle in a few places and consists of undifferentiated interbedded reddish-brown, fine-grained, argillaceous sandstones, shales, and siltstones becoming more sandy towards the top. The Chinle is overlain by the Jurassic Nugget sandstone.

The beds strike approximately N. 60° W., and dip from 5 to 7 degrees north, forming the northern limit of the White River uplift. A vertical fault along which the north side has dropped about 450 feet, occurs in the valley of West Fawn Creek and crosses the claims in the northern part of the subject group. Along the east valley wall of Fawn Creek this fault brings the Entrada sandstone into contact with the Shinarump conglomerate.

ORE DEPOSITS

Uranium mineralization occurs discontinuously along about 150 feet of the channel described earlier, the base of which is about 10 feet above the base of the Chinle. Several radioactive zones from 3 to 10 feet long and 6 inches to 1 foot thick were observed throughout the channel sediments. Yellow and green secondary uranium minerals and orange vanadium minerals coat some fractures and pebbles in the conglomerate lenses forming the only visible ore minerals. None of the radioactive zones showed sufficient radioactivity to be considered of ore grade though many hand samples of high-grade material were found within these zones. No unoxidized uranium or vanadium minerals have been identified. One mineralized area on the Crystal Springs claim is the only known occurrence on the subject claims.

A few tons of high-grade radium ore was produced from this property in 1906, but there has been no production since that time. The nearest producing area is the Uranium Peak area about 5 miles northwest of the subject claims where over 10,000 tons of uranium ore have been produced from the Salt Wash member of the Morrison formation, though no occurrences of ore are known from the Triassic formations in the Uranium Peaks area.

PROPOSED EXPLORATION

The applicant proposes to drill approximately 150 feet of core drilling as well as the necessary work to obtain access to the drilling sites. The total cost of the proposed project is estimated at $45,290, of which the Government's share would be $33,967.50. This program would consist of 42 holes drilled on 75-foot centers on the Crystal Spring claim which contains the known mineralized outcrop. The rest of the drilling program would consist of approximately 108 holes drilled on 400-foot centers over the rest of the subject claims.

The channel in which the exposed mineralization occurs is probably not more than 400 feet wide and may be much narrower. Ore bodies as now known are probably not over 10 feet across. The pattern of drilling suggested by the applicant is widely spaced to discover ore and probably too widely spaced to determine the trend of the channel and the existence of favorable ground except on the Crystal Spring claim where they appear to be more closely spaced than necessary to determine favorable ground.

The subject claims lie on a bench cut at approximately the top of the Shinarump-like channel. The bed rock is covered by as much as 30 feet of alluvium but all drilling depths would probably be less than 100 feet to the top of the Moenkopi. The applicant reports the water table to lie at about the base of the alluvium.

Although an exploration program on this property appears warranted, an efficient program can not now be set up because of the lack of definite evidence of the trend of the channel or the presence of a large area of favorable ground. Any drilling program suggested to obtain geological information should have the holes spaced more closely than the postulated width of the channel. The fences, or rows of holes should be oriented approximately normal to the postulated channel trend.

Lloyd Watts, et al., of Grand Junction, Colorado, has taken a sublease along the outcrop of the ore-bearing formation, on five of the claims, the Crystal Spring, Deer Trail, Evening Star, Joker, and Good Deed. The information obtained from this drilling will aid materially in planning an efficient exploration program to test the remaining claims.

CONCLUSIONS AND RECOMMENDATIONS

The uranium deposit exposed on the Crystal Spring claim is contained in a Shinarump-like channel about 400 feet wide with its base about 10 feet above the base of the Chinle formation and its top about 40 feet above the base of the Chinle. Because of poor exposure neither edge of the channel can be precisely located. The channel may trend in a N. 45° W. direction, in which case it would cross the claims in the northern part of the group.

Several radioactive zones as much as 10 feet long and 1 foot thick occur within this channel and contain small pods of high-grade material as well as abundant secondary uranium and vanadium minerals.

An exploration project appears warranted on this property because of the presence of uranium minerals, favorable stratigraphic horizon, small past production and fair proximity to a producing district. However, because of the poor exposure, lack of previous exploration in the area and sparsity of indications of the channel trend on the subject property, an efficient drilling program can not now be recommended. The program outlined by the applicant calls for holes on 75-foot centers on the Crystal Spring claim and on 400-foot centers on the other claims and would probably miss the intended target. Ore bodies as now known probably are not more than 10 feet across - too small to drill economically without good geologic information. The 400-foot spacing would not give sufficient geologic information to determine channel trend, amount of scour, or to allow adequate correlation between holes to determine favorable ground.

With more information on ore habits and geological trends a more efficient drilling program could be laid out covering less ground but probably using closer spaced holes.

Much of this needed additional information should be available upon completion of drilling by the sub-lessee. Therefore, it is recommended that the application be denied without prejudice pending completion of this drilling.

Published Reference

Kummel, Bernhard, Triassic Stratigraphy of Southeastern Idaho and adjacent areas, U. S. Geol. Sur. Prof. Paper 254-H, 1954.

Unpublished Reference

Gruenerwald, William and Richardson, Gilbert R. Report on Sleepy Cat Mtn. District, White River Uplift area, Colo. Union Mines Development Corp. 1945 (Secret).

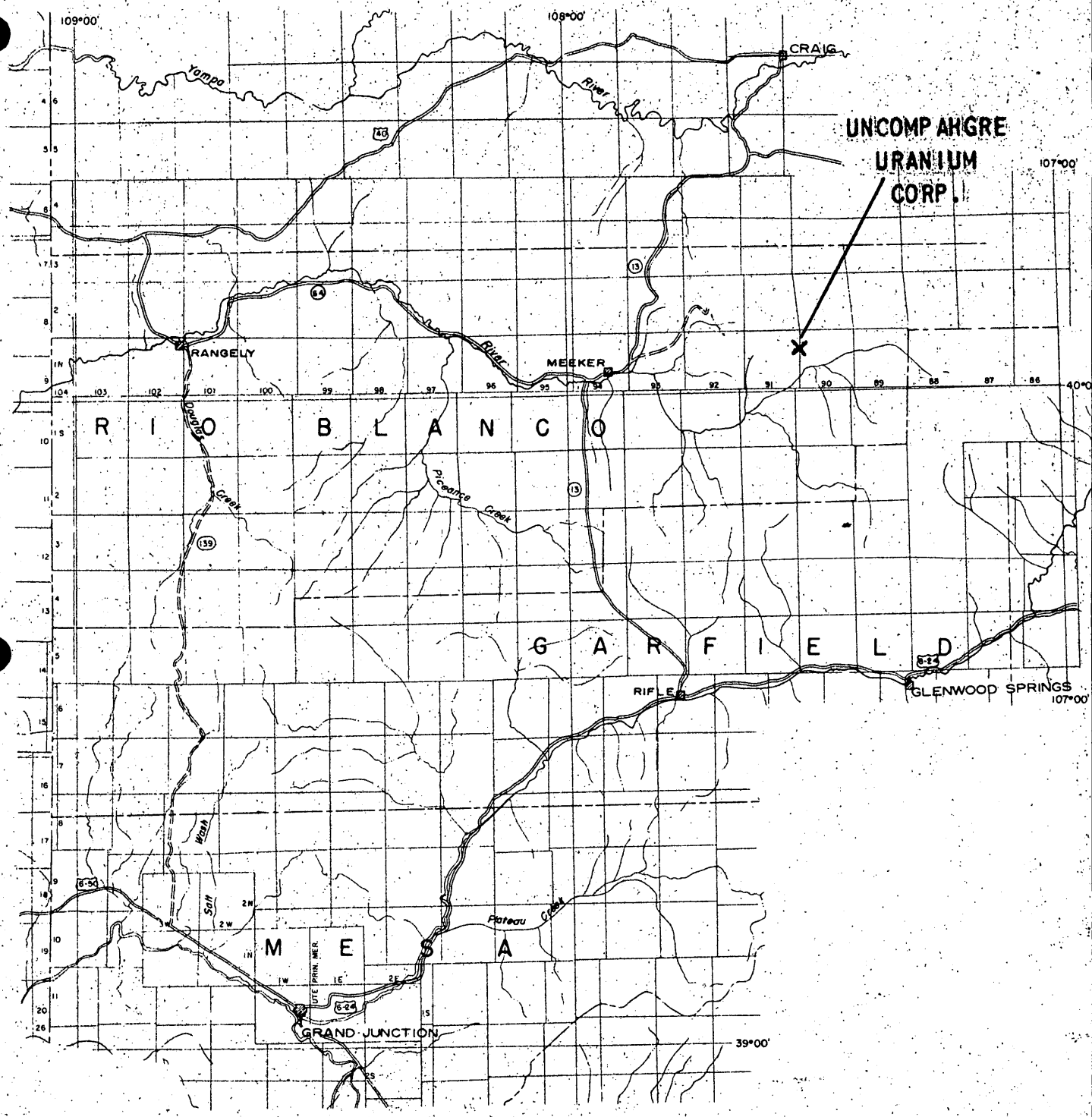

Figure 1. INDEX MAP SHOEING LOCATION OF THE UNCOMPAHGRE URANIUM CORPORATION CLAIMS, RIO BLANCO COUNTY, COLORADO

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Date Rec'd. FEB 1 - 1955 BUREAU OF MINES Denver, Colorado

Not to be filled in by applicant

Docket No. 3672
Metal or Mineral Uranium, Vanadium
Date Received 2-7-55
Estimated Cost $45,290
Participation (Government %)

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

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: (See attached)
Uncompahgre Uranium, Inc
P.O. Box 114
Grand Junction, Colo.

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract (See attached)

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

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

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

(*e*) If you own the land, describe any liens or encumbrances on it Not applicable

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

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

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

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

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

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Principally uranium and vanadium

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

(*c*) The work will start within 60 days and be completed within 12 months from the date of an exploration project contract (weather permitting)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated _____, 195__

_____
(Applicant)

By _____

_____

_____

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

U. S. GOVERNMENT PRINTING OFFICE 16—66581-1

Uncompahgre Uranium, Inc.
c/o Don Beaver
P.O. Box 114
Grand Junction, Colorado

DEPARTMENT OF THE INTERIOR
Bureau of Land Management Administration
RECEIVED
FEB - 8 1955

1. (a) Kenneth O. Beaver and Donald R. Bullock
Uncompahgre Uranium, Inc.
P. O. Box 114
Grand Junction, Colorado

(b) Corporation of Idaho

(c) President - John L. Sackett
P. O. Box 457
Idaho Falls, Idaho

Vice President - Kenneth O. Beaver
P. O. Box 114
Grand Junction, Colorado

Vice President - Donald R. Bullock
P. O. Box 114
Grand Junction, Colorado

Secretary-Treasurer - Roland Williams
P. O. Box 457
Idaho Falls, Idaho

(d) Not applicable

2. Have read.

3. (a) Group of 23 claims located in Sections 7, 12, and 13 of Township 1 North in Ranges 96 and 97W of 6th P.M. in county of Rio Blanco, State of Colorado. (See map)

(b) Guy Stanley Claims and Mine Site.

(c) See enclosure No. 3.

(f)

Name of Claim	Orig. Location Sort. Book	Orig. Location Sort. Page	Amended Location Sort. Book	Amended Location Sort. Page
Morning Star	126	269	127	425
Deer Trail	125	479	127	431
Deer Lode	147	195	152	220
Deer Trail	140	209	152	229
The Lancaster	140	201	152	231
Blue Sky	140	202	152	230
The Solitude	140	203	152	229
White Rock	140	204	152	228
Manor (re-located)			159	222
Crystal Springs			152	233

Uncompahgre Uranium, Inc.
c/o Don Beaver
P. O. Box 114
Grand Junction, Colorado

4. (a) About two years ago there was a limited amount of exploration work done for the purpose of locating uranium on the property. A person by the name of Pierre L. Porter of Grand Junction proceeded upon the property under lease agreement and had a very limited number of holes upon drilled. There were 6 holes drilled to a depth of about 35 feet. To the best of our knowledge, those holes were barren of ore deposit and the lease was forfeited when water was encountered during the drilling process. Under the present lease, the Uncompahgre Uranium Co., Inc. is presently engaged in building or developing more satisfactory access roads to the property. The road previously used as access entered from the highway near Buford and crossed private land, but has been closed temporarily. It has, therefore, been necessary to develop another route. Two alternative routes should be available at the time property is inspected. This would be to enter through the Livingston property just west of Buford, as aforementioned, or via Uranium Peak on the Bloody Pot road. The first route is about 12 miles and follows Beaver Creek most of the way. A guide would be necessary since there are many small side roads which might be misleading. (This route enters via private property and may possibly be closed at the time entry is desired) The other route is about 22 miles and is mostly a jeep road requiring a guide also.

(b) About 6 tons of radium ore were shipped from this property in the early 1900's, but no current production is in progress. It is hoped the exploration program covered by this application will divulge ore reserves of ample quantity and grade to also.

(c) The property, known as the "Gay Stanley Claims", lies adjacent to Bear Creek in the White River uplift area about 6 miles northeast of Buford, Colorado, as indicated on access map (enclosure No. 2) attached. It might also be noted that a great percentage of the claims lie within the Tro (Chinarump) formation of upper Triassic period. (See enclosure No. 1) It is the desire of the applicant to obtain this lease in order to help defray the expense of exploring (drilling, etc.) this area as shown on the map. There are definite mineralized areas on the property in the form of outcrops in both the conglomeritic sandstone known as the Chinarump formation and in a finer sandstone lense lying within the Chinarump.

Uncompahgre Uranium, Inc.
c/o Ben Weaver
P. O. Box 116
Grand Junction, Colorado

4. (c) cont'd

It appears as though the finer sandstone contains both vanadium and roscoelite. It has been confirmed by one of the logs that samples taken from the location varsinge contained both tantalite and uranium and that the lime content was approximately 6 to 12%. State reports are not presently available but may be in the future. The applicant has hand picked uranium samples from the property that run as high as 35% U3O8.

(d) The property as shown on the small scale map (See encl. No. 2) is situated approximately 30 miles, by road up Beaver Creek, from Nucla, Colorado. The present latterly access road through Livingston's private property would entail prohibitive repair costs to place it in sufficient condition to sustain normal mining equipment use, and preclude the possibility that access via this road may be restricted, or not permitted. To better satisfy this situation, an alternate route for ore hauling and access is presently being worked out by the company and is shown on access map. The continuation of ore, if found in quantity, will depend upon accessibility most results. The U. S. V. mill at Rifle is about 70 miles. Presently, about 60 miles of this distance is first class highway. The lime content of the ore may require processing elsewhere. The property is not inhabited and the closest residence point of any size could be considered Nucla, Colorado.

(e) Manpower to manage and operate this property will be furnished by the applicant. If necessary there can be obtained two crews of approximately 6 men per crew to start operations immediately. This is in addition to any drill contractors or haulage requirements. Materials, supplies, and equipment will be furnished by the applicant where necessary, if possible. It is anticipated that during the exploration program most of the work requirements will be contracted to private interests, such as drilling, bulldozing, etc. Water in great quantity can be obtained, when necessary, from Dave Creek which crosses the property. The stream flows all year. It is understood that electrical power, if required, can be supplied from the Rifle River Highway power line for both 115 volts and 220 volts. The distance from the highway to property for this purpose would be about 3 miles.

Uncompahgre Uranium, Inc.
c/o Don Hoover
P. O. Box 110
Grand Junction, Colorado

5. (b) The proposed work basically includes the following:
   1. Core drilling
   2. Bulldozing
   3. See map for details. (enclosure No. 1) It will be necessary to build drill roads on portions of the property and perfect the access road from the Naturita River airway.

   (d) The applicant, Uncompahgre Uranium, Inc., has at its disposal the very well qualified persons to supervise such an exploration program:

   1. Mr. Earl Hunter of Idaho Springs, Colorado, has had approximately forty years of hard rock mining experience. He has built his own tungsten processing mill and supervised a crew to operate it. He presently supervises a crew of hard rock miners (14) for this company, at our "Highlander" mine near Idaho Springs, Colorado, which is presently mining uranium in the form of uraninite.

   2. Mr. Donald Hallock, who is presently both a Vice President and General Manager of this corporation, has also had considerable mining experience (about 6 years of hard rock). He formerly supervised a group of construction men for a private construction company by the name of Falco Construction Company located at Telluride, Colorado.

   Both Mr. Hunter and Mr. Hallock are well versed in the operation of mining equipment in general and Mr. Hallock has personally operated core drills for the Federal Government while employed by the Bureau of Public Roads.

6. <u>Estimate of Costs</u> ($2.25/foot of drilling)
   (a) <u>Road Building Expense</u> <u>Cost</u>
   1. Bulldozing - $13.00/hr (RD-24)
      (a) Dana Creek access road construction to junction of Polo Patch road - 1 week 1,240.00
      (b) Polo Patch road to Mueller Creek Road - 3 days - junction of Dana Creek Road 520.00
      (c) Drill rig access roads - 1 week 1,240.00
      Bulldozing Total 3,000.00

   2. Drilling, core
      15,000 ft - 10 claims (see map)
      Phase 1 - 86 holes (100 ft deep) 19,350.00
      Phase 2 - 64 holes (100 ft deep) 14,400.00
      Drilling Total 33,750.00

Uncompahgre Uranium, Inc.
c/o Don Hoover
P. O. Box 110
Grand Junction, Colorado

5. (b) Estimate of costs (continued)

Labor, Supervision and Consultants

1. Geological consultants (reports, etc.)	$1,000.00
2. Labor - 1 man - General @ $10.00/day for 5 months	1,500.00
3. Supervision - 1 man @ $600/month for 5 months	3,000.00
4. Assays and map making	500.00

(c) Operating expenses and Taxes

Cost of registered of property during exploration period for 5 months - food and fuel 950.00

(d) Operating equipment: None -

(e) Rentals, Leases and Royalties

Cost to put claim in livable condition of property. (Also includes repair of frame, stove, and interior) 100.00

(f) Non-Drilling, Improvements and Installations

Improvement of water supply to an assay which is 800 feet distance from Dam Creek - including pump station, reservoir and piping (about 300 ft vertical lift) 2,500.00

(g) Miscellaneous

Fees (for 1960) 10.00

(h) Contingencies 500.00

	9,400.00
Exploratory total	2,000.00
Drilling total	22,750.00
TOTAL	34,150.00

7. (a) Yes ($11,372.00)

(b) The required 25 % of the loan will be furnished by Uncompahgre Uranium, Inc., of Idaho Falls, Idaho. This money is allotted by approval of the board of directors of the corporation for such an expenditure.

Exhibits.
1. Geologic Map
2. Access Map
3. Lease