700

FILE COPY
Surname:

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

Uranium Ventures Corporation
1313 West Broadway
Missoula, Montana

Re: Docket No. DMEA-4202 (Uranium)
The Dot Group
Lemhi County, Idaho

Gentlemen:

Your application for aid in an exploration project and other information available to us in Washington concerning the above-named group of claims 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, although noting some uranium mineralization on your property, indicates to us that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation in an exploration program. We regret to advise you that, under these circumstances, your application for exploration assistance is denied.

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

Sincerely yours,

G. O. Mittendorf

Administrator

FMMurphy/izm 6-29-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
Operating Committee
DMEA Field Team, Region IV, NW District (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

P.C.S.

Docket Copy

700

Murphy

## Summary of Proposed Project

June 29, 1956

Object: Denial of application for exploration aid.

Docket No.: DMEA-4202

Commodity: Uranium

Amount of Application: $13,983.75

Applicant: Uranium Ventures Corporation
1313 West Broadway
Missoula, Montana

Property: Lessee, Four (4) Dot Quartz lode claims, situated in secs. 21 and 28, T. 3 S., R. 21 E., Boise B & M Lemhi County, Idaho

Date of Application: February 25, 1956

Referred to Reg. I, N.W. District: March 20, 1956

Field Team Report recd.: June 18, 1956

Work Proposed:
1. Rebuild 1½ miles access road
2. Extend existing trenches with bulldozer
3. 1,000 feet of diamond drilling contingent on results of bulldozer work.

Estimated Costs:

| | | |
|---|---|---|
| Road Work | $1,933.75 | |
| Bulldozing | 4,550.00 | |
| Diamond drilling, 1,000 ft. | 7,000.00 | |
| Assays | 500.00 | |
| TOTAL ..... | | $13,983.75 |

Excerpts from Field Team Report:

The claims lie along a narrow ridge crest. The surface is covered with a fair stand of timber. One shallow bulldozed trench has been excavated and two small pits or trenches are nearby. Four pits have been dug by hand in the bulldozed trench, the deepest about 5 feet.

The deposit occurs in a thin remnant of andesite that is underlain by phyllites and quartzite of the Pre-Cambrian Belt formation. The actual mineralized area is approximately 50 feet in diameter, and it is believed the uranium (autumite) was derived from the weathering and leaching of the volcanic rock which at one time covered the area.

Assay returns on channel samples taken by the examiners are as follows:

| Sample Location | Width (ft.) | $U_3O_8$ (percent) |
|---|---|---|
| Floor of trench ..... | 8.8 | 0.034 |
| Floor of trench ..... | 9.6 | 0.038 |
| Wall of small pit ..... | 6.8 | 0.047 |
| Wall of small pit in ..... floor of trench ..... | 3.0 | 0.103 |
| Pit, 30 ft. west of trench .. | 2.5 | 0.056 |

Autunite was visible in the samples that were cut.

The Field Team notes that the occurrence is small and much below ore grade and evidence does not suggest that the grade will improve at depth, also, that this deposit is apparently similar to the one unsuccessfully explored by Bitterroot Uranium, Inc., Docket No. DMEA-3460. The Field Team recommends the application should be denied.

Note: Contract Idm-E716 has recently been terminated. The Field Team recommends the contract should not be certified. Assays values recorded in this docket are about the same or less than those quoted above. Under the contract Bitterroot Uranium, Inc., completed 799.3 feet of drifting and 287.8 feet of crosscutting.

Commodity Members' Comments: (excerpts)

USGS, N. E. Nelson, June 25, 1956:

Mr. Nelson notes that the deposit is limited to a small patch of andesite and that the uranium content does not constitute ore. He concurs in Field Team's recommendation of denial.

USBM, J. E. Crawford, June 27, 1956:

Mr. Crawford agrees with the Field Team that there is little chance of a discovery of an economic deposit of uranium on the Dot group, and concurs in the denial recommendation.

Rare & Miscellaneous Metals Div., F. M. Murphy, June 29, 1956:

Visible autunite was noted in the trenches and pits dug by the Applicant, however, assay returns on the trench samples indicate that the material is below ore grade. The field examiners do not mention a vein, so apparently none exists. The Applicant will undoubtedly do more bulldozer work on its property before dropping the lease. Judging from DMEA results under the Bitterroot contract, similar occurrences of low-grade uranium-bearing rock may be disclosed by such work, but no significant ore deposit will be found in the PreCambrian Belt formation.

Conclusion and Recommendation

This Division agrees with the field examiners that the proposed work has little chance of discovering significant deposits of uranium ore and therefore concurs in the Field Team's recommendation to deny the application.

F L Knouse

F. L. Knouse, Acting Chief
Rare & Miscellaneous Metals Div.

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

6/28/56

June 27, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Field Team Report, DMEA Docket 4202, Uranium Ventures Corp. (The Dot Group), Lemhi County, Idaho

I have reviewed the field team report, DMEA Docket 4202, Uranium Ventures Corp. (The Dot Group), Lemhi County, Idaho, dated June 7 and received in this office June 21, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

We agree with the Field Team that there is little chance for discovery of an economic deposit of uranium on the Dot group of claims. The mineralization consists of autunite in small exposures. Samples were only weakly radioactive and not considered to be of significance. Therefore, it is our opinion that the application should be denied.

The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

John E Crawford
John E. Crawford

RECEIVED
JUN 28 1956

June 27, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Field Team Report, DMEA Docket 4202, Uranium Ventures Corp. (The Bet Group), Lemhi County, Idaho

I have reviewed the field team report, DMEA Docket 4202, Uranium Ventures Corp. (The Bet Group), Lemhi County, Idaho, dated June 7 and received in this office June 21, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

We agree with the Field Team that there is little chance for discovery of an economic deposit of uranium on the Bet group of claims. The mineralization consists of autunite in small exposures. Samples were only weakly radioactive and not considered to be of significance. Therefore, it is our opinion that the application should be denied.

The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

John E. Crawford

RECEIVED
JUN 2 8 1956

June 27, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Field Team Report, DMEA Docket 4202, Uranium Ventures Corp. (The Dot Group), Lemhi County, Idaho

I have reviewed the field team report, DMEA Docket 4202, Uranium Ventures Corp. (The Dot Group), Lemhi County, Idaho, dated June 7 and received in this office June 21, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

We agree with the Field Team that there is little chance for discovery of an economic deposit of uranium on the Dot group of claims. The mineralization consists of autunite in small exposures. Samples were only weakly radioactive and not considered to be of significance. Therefore, it is our opinion that the application should be denied.

The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

John E. Crawford

RECEIVED
JUN 28 1956

6-26-56

IN REPLY REFER TO:

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

RECEIVED
JUN 26 1956

June 25, 1956

Re: DMEA 4202
Uranium Ventures Corp.,
The Dot group
Lemhi Co., Idaho
$13,983.75 - Uranium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report.

The applicant requested assistance in exploring, by bulldozing and diamond drilling, a small area, underlain by andesite which in turn rests on Precambrian Belt phyllite and quartzite. The andesite shows low radioactivity and autunite is visible. Where opened by a bulldozer trench and pits, 5 samples were taken by the examiners, only one of which showed over 0.10% $U_3O_8$. Other examiners took samples from which one slightly higher assay was obtained, 0.127% $U_3O_8$.

The radioactivity is limited to the small patch of andesite and as indicated by the sampling the uranium content is not such as to make ore. The examiners and the Field Team recommend denial of the application and I concur with that recommendation.

N. E. Nelson

N. E. Nelson

IN REPLY REFER TO:

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

RECEIVED
JUN 26 1956

June 25, 1956

Re: [illegible] 4202
Uranium Ventures Corp.,
The Pot group
[illegible]hi Co., Idaho
$13,983.75 - Uranium

Memorandum

To: [illegible] Allis, Atomic Energy Minerals Exploration Administration

From: [illegible] Nelson, [illegible] Geological Survey

Subject: Review of field team report.

The applicant requested assistance in exploring, by bulldozing and diamond drilling, a small area, underlain by andesite which in turn rests on Precambrian Belt phyllite and quartzite. The andesite shows low radioactivity and autunite is visible. Here opened by a bulldozer trench and pits, 5 samples were taken by the examiners, only one of which showed over 0.10% U3O8. Other examiners took samples from which one slightly higher assay was obtained, 0.127% U3O8.

The radioactivity is limited to the small patch of andesite and as indicated by the sampling the uranium content is not such as to make ore. The examiners and the field team recommend denial of the application and I concur with that recommendation.

R. E. Nelson

R. E. Nelson

NENelson:btr
G 6/25/56

cc: J. W. Crawford, 3641
J. C. Hosted, 3210
Director's reading file (4212)
Branch reading file (4212)
D[illegible] (3)
Chron. file
Docket file

IN REPLY REFER TO:

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

RECEIVED
JUN 26 1956

June 25, 1956

re: [illegible] 4212
Uranium Ventures Corp.,
The [illegible]
[illegible] Co., Idaho
13,943.75 - Uranium

or uranium

To: [illegible] Atomic Energy Commission, Defense Minerals Exploration Administration

From: [illegible] Nelson, [illegible] Geological Survey

Subject: Review of field team report.

The applicant requested assistance in exploring, by bulldozing and diamond drilling, a small area, underlain by andesite which in turn rests on Precambrian Belt phyllite and quartzite. The andesite shows low radioactivity and autunite is visible. Where opened by a bulldozer trench and pits, 5 samples were taken by the examiners, only one of which showed over 0.10% $U_3O_8$. Other examiners took samples from which one slightly higher assay was obtained, 0.127% $U_3O_8$.

The radioactivity is limited to the small patch of andesite and as indicated by the sampling the uranium content is not such as to make ore. The examiners and the field team recommend denial of the application and I concur with that recommendation.

W. S. Nelson

W. S. Nelson

WSNelson:btr
G 6/25/56

cc: J. S. Crawford, 3641
J. D. Hosted, 3210
Director's reading file (4212)
Branch reading file (4212)
[illegible] (3)
Chron. file
Pocket file

IN REPLY REFER TO:

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

RECEIVED
JUN 26 1956

June 25, 1956

[illegible]
Uranium Ventures Corp.,
The [illegible] Group
[illegible], Idaho
[illegible]13,983.75 - Uranium

Memorandum

To: [illegible], Defense Minerals Exploration Administration

From: [illegible] Nelson, U. S. Geological Survey

Subject: Review of field team report.

The applicant requested assistance in exploring, by bulldozing and diamond drilling, a small area, underlain by andesite which in turn rests on Precambrian Belt phyllite and quartzite. The andesite shows low radioactivity and autunite is visible. Where opened by a bulldozer trench and pits, 5 samples were taken by the examiners, only one of which showed over [illegible] g. Other examiners took samples from which one slightly higher assay was obtained, [illegible].127 [illegible] g.

The radioactivity is limited to the small patch of andesite and as indicated by the sampling the uranium content is not such as to make ore. The examiners and the field team recommend denial of the application and I concur with that recommendation.

R. E. Nelson

R. E. Nelson

NENelson:btr
6/25/56

cc: J. [illegible] Crawford, 3641
J. [illegible] Hosted, 3210
Director's reading file (4212)
Branch reading file (4212)
[illegible] (3)
Chron. file
Pocket file

6/22/56 ai

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUN 18 1956

June 8, 1956

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corp.
The Dot Group
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are four copies of memorandum by H.B.Nickelson, Geological Survey, and E.W.Parsons, Bureau of Mines, recommending denial of the application. Also enclosed are four copies of a letter from E. E. Thurlow, Chief of the Division of Raw Materials of the U.S.Atomic Energy Commission, Salt Lake City, concerning the property.

The uranium occurrence is small and much below ore grade. The geologic occurrence suggests that the grade will not improve at depth. Although this deposit is in Challis volcanics the occurrence is apparently similar to the one unsuccessfully explored by Bitterroot Uranium, Inc. (Docket No. DMEA-3460).

We recommend that the application be denied.

By Field Team, Region I, NW Dist.

A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Thomas E. Howard
for: Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosures

cc: USBM (2)
AEC, Salt Lake City
Nickelson

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

RECEIVED
JUN 18 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

June 7, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: E. W. Parsons, Mining Engineer, U. S. Bureau of Mines, and H. B. Nickelson, Geologist, U. S. Geological Survey

Subject: Field Examination Report, Docket No. DMEA-4202 (Uranium), Uranium Ventures Corp., Dot Group of Claims, Lemhi County, Idaho.

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

SUMMARY

The property was examined on May 15, 1956, by the writers, accompanied by K. J. Zimmerman, Vice President of Uranium Ventures Corp., and Bob Van Eckhout and Clayton Jenkins, original locators of the claims. Approximately four hours were spent on the property.

The Dot Group of four claims, owned by Bob Van Eckhout of Hamilton, Montana, and Clayton Jenkins of Darby, Montana, was leased in 1955 to the Uranium Ventures Corporation. The corporation submitted a DMEA application February 27, 1956 requesting 200 hours of bulldozing and 1,000 feet of diamond drilling. A crude road was made to the property and a small amount of trenching has been done at the discovery site by the company.

Information from the limited exposures indicates that autunite occurs in an area approximately 50 feet in diameter in a thin erosional remnant of decomposed andesite underlain by phyllites and quartzites of the Precambrian Belt formation. It is believed the autunite was derived from the weathering and leaching of the volcanic rock which at one time covered the area. The deposit appears to be confined to the small prospected area. The assays from the samples taken are too low grade for commercial exploitation.

RECOMMENDATIONS

In the opinion of the examining team the exploration program submitted by the applicant should be denied.

LOCATION AND ACCESSIBILITY

The Dot Group of claims is approximately 3 miles west of Gibbonsville, Idaho, in parts of unsurveyed secs. 21 and 28, T. 3 S., R. 21 E., B.M., Lemhi County, Idaho. A logging and mining road leaves

U. S. Highway 93 one mile north of Gibbonsville and runs in a westerly direction for about 2 miles to the Bitterroot Uranium Inc. prospect, Wilhite property (Docket No. DMEA-3460), then continues for 1 mile by a circuitous route to the discovery site.

U. S. Highway 93 is a paved highway connecting Missoula, Montana, with Salmon, Idaho, and points south. The mining road to the Wilhite property from U. S. Highway 93 is passable during dry weather and when snow is cleared off in the winter. The last mile to the discovery site may be traversed by a jeep during dry weather only.

## COMPETENCE OF THE APPLICANT

Mr. W. C. Woodard, Secretary and Treasurer of Uranium Ventures Corp., is apparently a business man in Missoula, Montana. Mr. K. J. Zimmerman is a practical mine operator and has worked for mining companies and mining machinery companies. Nothing is known of other officers of the company. The company is not financially able to proceed with development entirely on its own resources but apparently can contribute its share to the proposed work.

## PROPERTY

The property consists of four unpatented lode mining claims in the Gibbonsville Mining District, held by lease from the original locators. The claims are in secs. 21 and 28, T. 3 S., R. 21 E., B.M., Lemhi County, Idaho, and are recorded at the courthouse, Salmon, Idaho, as follows:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| The Dot Quartz | Lode | Mining | Claim | Book | 6 | Page | 622 |
| The Dot No. 2 | " | " | " | " | 6 | " | 623 |
| The Dot No. 3 | " | " | " | " | 7 | " | 275 |
| The Dot No. 4 | " | " | " | " | 7 | " | 276 |

### Description of the Property

The claims are along a narrow ridge crest. The surface of the land is covered with a fair stand of timber. One shallow bulldozer trench has been excavated at the discovery site and two small pits or trenches are close by. Four pits have been dug by hand in the bulldozer trench, the deepest about 5 feet.

## GEOLOGY

The deposit occurs in a thin remnant of andesite that is underlain by phyllites and quartzite of the Precambrian Belt formation. The andesite is a part of the Challis volcanic rocks of Tertiary age. The andesite remnant, as traced by float, appears to be about 500 feet long and from 200 to 300 feet wide; it trends northwest and caps a rather flat ridge.

The enclosed map shows the location of the small trench and pits, and the samples and assays of the five samples cut.

The applicant reports a radioactive zone, approximately 20 feet wide, that can be followed for about 700 feet north of the trench. The examiners tested this zone across the end of a shallow trench about 50 feet north of the trench shown on the sketch and across the zone approximately 100 feet north of this trench. The results showed an increase of about three times background across the trench and less than two times background 100 feet north of the second trench. The second trench was shallow and did not reach bedrock; the material excavated was sand and quartzite boulders.

Belt rocks outcrop within a few feet south of the trench shown on the sketch, and approximately 100 feet southeast of the trench down along the ridge quartzite boulders are present.

Sample data are presented below:

| Sample No. | Width (ft.) | $U_3O_8$ (percent) |
|---|---|---|
| 469 B | 8.8 | 0.034 |
| 470 B | 9.6 | 0.038 |
| 471 B | 6.8 | 0.047 |
| 472 B | 3.0 | 0.103 |
| 473 B | 2.5 | 0.056 |

Sample 469 B was cut across 8.8 feet of the floor of the trench. Autunite was visible along the fractures and in altered portions of the andesite. This sample assayed chemically 0.034 percent $U_3O_8$.

Sample 470 B was cut across the floor of the trench along 9.6 feet. This material had less visible autunite than Sample 469 B but autunite was visible in the decomposed andesite. This sample assayed chemically 0.038 percent $U_3O_8$.

Sample No. 471 B was cut along 6.8 feet in the wall of small pit. Very little autunite was visible in sandy mud which composed the north end of the trench. The sample assayed chemically 0.047 percent $U_3O_8$.

Sample No. 472 B was cut along 3.0 feet of the south wall of a small pit in the floor of the trench. Autunite was visible in the decomposed andesite. This sample assayed chemically 0.103 percent $U_3O_8$.

Sample No. 473 B was cut down both corners of the northeast end of a pit, located about 30 feet west of the trench. The average depth of the two cuts was 2.5 feet. The andesite was less decomposed and the autunite was confined to numerous small fractures trending east and dipping 50°-60° S. The southwest end of the pit was almost barren of visible autunite. This sample assayed chemically 0.056 percent $U_3O_8$.

Two samples reported to have been cut by an engineer from the AEC office in Butte and approximately located by the applicant are shown on the sketch map. One sample cut across 4 feet assayed 0.096 percent $eU_3O_8$ and an analysis of this sample assayed chemically 0.127 percent $U_3O_8$. The second sample cut across 7 feet assayed 0.016 percent $eU_3O_8$. Another sample reported by the applicant assayed 0.07 percent $eU_3O_8$ and the same sample assayed chemically 0.17 percent $U_3O_8$.

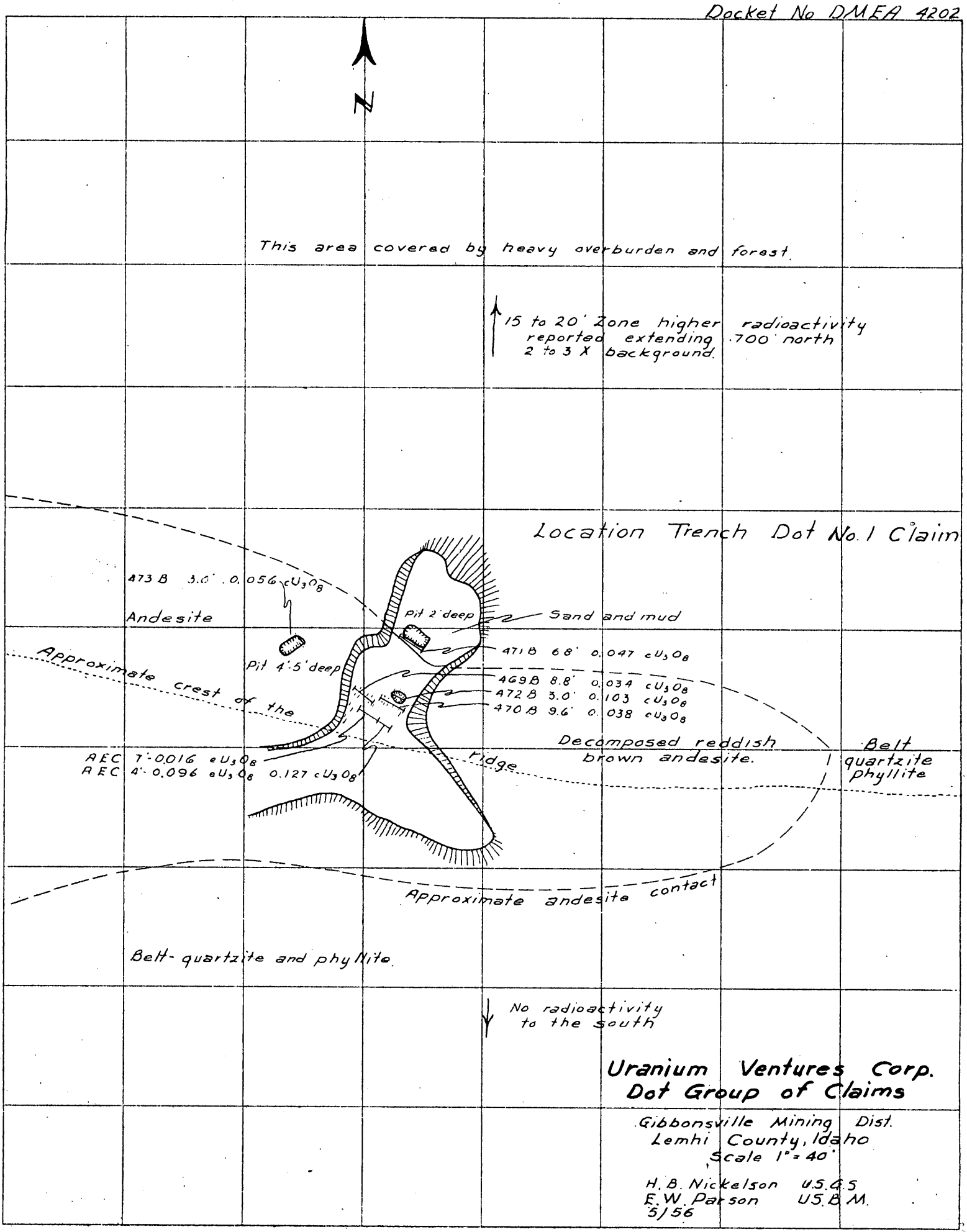
The property was examined during the day and the examiners did not lamp any of the trenches or pits. Autunite was visible as shown in red on the sketch map.

It is believed that the uranium in this and similar prospects in the area has been derived from the Challis volcanics and deposited from ground water.

Attachment 1

Distribution:
DMEA (4)
USBM (5)
AEC, Salt Lake City
Nickelson
Docket
USGS(SRO)

Docket No DMEA 4202




**Uranium Ventures Corp.**
**Dot Group of Claims**

Gibbonsville Mining Dist.
Lemhi County, Idaho
Scale 1" = 40'

H. B. Nickelson U.S.G.S
E. W. Parson U.S.B.M.
5/56

"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF

6/19/56
G.J.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUN 18 1956

June 8, 1956

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corp.
The Dot Group
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are four copies of memorandum by H.B.Nickelson, Geological Survey, and E.W.Parsons, Bureau of Mines, recommending denial of the application. Also enclosed are four copies of a letter from E. E. Thurlow, Chief of the Division of Raw Materials of the U.S.Atomic Energy Commission, Salt Lake City, concerning the property.

The uranium occurrence is small and much below ore grade. The geologic occurrence suggests that the grade will not improve at depth. Although this deposit is in Challis volcanics the occurrence is apparently similar to the one unsuccessfully explored by Bitterroot Uranium, Inc. (Docket No. DMEA-3460).

We recommend that the application be denied.

By Field Team, Region I, NW Dist.

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosures

cc: USBM (2)
AEC, Salt Lake City
Nickelson

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

RECEIVED
JUN 18 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

June 7, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: E. W. Parsons, Mining Engineer, U. S. Bureau of Mines, and H. B. Nickelson, Geologist, U. S. Geological Survey

Subject: Field Examination Report, Docket No. DMEA-4202 (Uranium), Uranium Ventures Corp., Dot Group of Claims, Lemhi County, Idaho.

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

## SUMMARY

The property was examined on May 15, 1956, by the writers, accompanied by K. J. Zimmerman, Vice President of Uranium Ventures Corp., and Bob Van Eckhout and Clayton Jenkins, original locators of the claims. Approximately four hours were spent on the property.

The Dot Group of four claims, owned by Bob Van Eckhout of Hamilton, Montana, and Clayton Jenkins of Darby, Montana, was leased in 1955 to the Uranium Ventures Corporation. The corporation submitted a DMEA application February 27, 1956 requesting 200 hours of bulldozing and 1,000 feet of diamond drilling. A crude road was made to the property and a small amount of trenching has been done at the discovery site by the company.

Information from the limited exposures indicates that autunite occurs in an area approximately 50 feet in diameter in a thin erosional remnant of decomposed andesite underlain by phyllites and quartzites of the Precambrian Belt formation. It is believed the autunite was derived from the weathering and leaching of the volcanic rock which at one time covered the area. The deposit appears to be confined to the small prospected area. The assays from the samples taken are too low grade for commercial exploitation.

## RECOMMENDATIONS

In the opinion of the examining team the exploration program submitted by the applicant should be denied.

## LOCATION AND ACCESSIBILITY

The Dot Group of claims is approximately 3 miles west of Gibbonsville, Idaho, in parts of unsurveyed secs. 21 and 28, T. 3 S., R. 21 E., B.M., Lemhi County, Idaho. A logging and mining road leaves

U. S. Highway 93 one mile north of Gibbonsville and runs in a westerly direction for about 2 miles to the Bitterroot Uranium Inc. prospect, Wilhite property (Docket No. DMEA-3460), then continues for 1 mile by a circuitous route to the discovery site.

U. S. Highway 93 is a paved highway connecting Missoula, Montana, with Salmon, Idaho, and points south. The mining road to the Wilhite property from U. S. Highway 93 is passable during dry weather and when snow is cleared off in the winter. The last mile to the discovery site may be traversed by a jeep during dry weather only.

## COMPETENCE OF THE APPLICANT

Mr. W. C. Woodard, Secretary and Treasurer of Uranium Ventures Corp., is apparently a business man in Missoula, Montana. Mr. K. J. Zimmerman is a practical mine operator and has worked for mining companies and mining machinery companies. Nothing is known of other officers of the company. The company is not financially able to proceed with development entirely on its own resources but apparently can contribute its share to the proposed work.

## PROPERTY

The property consists of four unpatented lode mining claims in the Gibbonsville Mining District, held by lease from the original locators. The claims are in secs. 21 and 28, T. 3 S., R. 21 E., B.M., Lemhi County, Idaho, and are recorded at the courthouse, Salmon, Idaho, as follows:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| The Dot Quartz | Lode | Mining | Claim | Book | 6 | Page | 622 |
| The Dot No. 2 | " | " | " | " | 6 | " | 623 |
| The Dot No. 3 | " | " | " | " | 7 | " | 275 |
| The Dot No. 4 | " | " | " | " | 7 | " | 276 |

### Description of the Property

The claims are along a narrow ridge crest. The surface of the land is covered with a fair stand of timber. One shallow bulldozer trench has been excavated at the discovery site and two small pits or trenches are close by. Four pits have been dug by hand in the bulldozer trench, the deepest about 5 feet.

## GEOLOGY

The deposit occurs in a thin remnant of andesite that is underlain by phyllites and quartzite of the Precambrian Belt formation. The andesite is a part of the Challis volcanic rocks of Tertiary age. The andesite remnant, as traced by float, appears to be about 500 feet long and from 200 to 300 feet wide; it trends northwest and caps a rather flat ridge.

The enclosed map shows the location of the small trench and pits, and the samples and assays of the five samples cut.

The applicant reports a radioactive zone, approximately 20 feet wide, that can be followed for about 700 feet north of the trench. The examiners tested this zone across the end of a shallow trench about 50 feet north of the trench shown on the sketch and across the zone approximately 100 feet north of this trench. The results showed an increase of about three times background across the trench and less than two times background 100 feet north of the second trench. The second trench was shallow and did not reach bedrock; the material excavated was sand and quartzite boulders.

Belt rocks outcrop within a few feet south of the trench shown on the sketch, and approximately 100 feet southeast of the trench down along the ridge quartzite boulders are present.

Sample data are presented below:

| Sample No. | Width (ft.) | $U_3O_8$ (percent) |
|---|---|---|
| 469 B | 8.8 | 0.034 |
| 470 B | 9.6 | 0.038 |
| 471 B | 6.8 | 0.047 |
| 472 B | 3.0 | 0.103 |
| 473 B | 2.5 | 0.056 |

Sample 469 B was cut across 8.8 feet of the floor of the trench. Autunite was visible along the fractures and in altered portions of the andesite. This sample assayed chemically 0.034 percent $U_3O_8$.

Sample 470 B was cut across the floor of the trench along 9.6 feet. This material had less visible autunite than Sample 469 B but autunite was visible in the decomposed andesite. This sample assayed chemically 0.038 percent $U_3O_8$.

Sample No. 471 B was cut along 6.8 feet in the wall of small pit. Very little autunite was visible in sandy mud which composed the north end of the trench. The sample assayed chemically 0.047 percent $U_3O_8$.

Sample No. 472 B was cut along 3.0 feet of the south wall of a small pit in the floor of the trench. Autunite was visible in the decomposed andesite. This sample assayed chemically 0.103 percent $U_3O_8$.

Sample No. 473 B was cut down both corners of the northeast end of a pit, located about 30 feet west of the trench. The average depth of the two cuts was 2.5 feet. The andesite was less decomposed and the autunite was confined to numerous small fractures trending east and dipping 50°-60° S. The southwest end of the pit was almost barren of visible autunite. This sample assayed chemically 0.056 percent $U_3O_8$.

Two samples reported to have been cut by an engineer from the AEC office in Butte and approximately located by the applicant are shown on the sketch map. One sample cut across 4 feet assayed 0.096 percent $eU_3O_8$ and an analysis of this sample assayed chemically 0.127 percent $U_3O_8$. The second sample cut across 7 feet assayed 0.016 percent $eU_3O_8$. Another sample reported by the applicant assayed 0.07 percent $eU_3O_8$ and the same sample assayed chemically 0.17 percent $U_3O_8$.

The property was examined during the day and the examiners did not lamp any of the trenches or pits. Autunite was visible as shown in red on the sketch map.

It is believed that the uranium in this and similar prospects in the area has been derived from the Challis volcanics and deposited from ground water.

Attachment 1

Distribution:
DMEA (4)
USBM (5)
AEC, Salt Lake City
Nickelson
Docket
USGS(SRO)

6-18-56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUN 18 1956

June 11, 1956

Mr. Ernest E. Thurlow, Chief
Salt Lake Expl. Branch
Div. of Raw Materials
U. S. Atomic Energy Commission
P. O. Box 2196
Salt Lake City, Utah

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corp.
The Dot Group
Lemhi County, Idaho

Dear Ernie:

Thank you for your letter of April 25 giving us your thoughts concerning the Dot Claims of the Uranium Ventures Corporation in Lemhi County, Idaho. After an examination our fieldmen have concluded that the property is too low grade and too small to warrant DMEA participation in its exploration. In view of your comments in the second and last paragraphs of your letter we feel that you would not object to this recommendation even though you did tentatively suggest a very limited amount of bulldozing on the property.

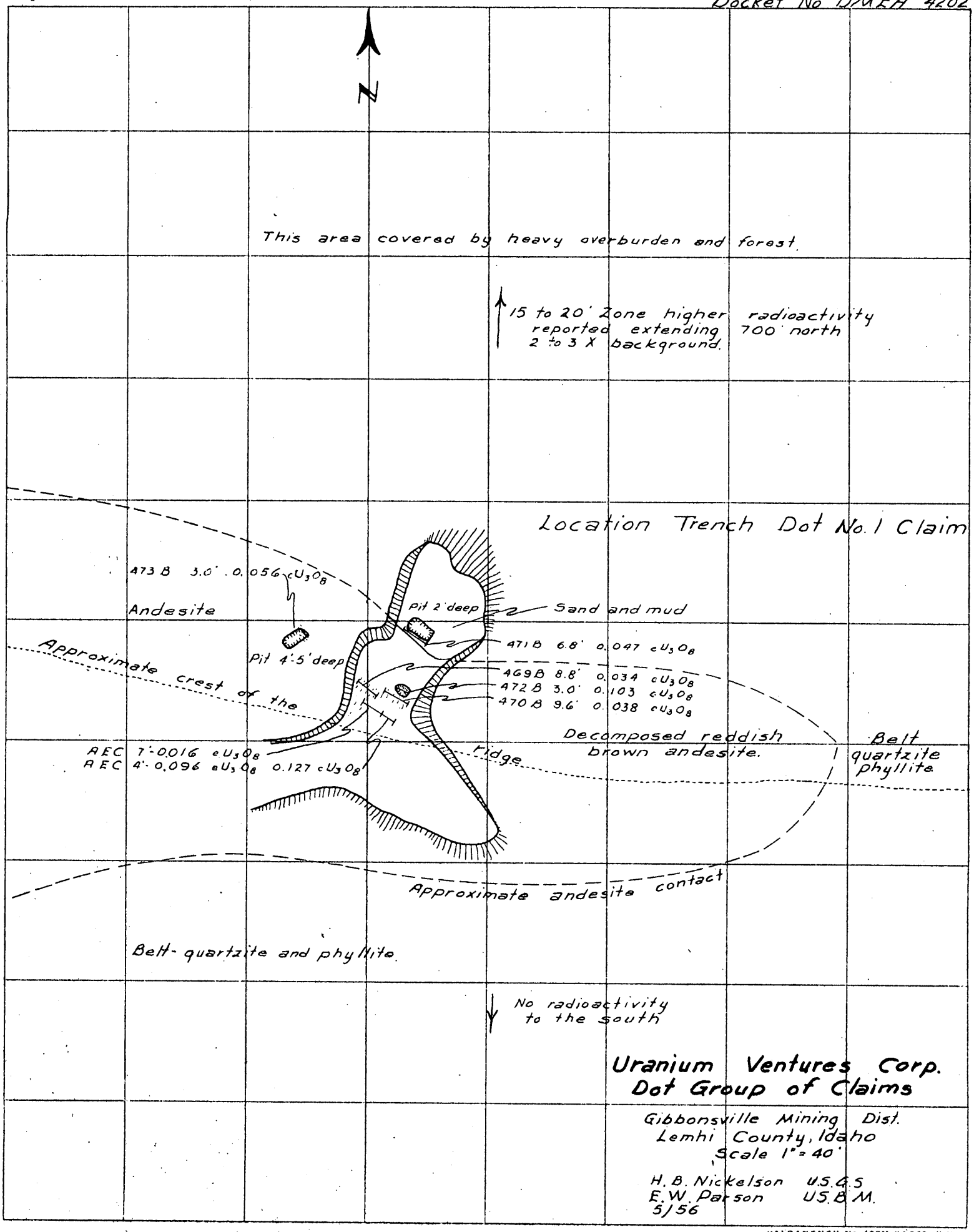
We are enclosing a copy of the examination report by E. W. Parsons of the Bureau of Mines and H. B. Nickelson of the Geological Survey.

Sincerely,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosure
dd: DMEA (2)
USBM (2)
Nickelson

Docket No DMEA 4202




**Uranium Ventures Corp.**
**Dot Group of Claims**

Gibbonsville Mining Dist.
Lemhi County, Idaho
Scale 1" = 40'

H. B. Nickelson U.S.G.S
E. W. Parson U.S.B.M.
5/56

"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUN 18 1956

June 11, 1956

Mr. Ernest E. Thurlow, Chief
Salt Lake Expl. Branch
Div. of Raw Materials
U. S. Atomic Energy Commission
P. O. Box 2106
Salt Lake City, Utah

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corp.
The Dot Group
Lemhi County, Idaho

Dear Ernie:

Thank you for your letter of April 25 giving us your thoughts concerning the Dot Claims of the Uranium Ventures Corporation in Lemhi County, Idaho. After an examination our fieldmen have concluded that the property is too low grade and too small to warrant DMEA participation in its exploration. In view of your comments in the second and last paragraphs of your letter we feel that you would not object to this recommendation even though you did tentatively suggest a very limited amount of bulldozing on the property.

We are enclosing a copy of the examination report by E. W. Parsons of the Bureau of Mines and H. B. Nickelson of the Geological Survey.

Sincerely,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosure

dd: DMEA (2)
USBM (2)
Nickelson

5-15-56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
S. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAY 14 1956

May 9, 1956

W. C. Woodard, Secretary-Treasurer
Uranium Ventures Corp.
1313 W. Broadway
Missoula, Montana

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corp.
The Dot Group
Lemhi County, Idaho

Dear Mr. Woodard:

We plan to examine your property Tuesday, May 15, 1956, if the weather permits. Would you please meet Howard B. Nicholson, Geologist, U. S. Geological Survey, and Edward W. Parsons, Mining Engineer, U. S. Bureau of Mines, either at the Tenneco gas station on the highway at Gibbonsville at 8:30 a.m. or contact them at the Stancrest Hotel in Salmon about 8:00 a.m. on the above date.

Sincerely,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

cc: DMEA (2)
USGS (2)
Nicholson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
S. 157 Howard Street
Spokane 4, Washington

RECEIVED MAY 14 1956

May 9, 1956

W. C. Woodard, Secretary-Treasurer
Uranium Ventures Corp.
1313 W. Broadway
Missoula, Montana

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corp.
The Det Group
Lemhi County, Idaho

Dear Mr. Woodard:

We plan to examine your property Tuesday, May 15, 1956, if the weather permits. Would you please meet Howard B. Nicholson, Geologist, U. S. Geological Survey, and Edward W. Parsons, Mining Engineer, U. S. Bureau of Mines, either at the Texaco gas station on the highway at Gibbonsville at 8:30 a.m. or contact them at the Sunset Hotel in Salmon about 8:00 a.m. on the above date.

Sincerely,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

cc: DMEA (2)
USGS (2)
Nicholson

5-8-56

RECEIVED
MAY 7 - 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
No. 157 Howard Street
Spokane 4, Washington

May 1, 1956

W. C. Woodard, Secretary-Treasurer
Uranium Ventures Corp.
1313 W. Broadway
Missoula, Montana

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corp.
The Dot Group
Lemhi County, Idaho

Dear Mr. Woodard:

Thank you for your letter of April 23, 1956.

Now that we know the snow is off the ground we will try to schedule an examination as soon as possible. The schedules of our geologists are such, however, that we cannot make an examination before about two weeks. We will wire you in advance of an examination.

Sincerely,

A. K. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

cc: DMEA (2)
USBM (2)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAY 7 - 1956

May 1, 1956

W. C. Woodard, Secretary-Treasurer
Uranium Ventures Corp.
1313 N. Broadway
Missoula, Montana

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corp.
The Dot Group
Lemhi County, Idaho

Dear Mr. Woodard:

Thank you for your letter of April 23, 1956.

Now that we know the snow is off the ground we will try to schedule an examination as soon as possible. The schedules of our geologists are such, however, that we cannot make an examination before about two weeks. We will wire you in advance of an examination.

Sincerely,

A. K. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

cc: DMEA (2)
USBM (2)
Nicholson

3/19/56 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAR 19 1956

March 14, 1956

Mr. George C. Selfridge, Chairman
Operation Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corporation
The Dot Group of Claims
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are 6 copies of the Consent to Lien form promised you in our letter of February 29.

Sincerely yours,

Verne C. Fryklund, Jr.

Verne C. Fryklund, Jr.
for: Wing G. Agnew
Acting Executive Officer, DMEA
Field Team, Region I, NW Dist.

Enclosures

cc: USBM (2)

4-20-56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
APR 20 1956

April 17, 1956

Mr. W. C. Woodard
1313 W. Broadway
Missoula, Montana

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corp.
The Dot Group
Lemhi County, Idaho

Dear Mr. Woodard:

After your telephone call last week we tried to reach Mr. Nickelson who had been in the vicinity of your claims but he had started back to Spokane. However, as he reported several feet of snow at an adjacent property it was believed yours would still be partly snow covered. The surface, of course, must be clear of snow before it can be examined. He will probably be in the area again sometime between the first and fifteenth of May and we will contact you so that a field examination can be scheduled during that trip.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

cc: DMEA (2)
USBM (2)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
APR 20 1956

April 17, 1956

Mr. W. C. Woodard
1313 W. Broadway
Missoula, Montana

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corp.
The Dot Group
Lemhi County, Idaho

Dear Mr. Woodard:

After your telephone call last week we tried to reach Mr. Nickelson who had been in the vicinity of your claims but he had started back to Spokane. However, as he reported several feet of snow at an adjacent property it was believed yours would still be partly snow covered. The surface, of course, must be clear of snow before it can be examined. He will probably be in the area again sometime between the first and fifteenth of May and we will contact you so that a field examination can be scheduled during that trip.

Sincerely yours,

A. S. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

cc: DMEA (2)
USBM (2)
Nickelson

RECEIVED
APR 9 - 1956
4-9-56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

April 4, 1956

Mr. Ernest E. Thurlow
U. S. Atomic Energy Commission
P. O. Box 2196
Salt Lake City, Utah

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corporation
The Dot Group
Lemhi County, Idaho

Dear Ernie:

Enclosed is a copy of an application received from Mr. William C. Woodard, 1313 West Broadway, Missoula, Montana. We would appreciate your comments as to whether or not you think this worth-while exploration.

It is noted, from exhibits attached to the application, that Jerry Jarrard looked at the property last fall and obtained some samples which were assayed.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

Enclosure

cc: DMEA (2)
USBM (2)
Nicholson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON, D.C.~~
Sc. 157 Howard Street
Spokane 4, Washington

RECEIVED
APR 9 - 1956

April 4, 1956

Mr. Ernest E. Thurlow
U. S. Atomic Energy Commission
P. O. Box 2196
Salt Lake City, Utah

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corporation
The Dot Group
Lemhi County, Idaho

Dear Ernie:

Enclosed is a copy of an application received from Mr. William C. Woodard, 1313 West Broadway, Missoula, Montana. We would appreciate your comments as to whether or not you think this worth-while exploration.

It is noted, from exhibits attached to the application, that Jerry Jarrard looked at the property last fall and obtained some samples which were assayed.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

Enclosure

cc: DMEA (2)
~~[illegible]~~ (2)
Nicholson

700

FILE COPY

Surnames

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

MAR 20 1956

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I, N.W. District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corporation
The Pot Group
Lemhi County, Idaho

Dear Mr. Weissenborn:

The captioned application is referred to Region I, N.W. District, Field Team for investigation, a field examination, if deemed advisable, and recommendation. A copy of the application was retained by your office.

Enclosed are copies of memoranda, dated March 9 and 15, 1956, from W. E. Nelson, USGS, and J. E. Crawford, USBM, respectively.

In regard to the proposed reconditioning of the access road and bulldozing the trenches, in both cases the Applicant's estimates of the hours required and the unit cost per hour appear to be high. However, the estimate of $7.00 per foot for drilling may be reasonable considering the small amount proposed.

Your comments in regard to the Consent to Lien forms has been noted.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Enclosures

APPROVED:

/s/ Robert W. Geehan (JHB)
Director, Bureau of Mines

Thor H. Kiilsgaard (JHB)
Director, Geological Survey

FMMurphy/izm 3-16-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
Operating Committee
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

R.C.G.

700

FILE COPY
Surname:
Murphy
Ellis
Kilpatrick
Bishop
Sebridge
Johnson

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

MAR 20 1956

Uranium Ventures Corporation
1313 West Broadway
Missoula, Montana

Re: Docket No. DMEA-4202 (Uranium)
The Bet Group
Lemhi County, Idaho

Gentlemen:

The application for assistance in exploring the subject group of claims, under the captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. It has been referred to:

Mr. A. E. Weissenborn
Executive Officer, DMEA Field Team
Region I, Northwest District
South 157 Howard Street
Spokane 4, Washington

The Regional Office will contact you in regard to your project if additional information is required.

Sincerely yours,

C. O. Mittendorf

Administrator

FMMurphy/izm 3-16-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Region I NW District (2)

RCH.

3/16/56 dgm

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

RECEIVED
MAR 16 1956

March 15, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4445

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Application for assistance, DMEA Docket 4202, Uranium Ventures Corporation, The Dot Group of Claims, Lemhi County, Idaho

I have reviewed the attached application, Uranium Ventures Corporation, DMEA Docket 4203, dated February 25 and received in this office March 8. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The applicant requests DMEA assistance to explore for uranium on the Dot group of claims located in Lemhi County, Idaho. The work would include 200 hours of bulldozing, approximately 1,000 feet of diamond drilling, and rebuilding 1½ miles of road. The total estimated cost is $13,983.75.

Two samples of autunite taken from the subject claims have assayed 0.127 and 0.17 percent $U_3O_8$, respectively. The area merits further investigation which can probably best be determined by a field examination.

We recommend that the application be sent to the Field Team and that they consult with E. E. Thurlow, Atomic Energy Commission, Salt Lake City, Utah.

John E. Crawford
John E. Crawford

Attachment

3-12-56 fm

IN REPLY REFER TO:

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

RECEIVED
MAR 12 1956

March 9, 1956

Re: DMEA 4202
Uranium Ventures Corp.
The Dot Group
Lemhi County, Idaho
$13,983.75 - Uranium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicant requests assistance in doing road work, bulldozing, and diamond drilling. An area believed to be underlain by uranium-bearing rocks of ore grade is to be further prospected and explored.

The proposed work consists of:--

| Item | Estimated cost |
|---|---|
| Road work (bulldozing | $ 1,933.75 |
| Bulldozing (stripping) | 4,550.00 |
| Diamond drilling 1,000 feet | 7,000.00 |
| Assays, 100 | 500.00 |
| Total | $13,983.75 |

The estimated cost of the bulldozing is $22.75 per hour.

Bulldozing, already done, has disclosed autunite-bearing material, possibly derived from andesite, from which two samples of possible ore grade have been obtained.

| Sample | Width | % $eU_3O_8$ | % $U_3O_8$ |
|---|---|---|---|
| Jarrard (A14310) | 4.0' | 0.096 | 0.127 |
| Jarrard (A14311) | 7.0' | 0.016 | Not run |
| Edens & Woodard | Not given | 0.07 | 0.17 |

Details related to the area of high radioactivity readings are not given, and it is not possible to judge the significance of the area so mapped.

The assays reported to date do not presage a major discovery, but warrant referral to the Field Team for suitable action, and such referral is recommended.

N. E. Nelson

N. E. Nelson

IN REPLY REFER TO:

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

RECEIVED
MAR 12 1956

March 9, 1956

Re: DMEA 4202
Uranium Ventures Corp.
The Bet Group
Lemhi County, Idaho
$13,983.75 - Uranium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicant requests assistance in doing road work, bulldozing, and diamond drilling. An area believed to be underlain by uranium-bearing rocks of ore grade is to be further prospected and explored.

The proposed work consists of:--

| Item | Estimated cost |
|---|---|
| Road work (bulldozing | $ 1,933.75 |
| Bulldozing (stripping) | 4,550.00 |
| Diamond drilling 1,000 feet | 7,000.00 |
| Assays, 100 | 500.00 |
| Total | $13,983.75 |

The estimated cost of the bulldozing is $82.75 per hour.

Bulldozing, already done, has disclosed autunite-bearing material, possibly derived from uraninite, from which two samples of possible ore grade have been obtained.

| Sample | Width | % $eU_3O_8$ | % $U_3O_8$ |
|---|---|---|---|
| Jarrard (A1A310) | 4.0' | 0.096 | 0.187 |
| Jarrard (A1A311) | 7.0' | 0.016 | Not run |
| Edens & Woodward | Not given | 0.07 | 0.17 |

Details related to the area of high radioactivity readings are not given, and it is not possible to judge the significance of the area so mapped.

The assays reported to date do not presage a major discovery, but warrant referral to the Field Team for suitable action, and such referral is recommended.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-3/9/56

cc: Director's reading, 4212
Branch reading, 4212
DMMA (3)
Docket file
J. E. Crawford, 3641
J. O. Hasted, 3210

March 7, 1956
Subject: DMEA-4202
Re: Exploration Assistance
The Dot Group

Uranium Ventures Corporation
1313 West Broadway
Missoula, Montana

Gentlemen:

The receipt of your application dated February 25, 1956, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4202 and referred to the Rare & Misc. Metals 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

March 7, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region I NW

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 I NW.

DMEA
- 4202 Uranium Ventures Corporation

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAR - 5 1956

February 29, 1956

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: New application (Uranium)
Uranium Ventures Corporation
The Dot Group of Claims
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are the original and 2 copies of an application for exploration assistance submitted by William C. Woodard, Secretary and Treasurer, Uranium Ventures Corporation, 1313 West Broadway, Missoula, Montana. We have retained one copy for our files.

We have asked for consent to lien on the new form - see attached because we noted that they followed the format of the old form. We will forward copies as soon as they are received.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

cc: USBM (2)
Nickelson

MF-103
(Revised April 1952)
(Supplemental Data and Exhibits Attached)

# UNITED STATES DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
MAR - 5 1956

RECEIVED
FEB 27 1956
U. S. G. S.
SPOKANE, WASH

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

*Not to be filled in by applicant*

Docket No. DMEA-4202
Metal or Mineral Uranium
Date Received 3-5-56
Estimated Cost $13,983.75
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: Uranium Ventures Corporation, 1313 West Broadway
Missoula, Montana

(*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

(*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

(*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.

(*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 .....

(*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 ..... days and be completed within ..... months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

(*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 February 25, 1956

Uranium Ventures Corporation
(Applicant)

By K. J. Zimmerman Vice Pres.
William C. Woodard Sec & Treas.

**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

Supplemental Date and Exhibits To:
MF-103

U. S. DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

1.(a) URANIUM VENTURES CORPORATION, 1313 West Broadway, Missoula, Montana.

(b) Corporation, organized and incorporated in Montana November 9, 1955.

(c) President, J. E. Edens, Darby, Montana,

Vice President, Mrs. J. Ward Rukgaber, Darby, Montana,

Vice President, Lyman F. Worth, Polson, Montana,

Vice President, K. J. Zimmerman, 217 Blaine, Missoula, Montana,

Secretary and Treasurer, William C. Woodard,
1313 West Broadway,
Missoula, Montana.

RECEIVED
MAR - 5 1956

2. Signed copies, four each, maps, sketches, photos, etc.

3.(a) The property included in this project is The Dot Group of unpatented lode mining claims, being The Dot Quartz Lode Mining Claim, recorded in Book 6, page 622; The Dot No. 2 Quartz Lode Mining Claim, recorded in Book 6, page 623; The Dot No. 3 Quartz Lode Mining Claim, recorded in Book 7, page 275; The Dot No. 4 Quartz Lode Mining Claim, recorded in Book 7, page 276, believed to be in Sections 21 and 28, unsurveyed territory, T. 3 S., R. 21 E., Boise Meridian, in Lemhi County, Idaho, all of which are more particularly described in the Certificates of Location on file in the Lemhi County Court House, Salmon, Idaho.

(b) The property is referred to as "The Dot Group."

(c) The interest of the applicant is as a lessee, as set forth in the Lease Agreement dated October 6, 1955.

(d) The Lease Agreement dated October 6, 1955, is hereby attached together with the Assignment Agreement and Conveyance of Personal Property dated December 6, 1955, in which the said Lease Agreement of October 6, 1955, was assigned to the Uranium Ventures Corporation.

(e) Not applicable.

(f) The unpatented claims are described in sub-heading (a).

4.(a) In September, 1955, the Uranium Ventures, then operating as a joint venture group, moved a D-4 bulldozer on to the property and began surface exploration. A preliminary access road was made on a very steep grade, suitable for a jeep only, to reach the top of the ridge where high radioactive readings had been discovered on the surface. Stripping by the bulldozer was undertaken over an area approximately 75 x 60 feet. A depth of 6 to 10 feet was reached in the bulldozing but the bottom was still in unconsolidated residual matter and actual bedrock was not reached. Two small pits were dug by hand to a depth of 6 to 8 feet, 1 within dozed area and 1 on the area to the northwest. Approximately 100 feet north of the stripped area, and on the north slope of the ridge, a single cut was bulldozed across the north-south centerline of the group of claims. At no point in any of these excavations was solid bedrock encountered. The overburden was composed of altered igneous rock, nearly all decomposed to soils and in places clayey, with some rather large rocks present, and the D-4 dozer proved to be of insufficient weight and power to continue this kind of work. While arrangements were being made to get in a larger dozer early winter set in in earnest and further operations were infeasible. All of this work was done by Uranium Ventures. In November, the Uranium Ventures Corporation was incorporated and the property and equipment were transferred to the new corporation.

(b) There has been no previous production and there are no proven ore reserves.

(c) Throughout the stripped zone where the above exploration work was done, the secondary uranium mineral autunite was found disseminated throughout the altered and disintegrated soil cover and most of which was altered andesite. Large rocks found within the overburden, not completely disintegrated, were found to contain greater amounts of the autunite through cracks and sheared planes in the andesite rocks. The first set of samples taken from the explored area were as follows: No. 1, 4-foot cut of Pit No. 1, radiometric 0.096% U $3^08$, and the next from a 7-foot cut to the west of the first one, a radiometric analysis of 0.016% U $3^08$. A subsequent chemical analysis of the first sample showed 0.127% U $3^08$. These samples were taken in the east end of the dozed area, near the top of the ridge, and were approximately 18 inches below the original surface. The next sample, No. 2, taken was in the extreme west end of the bulldozed area in the dozed pit about 6 feet below the ground surface, of partially decomposed andesite rocks, and showed the following values: eU = 0.06%; eU $3^08$ = 0.07%; U $3^08$ = 0.17%. Copies of the assay reports are hereto attached and marked Exhibit 4(c)(1) and Exhibit 4(c)(2). The overburden, even where not visible to the naked eye, when examined under a mineralized light showed the presence of autunite scattered throughout.

From a careful examination of the surface, the zone of high radio activity seems to extend from the ridge on the south end of The Dot No. 4, The Dot No. 1, and The Dot No. 3 Claims, extending northward down the 20-degree slope for a distance of 700 feet, with the zones of high radio activity varying from 50 to 150 feet in width.

The small area tested near the top of the ridge indicated where high radioactive values were found on the surface that actual presence of the uranium

mineral autunite was found apparently in grade believed to be commercial, even though the actual bedrock was not reached. There were values throughout the overburden but they seemed to increase with depth in the bulldozed area.

(d) The property is located about 2½ miles by road westerly from Highway No. 93, leaving said highway at a point about one mile north of the town of Gibbonsville, Idaho. A fair dirt road, now used by the Bitter Root Mining Company, approaches to within less than one mile airline of the property. From this point a rather poor road, suitable for a jeep only, was made to the discovery and stripped area. The property is approximately 45 miles from the rail head at Darby, Montana, and 150 miles from the rail head at Mackey, Idaho. It is approximately 30 miles from Salmon, Idaho, the nearest supply center. The nearest residence point is at Gibbonsville, approximately 3½ miles.

(e) This is a mining area and sufficient miners and manpower are believed to be available locally. Materials and supplies are available from either Salmon or Darby and the nearest source of water is from Placer Creek about 1000 feet distant and about 250 feet lower in elevation. The nearest source of electric power is at Gibbonsville, 3½ miles by road and 2½ miles by direct power line.

5.(a) The applicant intends to explore for and determine the extent of the body of uranium ore indicated in the exploration work done and to further explore for and determine the extent of uranium ore indicated in the large zone of surface radio activity.

(b) Proposed work: The applicant proposed to rebuild 1½ miles of road to the extent suitable for truck hauling and to bring in drilling rigs to the area where ore has been indicated, a distance of about 1½ miles. It is proposed to extend the stripping by a heavier bulldozer in the area already

partially stripped and northward in cuts, trenches, and stripping along the indicated radioactive area, and prepare diamond drill sites. In the areas where disclosures by the bulldozing has indicated ore of commercial possibilities, it is proposed that diamond drill holes be run to disclose the depth and grade of the ore mineralization. It is proposed that 200 hours of work be done by bulldozer and approximately 1,000 feet of diamond drilling be done, the exact amount to be contingent upon disclosures from the work done.

(c) The work will start within 15 days after the granting of the proposed exploration project contract and will be completed within 3½ months from the date of an exploration project contract.

(d) J. E. Edens, the president of applicant corporation, has had considerable experience in the business and management of mining enterprises and will look after the corporate business. Kenneth J. Zimmerman, a practical mining operator with 20 years experience in all types of mining operations, will work and be in charge of the actual operation. It is contemplated that the services of a competent geologist will be secured to advise in the geology and engineering required.

6.(a) It is proposed that the project be carried out in the form of independent contracts and that payment be made on the basis of the actual units of work performed. It is estimated that all work to be performed on building the road will be set forth as being 85 hours of work with the bulldozer at $22.75 per hour, including the services of 2 men in addition to the operator, and also including any supplies and explosives which might be necessary, at a total estimated cost of $1,933.75.

It is estimated that 200 hours of work may be done by the bulldozer in trenching, excavating, stripping, and preparing drill sites, at $22.75 per hour, which price includes the services of the operator, Mr. Zimmerman's

services in charge of the operation, and helper, and the services of the engineer and geologist, including whatever small tools and supplies are required, being a total of $4,550.00.

It is estimated that 1,000 feet of diamond drilling work be done at an estimated cost of $7.00 per foot, including the services of a driller, helper, Mr. Zimmerman's services, and geological work, for an estimated total cost of $7,000.00.

It is estimated that 100 chemical assays may be made of samples taken in the process of carrying out the above work at a cost of $5.00 each, or a total of $500.00.

Total estimated cost of the project, $13,983.75.

Inasmuch as it is contemplated that this project will be carried out entirely on the independent contract basis for work performed, subdivisions b, c, d, e, f, g, and h shall, as items, be considered to be included in the separate contracts itemized and set forth in subdivision 6.(a).

7.(a) We are prepared to furnish our share of the cost of the proposed project in accordance with the regulations on government participation.

(b) We will furnish our share of the costs by furnishing money. The applicant intends to hire the project manager, secure the services of the contractors, to buy the supplies and materials, and to pay for all costs of the work done, supplies and materials as done in the performance of the contract, and to submit to the Government records of the work performed, together with any supporting evidence required.

Dated this 25th day of February, 1956.

URANIUM VENTURES CORPORATION

K. J. Zimmerman
Vice President

William C. Stoddart
Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAR 19 1956

March 14, 1956

Mr. George C. Selfridge, Chairman
Operation Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4202 (Uranium)
Uranium Ventures Corporation
The Dot Group of Claims
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are 6 copies of the Consent to Lien form promised you in our letter of February 29.

Sincerely yours,

Verne C. Fryklund, Jr.
for: Wing G. Agnew
Acting Executive Officer, DMEA
Field Team, Region I, NW Dist.

Enclosures

cc: USGS (2)

MF-203
Revised March 24, 1955

RECEIVED
MAR 19 1956

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Lemhi, State of Idaho, described as follows:1/ Quartz Lode Mining Claims: The Dot, recorded in Book 6, Page 622; The Dot No. 2, recorded in Book 6, Page 623; The Dot No. 3, recorded in Book 7, Page 275; The Dot No. 4, recorded in Book 7, Page 276, Lemhi County, Salmon, Idaho, which claims are now under lease to Uranium Ventures, and assigned to Uranium Ventures Corporation, the Applicant, on December 6, 1955, which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

None

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 28th day of February, 1956.

URANIUM VENTURES CORPORATION, [Seal]

Kenneth J. Zimmerman [Seal]
Vice President

William C. Woodard [Seal]
Secretary

I, William C. Woodard certify that I am the Secretary (Secretary, etc.) of the corporation named herein; that Kenneth J. Zimmerman who signed this agreement was then Vice President (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

William C. Woodard
[Corporate Seal]

Clayton Jenkins
Robert Van Eckhoven
Truman Smith

MF-203
Revised March 24, 1955

RECEIVED
MAR 19 1956

Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E
Contract Date

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Lemhi, State of Idaho, described as follows:1/ Quartz Lode Mining Claims: The Dot, recorded in Book 6, Page 622; The Dot No. 2, Recorded in Book 6, Page 623; The Dot No. 3, recorded in Book 7, Page 275; The Dot No. 4, recorded in Book 7, page 276, Lemhi County, Salmon, Idaho, which claims are now under lease to Uranium Ventures, and assigned to Uranium Ventures Corporation, the Applicant, on December 6, 1955, which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

None

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 28th day of February, 1956.

URANIUM VENTURES CORPORATION [Seal]

Kenneth J. Zimmerman [Seal]
Vice President

William C. Woodard [Seal]
Secretary

I, William C. Woodard certify that I am the Secretary (Secretary, etc.) of the corporation named herein; that Kenneth J. Zimmerman, who signed this agreement was then Vice President (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

William C. Woodard
[Corporate Seal]

Clayton Jenkins
Robert Van Eckhoutte
Truman Smith
Owners

MF-203
Revised March 24, 1955

Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E
Contract Date

RECEIVED
MAR 19 1956

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Lemhi, State of Idaho, described as follows:1/ Quartz Lode Mining Claims: The Dot, recorded in Book 6, Page 622; The Dot No. 2, Recorded in Book 6, Page 623; The Dot No. 3, recorded in Book 7, Page 275; The Dot No. 4, recorded in Book 7, page 276, Lemhi County, Salmon, Idaho, which claims are now under lease to Uranium Ventures, and assigned to Uranium Ventures Corporation, the Applicant, on December 6, 1955, which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

None

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 26th day of February, 1956.

URANIUM VENTURES CORPORATION [Seal]

Kenneth J. Zimmerman [Seal]
Vice President

William C. Woodard [Seal]
Secretary

I, William C. Woodard certify that I am the Secretary (Secretary, etc.) of the corporation named herein; that Kenneth J. Zimmerman, who signed this agreement was then Vice President (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

William C. Woodard
[Corporate Seal]

Clayton Jenkins
Robert Van Eckhoud
Truman Smith
Owners

MF-203
Revised March 24, 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E
Contract Date

RECEIVED
MAR 19 1956

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Lemhi, State of Idaho described as follows:1/ Quartz Lode Mining Claims; The Dot, recorded in Book 6, Page 622; The Dot No. 2, Recorded in Book 6, Page 623; The Dot No. 3, recorded in Book 7, Page 275; The Dot No. 4, recorded in Book 7, page 276, Lemhi County, Salmon, Idaho, which claims are now under lease to Uranium Ventures, and assigned to Uranium Ventures Corporation, the Applicant, on December 6, 1955,

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby—

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

None

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 28th day of February, 1956.

URANIUM VENTURES CORPORATION [Seal]

Kenneth J. Zimmerman Vice President [Seal]

William C. Woodard Secretary [Seal]

I, William C. Woodard certify that I am the Secretary (Secretary, etc.) of the corporation named herein; that Kenneth J. Zimmerman, who signed this agreement was then Vice President (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

William C. Woodard

[Corporate Seal]

Clayton Jenkins

Robert Van Eckhoudt

Truman Smith

Owners

MF-203
Revised March 24, 1955

RECEIVED
MAR 19 1956

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E
Contract Date

CONSENT TO LIEN

To the United States of America:

Idaho, referring to that certain land in the County of Lemhi, State of Quartz Lode Mining Claims: The Dot, recorded in Book 6, Page 622; The Dot No. 2, Recorded in Book 6, Page 623; The Dot No. 3, recorded in Book 7, Page 275; The Dot No. 4, recorded in Book 7, page 276, Lemhi County, Salmon, Idaho, which claims are now under lease to Uranium Ventures, and assigned to Uranium Ventures Corporation, the Applicant, on December 6, 1955,

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

None

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 28th day of February, 195 6.

~~URANIUM VENTURES CORPORATION~~

Kenneth J. Zimmerman [Seal]
Vice President

_____ [Seal]
Secretary

William C. Woodard [Seal]
~~William C. Woodard~~

I, Kenneth J. Zimmerman, certify that I am the Vice President Secretary of the corporation named herein; that _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

William C. Woodard
[Corporate Seal]

Clayton Jenkins
Robert Van Eckhoudt
Truman Smith
Owners

MF-203
Revised March 24, 1955

Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E
Contract Date

RECEIVED
MAR 19 1956

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of _____, State of _____, described as follows:1/ Lemhi

Idaho Quartz Lode Mining Claims:

The Dot, recorded in Book 6, Page 622; The Dot No. 2, recorded in Book 6, Page 623; The Dot No. 3, recorded in Book 7, Page 275; The Dot No. 4, recorded in Book 7, Page 276, Lemhi County, Salmon, Idaho, which claims are now under lease to Uranium Ventures, and assigned to Uranium Ventures Corporation, the applicant, on December 6, 1955,

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby—

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

None

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 28th day of February, 1956.

_____ [Seal]

URANIUM VENTURES CORPORATION,

_____ [Seal]

Kenneth J. Zimmerman Vice President [Seal]

I, William C. Woodard Secretary certify that I am the Secretary (etc.) of the corporation named herein; that William C. Woodard Secretary who signed this agreement was then Kenneth J. Zimmerman Vice President (President or Vice President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

William C. Woodard

[Corporate Seal]

Clayton Jenkins

Robert Van Eckhoud

Truman Smith

MF-203
(Revised July 1, 1954)

# OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Idaho, County of Lemhi, described as follows: 1/ The Dot, The Dot No. 2, The Dot No. 3 and The Dot No. 4 Quartz Lode Mining Claims, as recorded in the Lemhi County Courthouse, Salmon, Idaho, which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government," and 2/ Uranium Ventures Corporation, hereinafter called the "Operator", and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on productions 3/provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions _____

_____

_____

Dated this 21 day of February, 1956.

ATTEST:

William Woodard (SEAL)
Secretary

URANIUM VENTURES CORPORATION

J. E. Edens (SEAL)
President

Robert Van Pelt (SEAL)

Truman Smith (SEAL)

Clayton Jenkins (SEAL)

---

1/ Either (a) insert the legal description of the land, or (b) strike out the words "asfollows" and insert "in a lease (or contract, deed, or other document) dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

MF-203
(Revised July 1, 1954)

# OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Idaho, County of Lemhi, described as follows: 1/ The Dot, The Dot No. 2, The Dot No. 3 and The Dot No. 4 Quartz Lode Mining Claims, as recorded in the Lemhi County Courthouse, Salmon, Idaho, which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government," and 2/ Uranium Ventures Corporation, hereinafter called the "Operator", and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on productions 3/provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions _____

_____

_____

Dated this 21 day of February, 1956.

ATTEST:

William C. Woodard (SEAL)
Secretary

URANIUM VENTURES CORPORATION

J. E. Edens (SEAL)
President

Robert Van Eckhoff (SEAL)

Truman Smith (SEAL)

Clayton Jenkins (SEAL)

1/ Either (a) insert the legal description of the land, or (b) strike out the words "asfollows" and insert "in a lease (or contract, deed, or other document) dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

RECEIVED
MAR - 5 1956

SF-203
(Revised July 1, 1954)

# SUBLEASE AGREEMENT

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Idaho, County of Lemhi, described as follows: 1/ The Dot, The Dot No. 2, The Dot No. 3 and The Dot No. 4 Quartz Lode Mining Claims, as recorded in the Lemhi County Courthouse, Salmon, Idaho, which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government," and 2/ Uranium Ventures Corporation, hereinafter called the "Operator", and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on productions 3/provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

3. The undersigned shall permit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions _____

_____

_____

Dated this 21 day of February, 1956.

ATTEST:

William C. Woodard (SEAL)
Secretary

URANIUM VENTURES CORPORATION

J. P. Edens (SEAL)
President

Robert Van Pelt (SEAL)

Truman Smith (SEAL)

Clayton Jenkins (SEAL)

---

1/ Either (a) insert the legal description of the land, or (b) strike out the words "asfollows" and insert "in a lease (or contract, deed, or other document) dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

MF-103 Exhibit 3(d) - Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

LEASE AGREEMENT

THIS LEASE AGREEMENT, made this 6 day of October, 1955 by and between Clayton B. Jenkins of Darby, Montana, Robert Van Eckhout and Truman Smith of Hamilton, Montana, parties of the first part, and URANIUM VENTURES, an unincorporated association of Darby, Montana, consisting of Kenneth J. Zimmerman, J. E. Edens, J. Ward Rukgaber, Lyman F. Worth and William C. Woodard, the party of the second part, WITNESSETH:

RECEIVED
MAR - 5 1956

That the first parties for and in consideration of One Dollar and the Covenants and agreements in this Lease Agreement to be kept and performed, hereby lease to second party the following unpatented lode mining claims situated in the Dahlonega Mining District (unorganized), in Lemhi County, State of Idaho, to-wit:

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| The Dot | Quartz | Lode | Mining | Claim | Recorded | in | Book | 6 | Page 622 |
| The Dot No. 2 | " | " | " | " | " | " | " | 6 | Page 623 |
| The Dot No. 3 | " | " | " | " | " | " | " | 7 | Page 275 |
| The Dot No. 4 | " | " | " | " | " | " | " | 7 | Page 276 |

That this lease is upon the terms and conditions as follows:

A. For a term of 5 years, and for additional terms of 5 years thereafter if second party continues to extract and produce ores and to comply with the terms and provisions hereof, unless sooner terminated as herein provided.

B. Second party or his assigns shall have the right to enter upon the premises and to take exclusive possession of same, for the purpose of examination, exploration, development and operation thereof, and shall commence an operation on or before November 20, 1955, and shall thereafter diligently continue a program of exploration, development and/or operation on the said claims.

C. First parties agree to complete and perfect the location of the Dot No. 3 and The Dot No. 4 Quartz Lode Mining Claims as provided under the Laws of the United States and the State of Idaho.

D. Second party shall order and cause to be paid to first parties royalty of 12½% as follows:

(1) From the production from The Dot, The Dot No. 3 and The Dot No. 4 claims, the 12½ royalty is to be divided equally and paid direct to the order of Clayton B. Jenkins of Darby, Montana and Robert Van Eckhout of Hamilton, Montana.

(2) From the production from The Dot No. 2 claim, the 12½% royalty is to be divided equally in three parts and paid direct to the order of Clayton B. Jenkins of Darby, Montana, Robert Van Eckhout and Truman Smith of Hamilton, Montana.

D. (3)For uranium ores, the royalty shall be calculated on the gross proceeds received for the sale of the ores including bonuses, excepting only the development bonus and the haulage allowance which are to be retained by second party.

(4) Second party is to mine, haul, ship, market and keep separate in all respects the production from the Dot No. 2 claim from that of any of the other claims.

(5) In the event that other ores or minerals are produced and sold from the properties herein leased, then the royalty is to be 7½% of the net smelter, refinery or mint returns, to be divided and paid as hereinabove provided. By net smelter returns is meant the net payment made for the metals, less the smelter charges and deductions, and less the cost of hauling and freighting the ores to the mill and smelter. By net mint returns is meant the gross proceeds of the shipment, less only the mint or refinery charges.

E. First parties or their designated agents shall have the right to go upon said leased property for the purpose of inspecting mining operations and to inspect the books and records.

F. Second party agrees to post on the premises and to maintain at suitable places visible to workmen thereon, written notice to all employees and other persons, informing them of the fact that said premises are being worked and operated by the second party, and that first parties are not in any manner responsible for the wages of any persons employed by second party upon the demised premises, or for any work, supplies or materials furnished to or for second party, its agents, contractors or servants.

G. Second party shall pay all taxes levied or assessed on said mining property for the period beginning January 1, 1956 and shall do and perform the required annual assessment work.

H. Second party shall have the right to erect and install such buildings, structures, machinery or equipment that it might be necessary or desirable, and may remove same at any time during the continuance of this lease, or within 90 days thereafter, providing that if any termination should be made during the winter season then second party shall have until July 15 of the following summer to remove same.

I. First parties agree to cooperate with second party in securing a DMEA project or other government financial air or project, if second party in its discretion decides to apply therefore to help finance second party's exploration, development work and exploitation of ores and minerals in the demised premises, and to do all things necessary to this end by executing such instruments, assurances, liens

or other obligations as may be required by DMEA or other government agency from time to time to effectuate such purposes, and to subordinate royalty payments hereunder to satisfy payments or other requirements in order to obtain DMEA or other financial aid, PROVIDED HOWEVER, that second party shall cause to be paid to DMEA or other government agency the royalty or payment due the government out of second party's share of the proceeds and that such royalties or payments shall not diminish any royalty payments made to first parties' account hereunder.

J. Should second party's operations hereunder be delayed or suspended temporarily by hindrance or prevention of performance by Act of God, accident, strike, conditions, abnormally low metal prices, or other conditions whether similar or dissimilar, beyond second party's reasonable control, which would prevent or render performance abnormally expensive, difficult or impossible, then second party may be excused from performance and shall not be in default during the time of such hindrance or prevention; PROVIDED THAT during the term of such suspension, second party shall do and perform such assessment work as may be necessary to keep valid the unpatented mining claims subject to this lease, and to make any and all payments called for herein.

K. Second party shall maintain liability insurance, Workmen's Compensation, Federal Old Age Insurance, Unemployment Compensation and other laws of like nature, either State or Federal.

L. If the second party should fail in any material particular to perform the terms, conditions, obligations and covenants of this Agreement, then second party may have 60 days after notice in writing of non-compliance with the terms hereof, to perform the conditions and covenants hereof, and it is agreed that upon failure to perform or to commence such operations and to continue them until such default may be cured, then this contract may terminate at the election of first parties by written notice of such election.

M. Conditions of this Agreement shall be deemed to be continuing ones, so that any waiver of first parties of their rights to enforce compliance of any of its terms, conditions, covenants, payments or forfeiture in case of non-compliance for the breach hereof shall not be construed as a waiver of its right to enforce compliance or forfeiture on the occasion of any subsequent breach.

N. The provisions hereof and all of the promises, covenants and agreements of any of the parties hereto shall be binding on the parties hereto, their respective successors, heirs, administrators, executors and assigns.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

Parties of the First Part:

/s/ Clayton B. Jenkins
/s/ Robert Van Eckhout
/s/ Truman Smith

Party of the Second Part:

URANIUM VENTURES

/s/ Kenneth J. Zimmerman
/s/ J. E. Edens
/s/ J. Ward Rukgaber
/s/ William C. Woodard
/s/ Lyman F. Worth

STATE OF MONTANA )
) ss.
County of Ravalli )

On this 6 day of October, 1955, before me the undersigned, a Notary Public in and for the State of Montana, personally appeared Clayton B. Jenkins, Robert Van Eckhout, Truman Smith, Kenneth J. Zimmerman, J. E. Edens, known to me to be some of the persons who executed the foregoing instrument and acknowledged to me that they executed the same.

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

/s/ Marjorie Smith
Notary Public for Montana
Residing at Darby, Montana
My Commission expires Apr. 14, 1957

(SEAL)

STATE OF MONTANA )
) ss.
COUNTY OF MISSOULA )

On this 6 day of December, 1955, before me the undersigned, a Notary Public in and for the State of Montana, personally appeared William C. Woodard, Lyman F. Worth, known to me to be some of the persons who executed the foregoing instrument and acknowledged to me that they executed the same.

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

/s/ Earl F. Elstone
Notary Public for Montana
Residing at Missoula, Montana
My Commission expires Nov. 5, 1957

(SEAL)

MF-103 Exhi[illegible] 3(d) - Uranium Ventures Corpo[illegible]ion
1313 West Broadway, Missoula, Montana

ASSIGNMENT, AGREEMENT AND CONVEYANCE OF PERSONAL PROPERTY

THIS ASSIGNMENT, AGREEMENT AND CONVEYANCE OF PERSONAL PROPERTY, made and entered into this 6 day of December, 1955, by and between Kenneth J. Zimmerman and J. E. Edens, individually, and J. E. Edens as attorney-in-fact for J. Ward Rukgaber, Lyman F. Worth and William C. Woodard, all members of Uranium Ventures, an unincorporated association, of Darby, Montana, as first party, and the Uranium Ventures Corporation, a Montana corporation of Darby, Montana, party of the second part, WITNESSETH:

That first party, for and in consideration of the exchange of all of the capital stock of second party, and of the following agreements to be kept and performed by second party, does hereby,

(a) Assign all of the right, title and interest of first party in and to that certain contract dated October 6, 1955, by and between Clayton B. Jenkins, Robert Van Eckhout and Truman Smith as first parties, and Uranium Ventures as second party, covering The Dot, The Dot No. 2, The Dot No. 3, and the Dot No. 4 Quartz Lode Mining Claims in the Dahlonega (unorganized) Mining District of Lemhi County, Idaho, to the second party.

(b) Transfer and convey all of the personal property and equipment held or owned by first party, or to which it may be entitled, to the second party. First party agrees to execute the necessary transfer of title to the Willys Jeep and the House Trailer, and to record the said transfers with the Registrar of Motor Vehicles at Deer Lodge, Montana, in the name of the second party.

(c) Agree to execute good and sufficient quitclaim deeds to the mining claims and interests in mining claims held by first party and/or Kenneth J. Zimmerman in the State of Washington to the second party.

The second party hereby agrees to accept the certain contract of October 6, 1955, and to abide by and conform to all of the terms, conditions, and obligations thereof.

IN WITNESS WHEREOF, the parties hereto have caused this contract to be executed by the proper and authorized parties.

First Party: URANIUM VENTURES

/s/ Kenneth J. Zimmerman
Kenneth J. Zimmerman

/s/ J. E. Edens
J. E. Edens, Individually, and

/s/ J. E. Edens
J. E. Edens as Attorney-in-Fact for J. Ward Rukgaber, Lyman F. Worth and William C. Woodard

Second Party: URANIUM VENTURES CORPORATION
(CORPORATE SEAL)

/s/ J. E. Edens
President

/s/ William C. Woodard
Secretary

STATE OF MONTANA, )
) ss.
COUNTY OF MISSOULA )

On this 6 day of December, 1955, before me, the undersigned, a Notary Public in and for the State of Montana, personally appeared Kenneth J. Zimmerman and J. E. Edens, individually, and J. E. Edens as Attorney-in-Fact for J. Ward Rukgaber, Lyman F. Worth and William C. Woodard, known to me personally to be the members of Uranium Ventures who executed the foregoing instrument, and J. E. Edens and William C. Woodard, known to me personally to be the president and secretary, respectively of the Uranium Ventures Corporation, that executed the foregoing instrument, and all of them acknowledged to me that they executed the same for the reasons and purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Notarial Seal this day and year first above written.

/s/ Earl F. Elstone
Notary Public for Montana.
Residing at Missoula, Montana.
My Commission expires: Nov. 5, 1957

(SEAL)

MF-103 Exhibit 3(d) - Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

SPECIAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That we, J. Ward Rukgaber and Lyman F. Worth, of Darby, Montana, and William C. Woodard of Missoula, Montana, have made, constituted and appointed, and by these presents do make, constitute and appoint J. E. Edens of Darby, Montana, our true and lawful attorney to act for us and in our names, in all matters concerning our several, individual interests in the joint adventure, URANIUM VENTURES, of which we are individual members; to represent us, and generally to do and perform all matters, transact all business, make, execute and acknowledge all contracts, orders, leases, assurances or other instruments which may be requisite or proper to effectuate all or any of the aims and purposes of the joint adventure, URANIUM VENTURES, with the same power, and to all intents and purposes, with the same validity as we could as individual members, if personally present; and hereby ratifying and confirming all that our said attorney shall lawfully do or cause to be done by virtue of these presents.

Witness our hands and seals this 21st day of March, 1955.

/s/ J. Ward Rukgaber

/s/ Lyman F. Worth

/s/ William C. Woodard

STATE OF MONTANA )
: ss.
COUNTY OF MISSOULA )

RECEIVED
MAR - 5 1956

On this 6 day of December, 1955, before me, the undersigned, a Notary Public in and for the State of Montana, personally appeared J. Ward Rukgaber and Lyman F. Worth, known to me to be some of the persons who executed the foregoing instrument and acknowledged to me that they executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my Notarial Seal this day and year first above written.

/s/ Earl F. Elstone
Notary Public for Montana
Residing at Missoula, Montana
My Commission expires Nov. 5, 1957

(SEAL)

STATE OF MONTANA )
: ss.
COUNTY OF MISSOULA )

On this 21st day of March, 1955, before me, the undersigned, a Notary Public in and for the State of Montana, personally appeared William C. Woodard, known to me to be one of the persons who executed the foregoing instrument and acknowledged to me that he executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my Notarial Seal this day and year first above written.

/s/ H. H. Simon
Notary Public for Montana
Residing at Missoula, Montana
My Commission expires Jan. 27, 1956

(SEAL)

MF-103 Exhibit 4(c)(1)
Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

UNITED STATES
ATOMIC ENERGY COMMISSION
Division of Raw Materials
Salt Lake Exploration Branch

February 16, 1956

Uranium Ventures, Incorporated
1313 West Broadway
Missoula, Montana

Gentlemen:

Chemical assay of the sample of autunite bearing material taken by me during the time of our visit to your property last fall, assaying 0.096 percent equivalent $U_3O8$, has been received and is 0.127 percent $U_3O_8$.

While the chemical assay is approximately 30 percent higher than the equivalent, it does not indicate the great discrepancy which you thought might be present.

Should you care to submit additional samples, we will assay them for you radiometrically.

Very truly yours,

/s/ Leonard D. Jarrard

Leonard D. Jarrard
Chief, Butte Sub-Office

RECEIVED
MAR - 5 1956

MF-103 - Exhibit 4(c)(1)
Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

United States Atomic Energy Commission
Division of Raw Materials
Salt Lake Exploration Branch

Address Reply To:
U. S. Atomic Energy Commission
Butte Sub-Office
P. O. Box 1984
Butte, Montana

And Refer To: L D J

REPORT ON RADIOACTIVE ANALYSIS

Sample submitted by: K. J. Zimmerman
Uranium Ventures
Box 550
Darby, Montana

Date: 11-3-55

(Samples taken by L. D. Jarrard)

Name of property: Dot Claim near
Gibbonsville
Idaho

| Sample number: | | Percent Uranium Oxide (radiometric) | Percent Uranium Oxide (chemical) |
|---|---|---|---|
| | A14310 (4' cut of pit #1) | 0.096 | ------ |
| | A14311 (7' cut to west of A14310) | 0.016 | ------ |

Uranium minerals identified: Autunite flakes visible as crusts and coatings, usually along minor fractures in andesitic host rock.

Remarks: None other than our verbal conversation at time of visit.

Very truly yours,

/s/ Leonard D. Jarrard

Leonard D. Jarrard
Chief, Butte Sub-Office

RECEIVED
MAR 15 1956

MF-103 - Exhibit 4(c)(2) -
Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

WASHINGTON TESTING LABORATORIES, INC.
N. 118 Browne, Spokane 1, Washington

Date: Jan. 5, 1956

Lab. No. 1271

Report to: Uranium Ventures, Inc.
1313 W. Broadway
Missoula, Montana

Report on: Sample submitted

Sample identification: Submitted by: Jesse Edens
Wm. C. Woodard

Tests performed and results:

| | | |
|---|---|---|
| eU | = | 0.06% |
| eU $3^08$ | = | 0.07% |
| U $3^08$ | = | 0.17% |

Crawford

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
~~XXXXXXXXXXXXXXXXXX~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAR 5 1956

February 29, 1956

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

3 Yd

Re: New application (Uranium)
Uranium Ventures Corporation
The Dot Group of Claims
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are the original and 2 copies of an application for exploration assistance submitted by William C. Woodard, Secretary and Treasurer, Uranium Ventures Corporation, 1313 West Broadway, Missoula, Montana. We have retained one copy for our files.

We have asked for consent to lien on the new form because we noted that they followed the format of the old form. We will forward copies as soon as they are received.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

cc: USGS (2)
Richardson

MF-103
(Revised April 1952)
(Supplemental Data and Exhibits attached)

# UNITED STATES DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
MAR - 5 1956

RECEIVED
FEB 27 1956
U. S. G. S.
SPOKANE, WASH.

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

*Not to be filled in by applicant*

Docket No. DMEA-4202
Metal or Mineral Uranium
Date Received 3-5-56
Estimated Cost $13,983.75
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: Uranium Ventures Corporation, 1313 West Broadway, Missoula, Montana

(*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

(*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

(*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.

(*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 .....

(*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 ..... days and be completed within ..... months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

(*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 February 25, 1956

Uranium Ventures Corporation
(Applicant)

By K. J. Zimmerman Vice Pres.
William C. Woodard, Sec.

**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

Supplemental Date and Exhibits To:
MF-103

U. S. DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

1.(a) URANIUM VENTURES CORPORATION, 1313 West Broadway, Missoula, Montana.

(b) Corporation, organized and incorporated in Montana November 9, 1955.

(c) President, J. E. Edens, Darby, Montana,

Vice President, Mrs. J. Ward Rukgaber, Darby, Montana,

Vice President, Lyman F. Worth, Polson, Montana,

Vice President, K. J. Zimmerman, 217 Blaine, Missoula, Montana,

Secretary and Treasurer, William C. Woodard,
1313 West Broadway,
Missoula, Montana.

RECEIVED
MAR 5 1956

2. Signed copies, four each, maps, sketches, photos, etc.

3.(a) The property included in this project is The Dot Group of unpatented lode mining claims, being The Dot Quartz Lode Mining Claim, recorded in Book 6, page 622; The Dot No. 2 Quartz Lode Mining Claim, recorded in Book 6, page 623; The Dot No. 3 Quartz Lode Mining Claim, recorded in Book 7, page 275; The Dot No. 4 Quartz Lode Mining Claim, recorded in Book 7, page 276, believed to be in Sections 21 and 28, unsurveyed territory, T. 3 S., R. 21 E., Boise Meridian, in Lemhi County, Idaho, all of which are more particularly described in the Certificates of Location on file in the Lemhi County Court House, Salmon, Idaho.

(b) The property is referred to as "The Dot Group."

(c) The interest of the applicant is as a lessee, as set forth in the Lease Agreement dated October 6, 1955.

(d) The Lease Agreement dated October 6, 1955, is hereby attached together with the Assignment Agreement and Conveyance of Personal Property dated December 6, 1955, in which the said Lease Agreement of October 6, 1955, was assigned to the Uranium Ventures Corporation.

(e) Not applicable.

(f) The unpatented claims are described in sub-heading (a).

4.(a) In September, 1955, the Uranium Ventures, then operating as a joint venture group, moved a D-4 bulldozer on to the property and began surface exploration. A preliminary access road was made on a very steep grade, suitable for a jeep only, to reach the top of the ridge where high radioactive readings had been discovered on the surface. Stripping by the bulldozer was undertaken over an area approximately 75 x 60 feet. A depth of 6 to 10 feet was reached in the bulldozing but the bottom was still in unconsolidated residual matter and actual bedrock was not reached. Two small pits were dug by hand to a depth of 6 to 8 feet, 1 within dozed area and 1 on the area to the northwest. Approximately 100 feet north of the stripped area, and on the north slope of the ridge, a single cut was bulldozed across the north-south centerline of the group of claims. At no point in any of these excavations was solid bedrock encountered. The overburden was composed of altered igneous rock, nearly all decomposed to soils and in places clayey, with some rather large rocks present, and the D-4 dozer proved to be of insufficient weight and power to continue this kind of work. While arrangements were being made to get in a larger dozer early winter set in in earnest and further operations were infeasible. All of this work was done by Uranium Ventures. In November, the Uranium Ventures Corporation was incorporated and the property and equipment were transferred to the new corporation.

(b) There has been no previous production and there are no proven ore reserves.

(c) Throughout the stripped zone where the above exploration work was done, the secondary uranium mineral autunite was found disseminated throughout the altered and disintegrated soil cover and most of which was altered andesite. Large rocks found within the overburden, not completely disintegrated, were found to contain greater amounts of the autunite through cracks and sheared planes in the andesite rocks. The first set of samples taken from the explored area were as follows: No. 1, 4-foot cut of Pit No. 1, radiometric 0.096% U $3^08$, and the next from a 7-foot cut to the west of the first one, a radiometric analysis of 0.016% U $3^08$. A subsequent chemical analysis of the first sample showed 0.127% U $3^08$. These samples were taken in the east end of the dozed area, near the top of the ridge, and were approximately 18 inches below the original surface. The next sample, No. 2, taken was in the extreme west end of the bulldozed area in the dozed pit about 6 feet below the ground surface, of partially decomposed andesite rocks, and showed the following values: eU = 0.06%; eU $3^08$ = 0.07%; U $3^08$ = 0.17%. Copies of the assay reports are hereto attached and marked Exhibit 4(c)(1) and Exhibit 4(c)(2). The overburden, even where not visible to the naked eye, when examined under a mineralized light showed the presence of autunite scattered throughout.

From a careful examination of the surface, the zone of high radio activity seems to extend from the ridge on the south end of The Dot No. 4, The Dot No. 1, and The Dot No. 3 Claims, extending northward down the 20-degree slope for a distance of 700 feet, with the zones of high radio activity varying from 50 to 150 feet in width.

The small area tested near the top of the ridge indicated where high radioactive values were found on the surface that actual presence of the uranium

mineral autunite was found apparently in grade believed to be commercial, even though the actual bedrock was not reached. There were values throughout the overburden but they seemed to increase with depth in the bulldozed area.

(d) The property is located about 2½ miles by road westerly from Highway No. 93, leaving said highway at a point about one mile north of the town of Gibbonsville, Idaho. A fair dirt road, now used by the Bitter Root Mining Company, approaches to within less than one mile airline of the property. From this point a rather poor road, suitable for a jeep only, was made to the discovery and stripped area. The property is approximately 45 miles from the rail head at Darby, Montana, and 150 miles from the rail head at Mackey, Idaho. It is approximately 30 miles from Salmon, Idaho, the nearest supply center. The nearest residence point is at Gibbonsville, approximately 3½ miles.

(e) This is a mining area and sufficient miners and manpower are believed to be available locally. Materials and supplies are available from either Salmon or Darby and the nearest source of water is from Placer Creek about 1000 feet distant and about 250 feet lower in elevation. The nearest source of electric power is at Gibbonsville, 3½ miles by road and 2½ miles by direct power line.

5.(a) The applicant intends to explore for and determine the extent of the body of uranium ore indicated in the exploration work done and to further explore for and determine the extent of uranium ore indicated in the large zone of surface radio activity.

(b) Proposed work: The applicant proposed to rebuild 1½ miles of road to the extent suitable for truck hauling and to bring in drilling rigs to the area where ore has been indicated, a distance of about 1½ miles. It is proposed to extend the stripping by a heavier bulldozer in the area already

partially stripped and northward in cuts, trenches, and stripping along the indicated radioactive area, and prepare diamond drill sites. In the areas where disclosures by the bulldozing has indicated ore of commercial possibilities, it is proposed that diamond drill holes be run to disclose the depth and grade of the ore mineralization. It is proposed that 200 hours of work be done by bulldozer and approximately 1,000 feet of diamond drilling be done, the exact amount to be contingent upon disclosures from the work done.

(c) The work will start within 15 days after the granting of the proposed exploration project contract and will be completed within 3½ months from the date of an exploration project contract.

(d) J. E. Edens, the president of applicant corporation, has had considerable experience in the business and management of mining enterprises and will look after the corporate business. Kenneth J. Zimmerman, a practical mining operator with 20 years experience in all types of mining operations, will work and be in charge of the actual operation. It is contemplated that the services of a competent geologist will be secured to advise in the geology and engineering required.

6.(a) It is proposed that the project be carried out in the form of independent contracts and that payment be made on the basis of the actual units of work performed. It is estimated that all work to be performed on building the road will be set forth as being 85 hours of work with the bulldozer at $22.75 per hour, including the services of 2 men in addition to the operator, and also including any supplies and explosives which might be necessary, at a total estimated cost of $1,933.75.

It is estimated that 200 hours of work may be done by the bulldozer in trenching, excavating, stripping, and preparing drill sites, at $22.75 per hour, which price includes the services of the operator, Mr. Zimmerman's

services in charge of the operation, and helper, and the services of the engineer and geologist, including whatever small tools and supplies are required, being a total of $4,550.00.

It is estimated that 1,000 feet of diamond drilling work be done at an estimated cost of $7.00 per foot, including the services of a driller, helper, Mr. Zimmerman's services, and geological work, for an estimated total cost of $7,000.00.

It is estimated that 100 chemical assays may be made of samples taken in the process of carrying out the above work at a cost of $5.00 each, or a total of $500.00.

Total estimated cost of the project, $13,983.75.

Inasmuch as it is contemplated that this project will be carried out entirely on the independent contract basis for work performed, subdivisions b, c, d, e, f, g, and h shall, as items, be considered to be included in the separate contracts itemized and set forth in subdivision 6.(a).

7.(a) We are prepared to furnish our share of the cost of the proposed project in accordance with the regulations on government participation.

(b) We will furnish our share of the costs by furnishing money. The applicant intends to hire the project manager, secure the services of the contractors, to buy the supplies and materials, and to pay for all costs of the work done, supplies and materials as done in the performance of the contract, and to submit to the Government records of the work performed, together with any supporting evidence required.

Dated this 25th day of February, 1956.

URANIUM VENTURES CORPORATION

K. J. Zimmerman

Vice President

William A. Hardard

Secretary

MF-103 Exhibit 3(d) - Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

LEASE AGREEMENT

THIS LEASE AGREEMENT, made this 6 day of October, 1955 by and between Clayton B. Jenkins of Darby, Montana, Robert Van Eckhout and Truman Smith of Hamilton, Montana, parties of the first part, and URANIUM VENTURES, an unincorporated association of Darby, Montana, consisting of Kenneth J. Zimmerman, J. E. Edens, J. Ward Rukgaber, Lyman F. Worth and William C. Woodard, the party of the second part, WITNESSETH:

That the first parties for and in consideration of One Dollar and the Covenants and agreements in this Lease Agreement to be kept and performed, hereby lease to second party the following unpatented lode mining claims situated in the Dahlonega Mining District (unorganized), in Lemhi County, State of Idaho, to-wit:

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| The Dot | Quartz | Lode | Mining | Claim | Recorded | in | Book | 6 | Page 622 |
| The Dot No. 2 | " | " | " | " | " | " | " | 6 | Page 623 |
| The Dot No. 3 | " | " | " | " | " | " | " | 7 | Page 275 |
| The Dot No. 4 | " | " | " | " | " | " | " | 7 | Page 276 |

That this lease is upon the terms and conditions as follows:

A. For a term of 5 years, and for additional terms of 5 years thereafter if second party continues to extract and produce ores and to comply with the terms and provisions hereof, unless sooner terminated as herein provided.

RECEIVED
MAR - 5 1956

B. Second party or his assigns shall have the right to enter upon the premises and to take exclusive possession of same, for the purpose of examination, exploration, development and operation thereof, and shall commence an operation on or before November 20, 1955, and shall thereafter diligently continue a program of exploration, development and/or operation on the said claims.

C. First parties agree to complete and perfect the location of the Dot No. 3 and The Dot No. 4 Quartz Lode Mining Claims as provided under the Laws of the United States and the State of Idaho.

D. Second party shall order and cause to be paid to first parties royalty of 12½% as follows:

(1) From the production from The Dot, The Dot No. 3 and The Dot No. 4 claims, the 12½ royalty is to be divided equally and paid direct to the order of Clayton B. Jenkins of Darby, Montana and Robert Van Eckhout of Hamilton, Montana.

(2) From the production from The Dot No. 2 claim, the 12½% royalty is to be divided equally in three parts and paid direct to the order of Clayton B. Jenkins of Darby, Montana, Robert Van Eckhout and Truman Smith of Hamilton, Montana.

D. (3)For uranium ores, the royalty shall be calculated on the gross proceeds received for the sale of the ores including bonuses, excepting only the development bonus and the haulage allowance which are to be retained by second party.

(4) Second party is to mine, haul, ship, market and keep separate in all respects the production from the Dot No. 2 claim from that of any of the other claims.

(5) In the event that other ores or minerals are produced and sold from the properties herein leased, then the royalty is to be 7½% of the net smelter, refinery or mint returns, to be divided and paid as hereinabove provided. By net smelter returns is meant the net payment made for the metals, less the smelter charges and deductions, and less the cost of hauling and freighting the ores to the mill and smelter. By net mint returns is meant the gross proceeds of the shipment, less only the mint or refinery charges.

E. First parties or their designated agents shall have the right to go upon said leased property for the purpose of inspecting mining operations and to inspect the books and records.

F. Second party agrees to post on the premises and to maintain at suitable places visible to workmen thereon, written notice to all employees and other persons, informing them of the fact that said premises are being worked and operated by the second party, and that first parties are not in any manner responsible for the wages of any persons employed by second party upon the demised premises, or for any work, supplies or materials furnished to or for second party, its agents, contractors or servants.

G. Second party shall pay all taxes levied or assessed on said mining property for the period beginning January 1, 1956 and shall do and perform the required annual assessment work.

H. Second party shall have the right to erect and install such buildings, structures, machinery or equipment that it might be necessary or desirable, and may remove same at any time during the continuance of this lease, or within 90 days thereafter, providing that if any termination should be made during the winter season then second party shall have until July 15 of the following summer to remove same.

I. First parties agree to cooperate with second party in securing a DMEA project or other government financial air or project, if second party in its discretion decides to apply therefore to help finance second party's exploration, development work and exploitation of ores and minerals in the demised premises, and to do all things necessary to this end by executing such instruments, assurances, liens

or other obligations as may be required by DMEA or other government agency from time to time to effectuate such purposes, and to subordinate royalty payments hereunder to satisfy payments or other requirements in order to obtain DMEA or other financial aid, PROVIDED HOWEVER, that second party shall cause to be paid to DMEA or other government agency the royalty or payment due the government out of second party's share of the proceeds and that such royalties or payments shall not diminish any royalty payments made to first parties' account hereunder.

J. Should second party's operations hereunder be delayed or suspended temporarily by hindrance or prevention of performance by Act of God, accident, strike, conditions, abnormally low metal prices, or other conditions whether similar or dissimilar, beyond second party's reasonable control, which would prevent or render performance abnormally expensive, difficult or impossible, then second party may be excused from performance and shall not be in default during the time of such hindrance or prevention; PROVIDED THAT during the term of such suspension, second party shall do and perform such assessment work as may be necessary to keep valid the unpatented mining claims subject to this lease, and to make any and all payments called for herein.

K. Second party shall maintain liability insurance, Workmen's Compensation, Federal Old Age Insurance, Unemployment Compensation and other laws of like nature, either State or Federal.

L. If the second party should fail in any material particular to perform the terms, conditions, obligations and covenants of this Agreement, then second party may have 60 days after notice in writing of non-compliance with the terms hereof, to perform the conditions and covenants hereof, and it is agreed that upon failure to perform or to commence such operations and to continue them until such default may be cured, then this contract may terminate at the election of first parties by written notice of such election.

M. Conditions of this Agreement shall be deemed to be continuing ones, so that any waiver of first parties of their rights to enforce compliance of any of its terms, conditions, covenants, payments or forfeiture in case of non-compliance for the breach hereof shall not be construed as a waiver of its right to enforce compliance or forfeiture on the occasion of any subsequent breach.

N. The provisions hereof and all of the promises, covenants and agreements of any of the parties hereto shall be binding on the parties hereto, their respective successors, heirs, administrators, executors and assigns.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

Parties of the First Part:

/s/ Clayton B. Jenkins
/s/ Robert Van Eckhout
/s/ Truman Smith

Party of the Second Part:

URANIUM VENTURES

/s/ Kenneth J. Zimmerman
/s/ J. E. Edens
/s/ J. Ward Rukgaber
/s/ William C. Woodard
/s/ Lyman F. Worth

STATE OF MONTANA )
) ss.
County of Ravalli )

On this 6 day of October, 1955, before me the undersigned, a Notary Public in and for the State of Montana, personally appeared Clayton B. Jenkins, Robert Van Eckhout, Truman Smith, Kenneth J. Zimmerman, J. E. Edens, known to me to be some of the persons who executed the foregoing instrument and acknowledged to me that they executed the same.

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

/s/ Marjorie Smith
Notary Public for Montana
Residing at Darby, Montana
My Commission expires Apr. 14, 1957

(SEAL)

STATE OF MONTANA )
) ss.
COUNTY OF MISSOULA )

On this 6 day of December, 1955, before me the undersigned, a Notary Public in and for the State of Montana, personally appeared William C. Woodard, Lyman F. Worth, known to me to be some of the persons who executed the foregoing instrument and acknowledged to me that they executed the same.

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

/s/ Earl F. Elstone
Notary Public for Montana
Residing at Missoula, Montana
My Commission expires Nov. 5, 1957

(SEAL)

MF-103 Exhibit 3(d) - Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

ASSIGNMENT, AGREEMENT AND CONVEYANCE OF PERSONAL PROPERTY

THIS ASSIGNMENT, AGREEMENT AND CONVEYANCE OF PERSONAL PROPERTY, made and entered into this 6 day of December, 1955, by and between Kenneth J. Zimmerman and J. E. Edens, individually, and J. E. Edens as attorney-in-fact for J. Ward Rukgaber, Lyman F. Worth and William C. Woodard, all members of Uranium Ventures, an unincorporated association, of Darby, Montana, as first party, and the Uranium Ventures Corporation, a Montana corporation of Darby, Montana, party of the second part, WITNESSETH:

That first party, for and in consideration of the exchange of all of the capital stock of second party, and of the following agreements to be kept and performed by second party, does hereby,

(a) Assign all of the right, title and interest of first party in and to that certain contract dated October 6, 1955, by and between Clayton B. Jenkins, Robert Van Eckhout and Truman Smith as first parties, and Uranium Ventures as second party, covering The Dot, The Dot No. 2, The Dot No. 3, and the Dot No. 4 Quartz Lode Mining Claims in the Dahlonega (unorganized) Mining District of Lemhi County, Idaho, to the second party.

(b) Transfer and convey all of the personal property and equipment held or owned by first party, or to which it may be entitled, to the second party. First party agrees to execute the necessary transfer of title to the Willys Jeep and the House Trailer, and to record the said transfers with the Registrar of Motor Vehicles at Deer Lodge, Montana, in the name of the second party.

(c) Agree to execute good and sufficient quitclaim deeds to the mining claims and interests in mining claims held by first party and/or Kenneth J. Zimmerman in the State of Washington to the second party.

RECEIVED
MAR - 5 1956

The second party hereby agrees to accept the certain contract of October 6, 1955, and to abide by and conform to all of the terms, conditions, and obligations thereof.

IN WITNESS WHEREOF, the parties hereto have caused this contract to be executed by the proper and authorized parties.

First Party: URANIUM VENTURES

/s/ Kenneth J. Zimmerman
Kenneth J. Zimmerman

/s/ J. E. Edens
J. E. Edens, Individually,
and

/s/ J. E. Edens
J. E. Edens as Attorney-in-Fact for J. Ward Rukgaber, Lyman F. Worth and William C. Woodard

Second Party: URANIUM VENTURES CORPORATION

/s/ J. E. Edens (CORPORATE SEAL)
President

/s/ William C. Woodard
Secretary

STATE OF MONTANA, )
) ss.
COUNTY OF MISSOULA )

On this 6 day of December, 1955, before me, the undersigned, a Notary Public in and for the State of Montana, personally appeared Kenneth J. Zimmerman and J. E. Edens, individually, and J. E. Edens as Attorney-in-Fact for J. Ward Rukgaber, Lyman F. Worth and William C. Woodard, known to me personally to be the members of Uranium Ventures who executed the foregoing instrument, and J. E. Edens and William C. Woodard, known to me personally to be the president and secretary, respectively of the Uranium Ventures Corporation, that executed the foregoing instrument, and all of them acknowledged to me that they executed the same for the reasons and purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Notarial Seal this day and year first above written.

/s/ Earl F. Elstone
Notary Public for Montana.
Residing at Missoula, Montana.
My Commission expires: Nov. 5, 1957

(SEAL)

MF-103 Exhibit 3(d) - Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

SPECIAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That we, J. Ward Rukgaber and Lyman F. Worth, of Darby, Montana, and William C. Woodard of Missoula, Montana, have made, constituted and appointed, and by these presents do make, constitute and appoint J. E. Edens of Darby, Montana, our true and lawful attorney to act for us and in our names, in all matters concerning our several, individual interests in the joint adventure, URANIUM VENTURES, of which we are individual members; to represent us, and generally to do and perform all matters, transact all business, make, execute and acknowledge all contracts, orders, leases, assurances or other instruments which may be requisite or proper to effectuate all or any of the aims and purposes of the joint adventure, URANIUM VENTURES, with the same power, and to all intents and purposes, with the same validity as we could as individual members, if personally present; and hereby ratifying and confirming all that our said attorney shall lawfully do or cause to be done by virtue of these presents.

Witness our hands and seals this 21st day of March, 1955.

/s/ J. Ward Rukgaber

/s/ Lyman F. Worth

/s/ William C. Woodard

STATE OF MONTANA )
: ss.
COUNTY OF MISSOULA )

On this 6 day of December, 1955, before me, the undersigned, a Notary Public in and for the State of Montana, personally appeared J. Ward Rukgaber and Lyman F. Worth, known to me to be some of the persons who executed the foregoing instrument and acknowledged to me that they executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my Notarial Seal this day and year first above written.

/s/ Earl F. Elstone
Notary Public for Montana
Residing at Missoula, Montana
My Commission expires Nov. 5, 1957

(SEAL)

STATE OF MONTANA )
: ss.
COUNTY OF MISSOULA )

On this 21st day of March, 1955, before me, the undersigned, a Notary Public in and for the State of Montana, personally appeared William C. Woodard, known to me to be one of the persons who executed the foregoing instrument and acknowledged to me that he executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my Notarial Seal this day and year first above written.

/s/ H. H. Simon
Notary Public for Montana
Residing at Missoula, Montana
My Commission expires Jan. 27, 1956

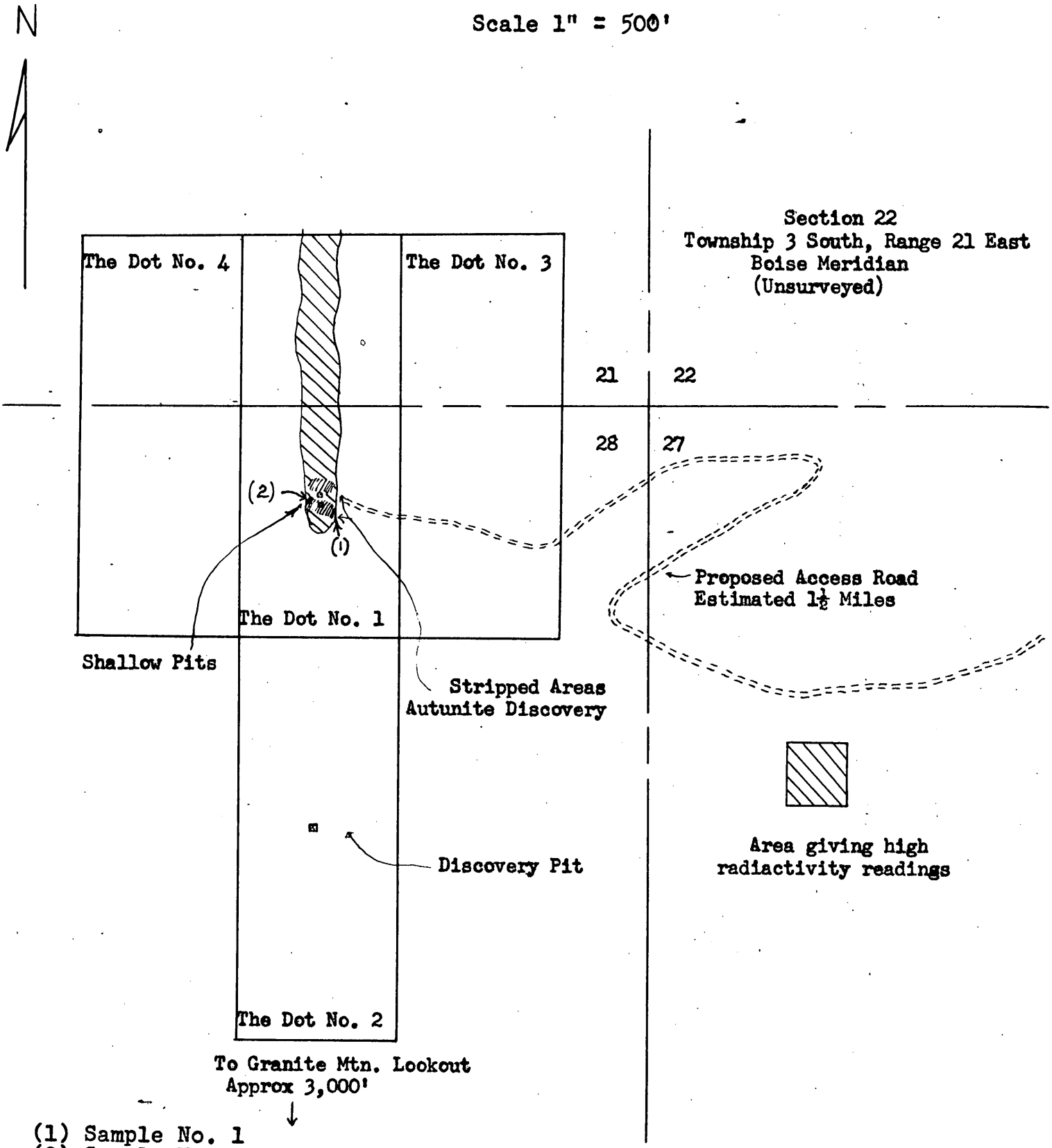
(SEAL)

MF-103 Exhibit 4(c)

# THE DOT GROUP OF CLAIMS
## of the
## URANIUM VENTURES CORPORATION

Dahlonega Mining District - Lemhi County, Idaho
K. J. Zimmerman Feb. 15, 1956

Scale 1" = 500'




(1) Sample No. 1
(2) Sample No. 2

MF-103 Exhibit 4(c)(1)
Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

UNITED STATES
ATOMIC ENERGY COMMISSION
Division of Raw Materials
Salt Lake Exploration Branch

February 16, 1956

Uranium Ventures, Incorporated
1313 West Broadway
Missoula, Montana

Gentlemen:

Chemical assay of the sample of autunite bearing material taken by me during the time of our visit to your property last fall, assaying 0.096 percent equivalent $U_3O8$, has been received and is 0.127 percent $U_3O_8$.

While the chemical assay is approximately 30 percent higher than the equivalent, it does not indicate the great discrepancy which you thought might be present.

Should you care to submit additional samples, we will assay them for you radiometrically.

Very truly yours,

/s/ Leonard D. Jarrard

Leonard D. Jarrard
Chief, Butte Sub-Office

RECEIVED
MAR - 5 1956

MF-103 - Exhibit 4(c)(1)
Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

United States Atomic Energy Commission
Division of Raw Materials
Salt Lake Exploration Branch

Address Reply To:
U. S. Atomic Energy Commission
Butte Sub-Office
P. O. Box 1984
Butte, Montana

And Refer To: L D J

REPORT ON RADIOACTIVE ANALYSIS

Sample submitted by: K. J. Zimmerman
Uranium Ventures
Box 550
Darby, Montana

Date: 11-3-55

(Samples taken by L. D. Jarrard)

Name of property: Dot Claim near
Gibbonsville
Idaho

| Sample number: | | Percent Uranium Oxide (radiometric) | Percent Uranium Oxide (chemical) |
|---|---|---|---|
| | A14310 (4' cut of pit #1) | 0.096 | ------ |
| | A14311 (7' cut to west of A14310) | 0.016 | ------ |

Uranium minerals identified: Autunite flakes visible as crusts and coatings, usually along minor fractures in andesitic host rock.

Remarks: None other than our verbal conversation at time of visit.

Very truly yours,

/s/ Leonard D. Jarrard

Leonard D. Jarrard
Chief, Butte Sub-Office

MF-103 - Exhibit 4(c)(2) -
Uranium Ventures Corporation
1313 West Broadway, Missoula, Montana

WASHINGTON TESTING LABORATORIES, INC.
N. 118 Browne, Spokane 1, Washington

Date: Jan. 5, 1956

Lab. No. 1271

Report to: Uranium Ventures, Inc.
1313 W. Broadway
Missoula, Montana

Report on: Sample submitted

Sample identification: Submitted by: Jesse Edens
Wm. C. Woodard

Tests performed and results:

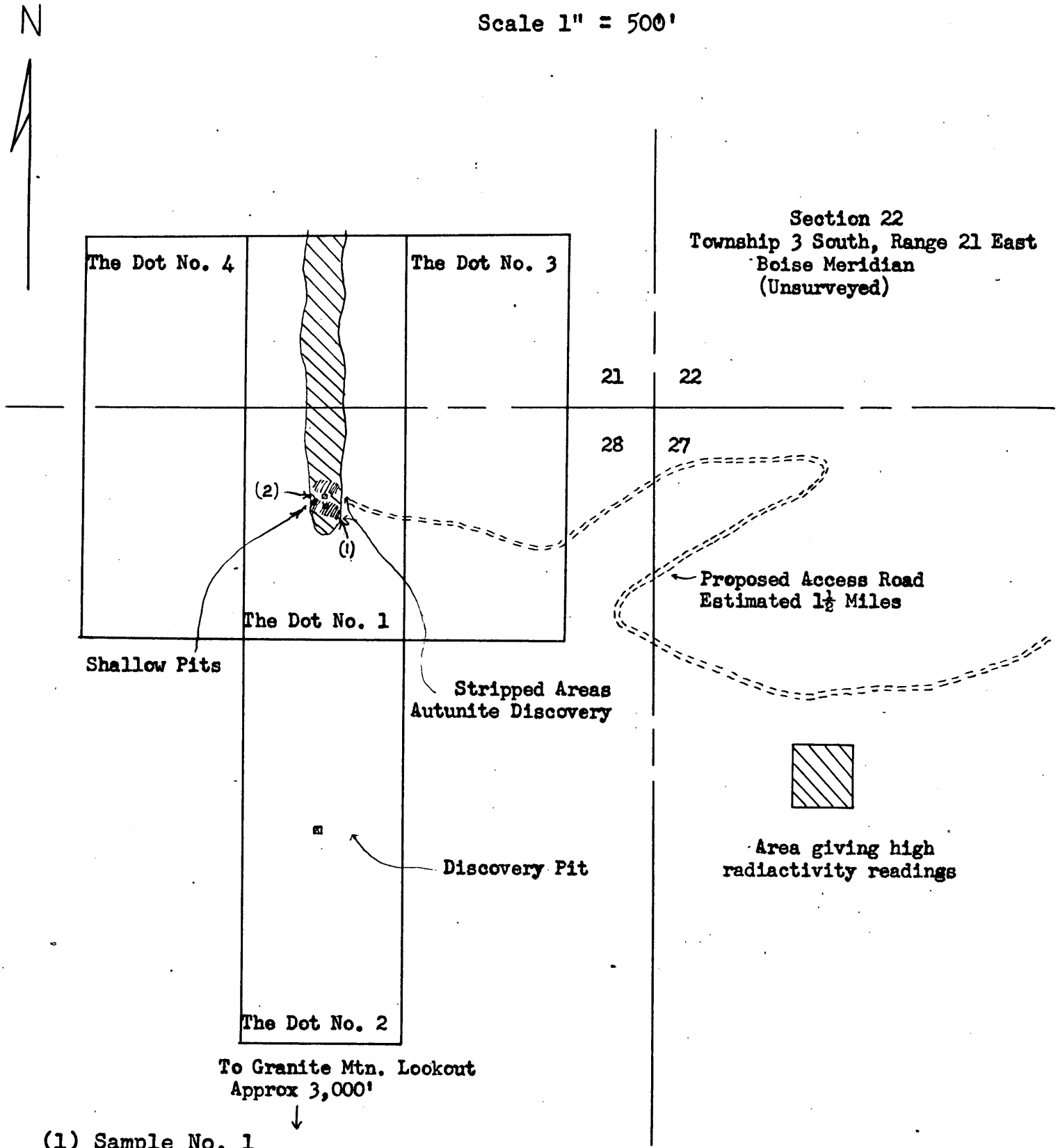
| | | |
|---|---|---|
| eU | = | 0.06% |
| eU $3^{0}8$ | = | 0.07% |
| U $3^{0}8$ | = | 0.17% |

MF-103 Exhibit 4(c)

# THE DOT GROUP OF CLAIMS
## of the
## URANIUM VENTURES CORPORATION

Dahlonega Mining District - Lemhi County, Idaho
K. J. Zimmerman Feb. 15, 1956

Scale 1" = 500'




(1) Sample No. 1
(2) Sample No. 2

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF RAW MATERIALS
Salt Lake Exploration Branch

RECEIVED
JUN 1 5 1956

ADDRESS REPLY TO:
U. S. Atomic Energy Commission
P. O. Box 2196
Salt Lake City, Utah

AND REFER TO: SLEB:DLD:af

April 25, 1956

Mr. A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.
South 157 Howard Street
Spokane 4, Washington

Re: Docket DMEA-4202 (Uranium)

Dear Al:

Reference is made to your letter of April 4, 1956 regarding an application for DMEA assistance by the Uranium Ventures Corporation on the Dot Group, Lemhi County, Idaho.

Since this property is near the Surprise Group and has a similar geologic environment, and since DMEA assistance was granted and considerable work done without discovering minable ore on that property, we doubt that the proposed project is justified as presented.

We suggest that very limited DMEA funds be committed and that the program be divided into stages. Stage 1 should entail limited bulldozing to open road to dozer traffic rather than truck access plus 50 or 60 hours surface stripping by D-8 tractor or comparable machine. This work should not cost over $15.00 per hour.

If this work discloses veins deemed worthy of further exploration, drilling may be justified as stage 2 of the proposal.

We seriously doubt that ore-grade material will be found on this property.

Very truly yours,

Ernest E. Thurlow, Chief
Salt Lake Exploration Branch
Division of Raw Materials

cc: L. D. Jarrard, AEC, Butte

6-22-56

DMEA

Woodard Tire Co.
1313 West Broadway
Missoula, Montana

RECEIVED
MAY 7 - 1956

April 23, 1956

Mr. A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region 1, N.W. Dist.
S 157 Howard
Spokane 1, Wash.

Re: Docket # DMEA
4202 Uranium
Uranium Ventures
Missoula, Mont.

Dear Mr. Weissenborn:

Thank you very much for your letter of April 17. We are looking forward to being contacted by your man in the very near future so that a field examination can be made of our property in Idaho.

For your information, Mr. Ken Zimmerman who is a member of our group, has just returned from a weekend spent at our property. Ken reports that the snow is completely gone in the area where our work is being done. There is some snow, however, in the draw up which the road goes to this property. However, Ken plowed this road with a Caterpillar over the weekend, so barring unforseen weather conditions we can drive to the claims at any time your man comes over. In any event, we can go by car to within less than a mile of this property.

Naturally we are very anxious due to the shortness of the season in this area to get started just as soon as feasibly possible. If your man will contact me, I will make arrangements to have someone go in with him, and we have a jeep with which we can drive to the claims in case the weather should be unfavorable.

Thanking you very much for your very fine co-operation in the past, and hoping to hear from you soon.

Very truly yours,

URANIUM VENTURES

W. C. Woodard
Secretary-treasurer

WCW:nw

Woodard Tire Co.
[illegible] West Broadway
Missoula, Montana

RECEIVED
MAY 7 - 1956

April 23, 1956

Mr. A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region 1, N.W. Dist.
S. 157 Howard
Spokane 1, Wash.

Re: Docket # DMEA
h202 Uranium
Uranium Ventures
Missoula, Mont.

Dear Mr. Weissenborn:

Thank you very much for your letter of April 17. We are looking forward to being contacted by your man in the very near future so that a field examination can be made of our property in Idaho.

For your information, Mr. Ken Zimmerman who is a member of our group, has just returned from a weekend spent at our property. Ken reports that the snow is completely gone in the area where our work is being done. There is some snow, however, in the draw up which the road goes to this property. However, Ken plowed this road with a Caterpillar over the weekend, so barring unforseen weather conditions we can drive to the claims at any time your man comes over. In any event, we can go by car to within less than a mile of this property.

Naturally we are very anxious due to the shortness of the season in this area to get started just as soon as feasibly possible. If your man will contact me, I will make arrangements to have someone go in with him, and we have a jeep with which we can drive to the claims in case the weather should be unfavorable.

Thanking you very much for your very fine co-operation in the past, and hoping to hear from you soon.

Very truly yours,

URANIUM VENTURES

W. C. Woodard
Secretary-treasurer

WCW:nw

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF RAW MATERIALS
Salt Lake Exploration Branch

RECEIVED
JUN 18 1956

ADDRESS REPLY TO:
U. S. Atomic Energy Commission
P. O. Box 2196
Salt Lake City, Utah
AND REFER TO: SLEB:DLD:af

April 25, 1956

Mr. A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.
South 157 Howard Street
Spokane 4, Washington

Re: Docket DMEA-4202 (Uranium)

Dear Al:

Reference is made to your letter of April 4, 1956 regarding an application for DMEA assistance by the Uranium Ventures Corporation on the Dot Group, Lemhi County, Idaho.

DMEA-3460-Idaho-E 716

Since this property is near the Surprise Group and has a similar geologic environment, and since DMEA assistance was granted and considerable work done without discovering minable ore on that property, we doubt that the proposed project is justified as presented.

We suggest that very limited DMEA funds be committed and that the program be divided into stages. Stage 1 should entail limited bulldozing to open road to dozer traffic rather than truck access plus 50 or 60 hours surface stripping by D-8 tractor or comparable machine. This work should not cost over $15.00 per hour.

If this work discloses veins deemed worthy of further exploration, drilling may be justified as stage 2 of the proposal.

We seriously doubt that ore-grade material will be found on this property.

Very truly yours,

Ernest E. Thurlow, Chief
Salt Lake Exploration Branch
Division of Raw Materials

cc: L. D. Jarrard, AEC, Butte

DMEA OPERATING COMMITTEE
6-22-56
(date)