DMEH 3589

Jan. 31, 1957

Geologist Pleads Guilty To Theft Of AEC Map

DENVER, Jan. 31 (UP) — A former Atomic Energy Commission geologist pleaded guilty in Federal Court Wednesday to a charge that he stole an AEC uranium exploration map—possibly worth $10 million—and sold it to private prospectors.

John P. Kellogg, 30, of Grand Junction, Colo., where the AEC has an operations office, changed a plea of innocent to a second indictment of guilty.

AEC officials said uranium on the land covered by the stolen map [illegible] be worth $10 million.

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

RECEIVED
JAN 16 1956

January 12, 1956

224 New Customhouse
Denver 2, Colorado

RECEIVED
JAN 16 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3589 (Uranium), John P. Kellogg and G. T. Rummel, Mossback claims et al., San Juan County, Utah

Returned herewith is the application relating to Docket DMEA 3589 which was forwarded with your letter of January 3, 1956.

Our copy of the application has been returned from the Grand Junction office and Mr. Coble of the FBI is using our copy.

W. M. Traver

W. M. Traver

Enclosure

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

RECEIVED
JAN 1 0 1956

January 12, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3589 (Uranium), John P. Kellogg and G. T. Rummel, Mossback claims et al., San Juan County, Utah

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Our copy of the application has been returned from the Grand Junction office and Mr. Coble of the FBI is using our copy.

W. M. TRAVER,

W. M. Traver

Enclosure

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

January 5, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: J. W. Hasler

From: Executive Officer, DMEA Field Team, Region III

Subject: Application of LaSalle Mining Company and Veltron Corporation (a joint venture), Docket DMEA 3589 (Uranium), Moosback, Arrowhead, Ruby, Point, and Tryano claims, San Juan County, Utah

Our records indicate that we forwarded our copy of the brochure on the subject application to W. P. Williams in the Grand Junction office on January 6, 1955. This brochure was never returned for our files. Will you please make a search of your docket file for this application and return it to this office.

W. M. Traver

HMC:ab

cc: Sec. Op. Comm. (2)
Docket 3589
Chron.

RECEIVED
JAN 9 1956

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

January 5, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: J. W. Hasler

From: Executive Officer, DMEA Field Team, Region III

Subject: Application of LaSalle Mining Company and Voltron Corporation (a joint venture), Docket DMEA 3589 (Uranium), Mossback, Arrowhead, Ruby, Point, and Tryano claims, San Juan County, Utah

Our records indicate that we forwarded our copy of the brochure on the subject application to W. P. Williams in the Grand Junction office on January 6, 1955. This brochure was never returned for our files. Will you please make a search of your docket file for this application and return it to this office.

W. M. Traver

HMC:ab

cc: Sec. Op. Comm. (2)
Docket 3589
Chron.

RECEIVED
JAN 9 1956

Chamberlain
Selfridge
Forman
Mitchell

JAN 5 1956

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
Bureau of Mines
27½ New Customhouse Building
Denver 2, Colorado

Re: Docket DMEA 3589 (Uranium),
John P. Kellogg & C. T. Russell,
Horseback claims et al.,
San Juan County, Utah

Dear Mr. Harshman:

Transmitted herewith is the application relating to DMEA 3589, which was requested by Mr. J. W. Townsend in his memorandum of December 22, 1955.

This copy belongs to Geological Survey, and they have expressed a desire to have it returned as soon as it has served its purpose.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JB)

Enclosure

APPROVED:

/s/ Robert W. Geehan (JB)
Member, Bureau of Mines

Thor H. Kiilsgaard (JB)
Member, Geological Survey

WNChamberlain:mm - 12/29/55
Copy to: Operating Committee
Adm. R. File
Mr. Chamberlain
Mail & Files
Chron.
Mr Ellis
Mr Kiilsgaard
Mr John C. Crawford

12-28-55 mjm

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

AIR MAIL December 22, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Chairman, Operating Committee, DMEA

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3589 (Uranium), John P. Kellogg and G. T. Russell, Monsback claims et al., San Juan County, Utah

Mr. E. J. Coble, Agent Federal Bureau of Investigation, has requested a copy of the subject application. We have made a thorough search of our file and are unable to find our copy of the application. Will you please forward a copy of the application, the original copy if possible, for use by the FBI, and we will return it to you as soon as possible.

E. H. Harshman
Acting Executive Officer, DMEA
Field Team, Region III

By J. W. Townsend
J. W. Townsend

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

RECEIVED
DEC 27 1955

AIR MAIL

December 22, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Chairman, Operating Committee, DMEA

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3589 (Uranium), John P. Kellogg and G. T. Rummel, Mossback claims et al., San Juan County, Utah

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E. N. Harshman
Acting Executive Officer, DMEA
Field Team, Region III

By J. W. Townsend
J. W. Townsend

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

224 New Customhouse
Denver 2, Colorado

May 17, 1955

Memorandum

To: Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Docket DMEA 3589 (Uranium), John P. Kellogg, Voltron Corporation, and T. G. Rummel, LaSalle Mining Company (Mossback, Arrowhead, Ruby, Point and Tryano claims,) San Juan County, Utah

Enclosed are the original and three copies of a memorandum from M. H. Salsbury, U.S. Bureau of Mines, through John F. Shaw, Supervising Mining Engineer, relative to a joint examination with members of the Geological Survey under the subject docket.

The memorandum is submitted as a matter of record only, as the Secretary of the Operating Committee was forwarded an undated letter on April 28, 1955 signed by John P. Kellogg withdrawing this application.

W. M. Traver

W. M. Traver

E. N. Harshman

E. N. Harshman

Encls.

Reviewed by
DMEA OPERATING COMMITTEE
5-27-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DMEA
Date Rec'd.
APR 27 1955
BUREAU OF MINES
Denver, Colorado

Region III

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
April 26, 1955

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 23 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: John F. Shaw, Supervising Mining Engineer

Subject: DMEA 3589 (Uranium) John P. Kellogg, Voltron Corporation, and T. G. Rummel, La Salle Mining Company, Mossback, Arrowhead, Ruby, Point and Tryano claims, San Juan County, Utah - Preliminary Report on Examination.

Enclosed are the original and ten copies of a memorandum report by M. H. Salsbury, covering his visit to the subject property. The applicant applied for exploration assistance at a total estimated cost of $140,000.50. The proposed work was planned in two stages.

The examiners determined that there were three known Shinarump channels in which substantial ore bodies have been found in nearby properties. More definite information will be available from the exploration of the adjoining Cove claims and it is believed advisable to defer action on this application until this information is available. The applicant's representative indicated that he would withdraw the application and resubmit it on the basis of more complete information.

It is recommended that the applicant be notified that docket DMEA 3589 will be held in abeyance pending the results of the work on the adjoining claims.

John F. Shaw

John F. Shaw

Enclosures

cc 10
WPWilliams
DMEA 3589
Chron

JFS/cm

Reviewed by
DMEA OPERATING COMMITTEE
5-27-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 23 1955

Region III

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
April 22, 1955

Reviewed by
DMEA OPERATING COMMITTEE
_____
(date)

Memorandum

To: John F. Shaw, Supervising Mining Engineer

From: M. H. Salsbury

Subject: DMEA 3589 (Uranium) John P. Kellogg, Voltron Corporation, and T. G. Rummel, La Salle Mining Company, Mossback, Arrowhead, Ruby, Point and Tryano claims, San Juan County, Utah - Preliminary Report on Examination.

The subject property was visited on April 14, 1955, accompanied by W. P. Williams, J. William Hasler, and T. E. Mullens of the Geological Survey, accompanied by J. P. Kellogg, representing the applicants. Walter McDonald, project chief for the Atomic Energy Commission in White Canyon, furnished pertinent information on Atomic Energy Commission drilling in the area. A. F. Trites, Jr., field geologist for the Geological Survey in the White Canyon area, was also consulted.

Application is made for Government assistance under the Defense Minerals Exploration Administration for exploration for uranium by plug-bit and core drilling of several areas controlled by them. The estimated cost is $140,000.50, in which Government participation at 75 percent would be $105,000.38. The work has been planned in two stages with 14,175 feet of plug-bit or core drilling in 27 holes in Stage I and 16 or 20 holes totaling 15,600 to 16,500 feet in 1 of 2 alternate plans in Stage II. The applicants did not present a definite drilling plan for Stage I.

The property is located at an altitude of about 6,000 feet overlooking Red Canyon and is 10 miles by poor access road from the Fry Canyon camp of the Atomic Energy Commission, and 61 miles further over Utah State Highway 95, a graveled road, from Blanding, Utah. The claims lie in T. 36 S., R. 15 E., T. 36 S., R. 16 E., and T. 37 S., R. 16 E., San Juan County, Utah. The exact location may be subject to revision when the area is subdivided.

A total of 104 claims comprising the Mossback, Arrowhead, Ruby, and Point groups have been purchased by John P. Kellogg from the locators, H. A. Lewis, E. L. Colcord, and W. L. Casto. These were located at various times in May and June 1954. Thirty-three Tryano claims owned by the La Salle Mining Company were located

during the same period. All locations were made prior to the withdrawal of the area by the Atomic Energy Commission on July 19, 1954. There are a number of conflicts between the applicants' claims and claims controlled by the Williston Basin Oil Exploration Company et al, and the Uranium King Corporation, both of which also have made DMEA applications. The conflicts with the Williston Basin Oil Exploration Company claims involve a substantial acreage. In some cases the applicants hold the prior locations and in others, Williston Basin Oil Exploration Company has the senior claims. The conflict between Cove No. 29 belonging to the Uranium King Corporation and the applicants' Mossback No. 9 is small. According to the records in the Courthouse at Monticello, Utah, the Cove No. 29, located April 25, 1954, is prior to the Mossback No. 9, located May 7, 1954. In nearly every case, location dates for claims have been back dated thirty days from the recording dates, the maximum period between location and filing allowed under Utah law. This appears to be common practice. Kellogg stated that all conflicts which would affect DMEA exploration had been resolved, but this was not verified by the other claimants to the ground.

There are three known Shinarump channels in which substantial ore bodies have been found by drilling and underground development in nearby properties. One or more of these channels probably cross the applicants' claims, but on the basis of present knowledge, the exact point is unknown. The applicants have planned exploration to blanket certain areas so that, regardless of where the channels are, evidence of them would be found.

Exploratory drilling on the claims would be costly. Holes in Stage I average 525 feet deep. Most holes in Stage II would have to be drilled through the Wingate formation an average of 1,000 feet each, and the cost of bulldozing an access road to the top of the Wingate would also be high.

It is concluded that there is a good possibility that mineable ore deposits occur somewhere in or near the ground held by the applicant but that, as a matter of economy, it would be better to delay the proposed exploration until more definite information on channel trends is available, perhaps from exploration of the adjoining Cove claims which is scheduled to start May 1, 1955. It would then probably be possible to localize the drilling, in the favorable areas. In any case, the extensive claim conflicts would have to be settled before a DMEA application could be approved.

Kellogg indicated that he would withdraw the application at this time and resubmit it later on the basis of more complete information.

Withdrawal rec'd 4/28/55

M. H. Salsbury
M. H. Salsbury
Mining Engineer

cc WMTraver (10 w/orig)
WPWilliams
DMEA 3589

MHS/cm

5/24/55 gla

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

224 New Customhouse
Denver 2, Colorado

May 17, 1955

Memorandum

To: Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Docket DMEA 3589 (Uranium), John P Kellogg, Voltron Corporation, and T. G. Rummel, LaSalle Mining Company (Moosback, Arrowhead, Ruby, Point and Tryano claims,) San Juan County, Utah

Enclosed are the original and three copies of a memorandum from M. E. Salsbury, U.S. Bureau of Mines, through John F. Shaw, Supervising Mining Engineer, relative to a joint examination with members of the Geological Survey under the subject docket.

The memorandum is submitted as a matter of record only, as the Secretary of the Operating Committee was forwarded an undated letter on April 28, 1955 signed by John P. Kellogg withdrawing this application.

W. M. Traver
W. M. Traver

E. N. Harshman
E. N. Harshman

Encls.

DMEA
Date Rec'd

APR 27 1955

BUREAU OF MINES
Denver, Colorado

Region III

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
April 26, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: John F. Shaw, Supervising Mining Engineer

Subject: DMEA 3589 (Brandum) John P. Ballogg, Valtron Corporation, and T. S. Hansel, La Salle Mining Company, Meadowbrook, Arrowhead, Daisy, Point and Tryone claims, San Juan County, Utah - Preliminary Report on Examination.

Enclosed are the original and ten copies of a memorandum report by M. H. Salisbury, covering his visit to the subject property. The applicant applied for exploration assistance at a total estimated cost of $140,000.00. The proposed work was planned in two stages.

The examiner determined that there were three known mineralized channels in which substantial ore bodies have been found in nearby properties. More definite information will be available from the exploration of the adjoining Cove claims and it is believed advisable to defer action on this application until this information is available. The applicant's representative indicated that he would withdraw the application and resubmit it on the basis of more complete information.

It is recommended that the applicant be notified that docket DMEA 3589 will be held in abeyance pending the results of the work on the adjoining claims.

John F. Shaw

John F. Shaw

Enclosures

cc 10
MPWilliams
DMEA 3589
Chrono

JFS/ca

Region III

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
April 22, 1955

Memorandum

To: John F. Shaw, Supervising Mining Engineer

From: M. M. Salsbury

Subject: DMEA 3589 (Uranium) John F. Kellogg, Voltron Corporation, and T. G. Hummel, La Salle Mining Company, Moccasin, Arrowhead, Ruby, Point and Tryane claims, San Juan County, Utah - Preliminary Report on Examination.

The subject property was visited on April 14, 1955, accompanied by M. F. Williams, J. William Hasler, and T. E. Mallons of the Geological Survey, accompanied by J. F. Kellogg, representing the applicants. Walter McDonald, project chief for the Atomic Energy Commission in White Canyon, furnished pertinent information on Atomic Energy Commission drilling in the area. A. F. Trites, Jr., field geologist for the Geological Survey in the White Canyon area, was also consulted.

Application is made for Government assistance under the Defense Minerals Exploration Administration for exploration for uranium by plug-bit and core drilling of several areas controlled by them. The estimated cost is $140,000.50, in which Government participation at 75 percent would be $105,000.38. The work has been planned in two stages with 14,175 feet of plug-bit or core drilling in 27 holes in Stage I and 14 or 20 holes totaling 15,000 to 16,500 feet in 1 of 2 alternate plans in Stage II. The applicants did not present a definite drilling plan for Stage I.

The property is located at an altitude of about 6,000 feet overlooking Red Canyon and is 19 miles by poor access road from the Fry Canyon camp of the Atomic Energy Commission, and 41 miles further over Utah State Highway 95, a graveled road, from Blanding, Utah. The claims lie in T. 36 S., R. 15 E., T. 36 S., R. 16 E., and T. 37 S., R. 16 E., San Juan County, Utah. The exact location may be subject to revision when the area is subdivided.

A total of 104 claims comprising the Moccasin, Arrowhead, Ruby, and Point groups have been purchased by John F. Kellogg from the locators, H. A. Lewis, R. L. Calcord, and W. L. Gagte. These were located at various times in May and June 1954. Thirty-three Tryane claims owned by the La Salle Mining Company were located

during the same period. All locations were made prior to the withdrawal of the area by the Atomic Energy Commission on July 19, 1954. There are a number of conflicts between the applicants' claims and claims controlled by the Williston Basin Oil Exploration Company et al, and the Brendan King Corporation, both of which also have made DMEA applications. The conflicts with the Williston Basin Oil Exploration Company claims involve a substantial acreage. In some cases the applicants hold the prior locations and in others, Williston Basin Oil Exploration Company has the senior claims. The conflict between Cove No. 29 belonging to the Brendan King Corporation and the applicants' Meadowlark No. 9 is small. According to the records in the Courthouse at Martinsdale, Utah, the Cove No. 29, located April 25, 1954, is prior to the Meadowlark No. 9, located May 7, 1954. In nearly every case, location dates for claims have been back dated thirty days from the recording dates, the maximum period between location and filing allowed under Utah law. This appears to be common practice. Billings stated that all conflicts which would affect DMEA exploration had been resolved, but this was not verified by the other claimants to the ground.

There are three known Skinaway channels in which substantial ore bodies have been found by drilling and underground development in nearby properties. One or more of these channels probably cross the applicants' claims, but on the basis of present knowledge, the exact point is unknown. The applicants have planned exploration to blanket certain areas so that, regardless of where the channels are, evidence of them would be found.

Exploratory drilling on the claims would be costly. Holes in Stage I average 500 feet deep. Most holes in Stage II would have to be drilled through the Wingate formation an average of 1,800 feet each, and the cost of building an access road to the top of the Wingate would also be high.

It is contended that there is a good possibility that minable ore deposits occur somewhere in or near the ground held by the applicant but that, as a matter of economy, it would be better to delay the proposed exploration until more definite information on channel trends is available, perhaps from exploration of the adjoining Cove claims which is scheduled to start May 1, 1951. It would then probably be possible to location the drilling, in the favorable areas. In any event, the extensive claim conflicts would have to be settled before a DMEA application could be approved.

Kellogg indicated that he would withdraw the application at this time and resubmit it later on the basis of more complete information.

M. E. Salsbury
M. E. Salsbury
Mining Engineer

cc: WHDrever (3.0 w/orig)
WPWilliams
RMRA JGP

MES/mm

700

Surname copy

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

F. L. Knouse
Ellis

MAY 1 0 1955

Mr. John P. Kellogg, Manager
Voltron Corporation
[illegible] Main Road
Grand Junction, Colorado
and
Mr. G. T. Funnell
LaSalle Mining Company
First National Bank Building
Grand Junction, Colorado

Re: Docket No. [illegible]A-3589 (Uranium)
Mossback claims, et al.
San Juan County, Utah

Gentlemen:

Reference is made to Mr. Kellogg's undated letter addressed to Mr. W. M. Traver, Executive Officer of our Denver Office, which requested that the subject application for exploration aid be withdrawn from active processing. As requested, the subject docket is considered closed as of the date of this letter.

Sincerely yours,

C. O. Mittendorf

Administrator

Copy to: Mr. G. T. Funnell

FLKnouse/gla
5-9-55
cc to: Admr.'s Reading File
Docket
Messrs. J.E.Crawford, Rm. 3641
T.H.Killsgaard, Rm. 5224
J.O.Hosted, Rm. 3210, OSA
Code 700
Mr. Knouse
DMEA Field Team, Region III (2)

5/3/55 gla

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

224 New Customhouse
Denver 2, Colorado

April 28, 1955

Mr. John P. Kellogg, Manager
Voltron Corporation
104 West Rood
Grand Junction Colorado

Re: Docket DMEA-3589 (Uranium)
John P. Kellogg, Voltron
Corp., and T. G. Rummel,
LaSalle Mining Co., (Mossback,
Arrowhead, Ruby, Point and
Tryano claims), San Juan
County, Utah

Dear Mr. Kellogg:

This will acknowledge receipt of your recent letter in which you requested that the subject application be withdrawn from the active file.

More definite information should become available on channel trends, perhaps from the exploration of the adjoining Cove claims, which will make it possible to localize exploration drilling in favorable areas.

When you have more definite geological information and settle your extensive claim conflicts, a new application will receive proper consideration.

Very truly yours,

W. M. TRAVER,

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

HMC:sr

cc G. T. Rummel
Sec. Op. Comm. (2)
Harshman
Williams
Shaw
Connors
Subject
Chron

John P. Kellogg, *Manager*
Robert L. Redmond, *Chief Geologist*
Offices in Moab & Los Angeles

VOLTRON CORPORATION

104 West Rood
GRAND JUNCTION, COLORADO
Phone 3727

Mining
Exploration
Geology
Engineering

DMEA
Date Rec'd.

APR 28 1955

BUREAU OF MINES
Denver, Colorado

A. M. Traver, Executive Officer, DMEA
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Dear Mr. Traver:

On April 14 I met with Messrs Williams, Hassler and Mullins, of the Grand Junction U.S. Geological Survey Office, and Mr. Salsbury of the Denver Branch Bureau of Mines, in White Canyon for the purpose of a ground examination re/Docket No. DMEA 3589 (Uranium).

The general opinion of the DMEA examining engineers appeared to be that the application was premature-i.e., that, while the claims were favorably located, positive evidence was lacking. Projections of ore-bearing channels cover parts of the claims, but these projections are carried from too great a distance to satisfy DMEA specifications. Consequently, it is felt that the applications should be held in abeyance until such time that favorable geologic evidence be closer to our claim boundaries.

For this reason, I should like to withdraw the application from active processing, and have it held by you until we can furnish you sufficient data to justify re-consideration of a loan.

Yours very truly,

John P. Kellogg

John P. Kellogg

JPK/nw

cc: G.T. RUSSELL
La Salle Mining Company
First National Bank Bldg.
Grand Junction, Colorado.

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

224 New Customhouse
Denver 2, Colorado

April 28, 1955

Mr. John P. Kellogg, Manager
Voltron Corporation
104 West Rood
Grand Junction Colorado

Re: Docket DMEA-3589 (Uranium)
John P. Kellogg, Voltron
Corp., and T. G. Rummel,
LeSalle Mining Co., (Moosback,
Arrowhead, Ruby, Point and
Tryano claims), San Juan
County, Utah

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Very truly yours,

W. M. TRAVER,

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

HMC:sr

cc G. T. Rummel
Sec. Op. Comm. (2)
Harshman
Williams
Shaw
Connors
Subject
Chron

John P. Kellogg, *Manager*
Robert L. Redmond, *Chief Geologist*
Offices in Moab & Los Angeles

VOLTRON CORPORATION

104 West Rood
GRAND JUNCTION, COLORADO
Phone 3727

Mining
Exploration
Geology
Engineering

Bank

DMEA
Date Rec'd.

APR 28 1955

BUREAU OF MINES
Denver, Colorado

W. M. Traver, Executive Officer, DMEA
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

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Yours very truly,

John P. Kellogg

John P. Kellogg

JPK/nw

c.c. J.T. RUMMEL
La Salle Mining Company
First National Bank Bldg.
Grand Junction, Colorado.

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

APR 26 1955

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-3768 (Uranium)
Williston Basin Oil Exploration Company
Cove claims, et al.
San Juan County, Utah

Docket No. DMEA-3695 (Uranium)
Uranium King Corporation
Cove claims Nos. 17,18,23, and 24
San Juan County, Utah

Docket No. DMEA-3589 (Uranium)
John P. Kellogg and G. T. Russel
Moosback claims, et al.
San Juan County, Utah

Dear Mr. Traver:

This is with reference to the subject applications for Government aid to explore the above groups of mining claims. Since these claim groups are in the same area and many of the claims as are shown on the maps submitted by the Applicants appear to be in conflict, a field examination should be made of the three proposed projects by the same engineers on one trip when the Applicants' representatives are present. A copy of the Williston Basin Oil Exploration Company application was retained by your office.

Enclosed are copies of memoranda from L. L. Newcomb, dated April 18, and John E. Crawford, dated April 20, 1955, members of the Uranium Commodity Committee, concerning the Williston Basin Oil Exploration Company project.

All of the claims listed in the applications of Docket DMEA-3589, Kellogg and Russel, and Docket DMEA-3768, Williston Basin Oil Exploration Company, need not be included in contracts for the work proposed by the Applicants. Also, since only parts of the claim groups proposed for exploration appear to be in conflict, i.e., the Moosback, Arrowhead, Ruby, and Tyrano claim groups of Kellogg and Russel, with the Cove, McFall, Mercury, Austin, and Cadillac claim groups of the Williston Basin Oil Exploration Company, such claims as are not in conflict, or the ones in which the conflict can be readily resolved, may justify exploration projects. Therefore, before requesting the Applicants to have an expensive survey made of all the claims listed in the applications and before resolving the question of title

R.C.B.

or control to the claims in conflict, a field examination should be made to determine what part, if any, of the properties have merit as exploration projects.

The examining engineers should be instructed to examine each of the subject proposed projects and for each project recommended the Applicant should be requested to furnish an accurate claim map surveyed by a licensed surveyor of the area recommended for exploration, which should include any claims controlled by the Applicant which may benefit from the recommended exploration program. The recording dates of each claim concerned should be furnished, together with any other reasonable legal information required to resolve the question of the Applicant's control of the particular property. Each Applicant of a recommended project should be advised that until the information requested is received by your office no further processing of the application can be done, and the Field Team reports should await the information.

If a project is to be recommended where Owners' Consents to Lien are required, time will be saved by requesting that these documents be furnished as soon as possible.

Sincerely yours,

George C. Selfridge
by ESF

Chairman, Operating Committee

Enclosures

APPROVED:

J. H. Hedges
by ESF

Member, Bureau of Mines

Thor H. Kiilsgaard
by ESF

Member, Geological Survey

FLKnouse:am
4-22-55
cc to: Admr. Reading File
Operating Committee
Docket No. DMEA-3768
DMEA-3625
DMEA-3589
Messrs. J. E. Crawford, Rm. 3641
T. H. Kiilsgaard, Rm. 5224
J. O. Hosted, Rm. 3210, GSA
Code 700
Mr. Knouse

4/21/55 gh

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 21 1955

April 20, 1955

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: Bureau of Mines Member
Uranium Commodity Committee

Subject: DMEA Docket 3589, LaSalle Mining Company and Voltron Corporation; DMEA Docket 3625, Uranium King Corporation; and, DMEA Docket 3768, Williston Basin Oil Exploration Company.

I have reviewed the Field Team report on DMEA Docket 3589, LaSalle Mining Company and Voltron Corporation; and I have reviewed the application of the Williston Basin Oil Exploration Company, DMEA Docket 3768. Mr. Hosted, Washington representative of the Atomic Energy Commission, has studied the report and the application, and we have discussed them together.

Inasmuch as the area involved in the applications of the companies mentioned above appears to merit a field examination, we suggest that the Field Team proceed with such an examination. Because the claims of the subject companies are in conflict, the Field Team should attempt to determine which parts of the claims involved could be explored without legal entanglement, and outline an exploration program for those areas.

Mr. Hosted has emphasized that the AEC has put down holes around the Voltron Corporation claims, and suggests the Field Team discuss the AEC's exploration work in the area with Mr. Ernest Gordon, Atomic Energy Commission, Grand Junction, Colorado.

The Field Team report on Dockets 3589 and 3625 is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto. The application of the Williston Basin Oil Exploration Company, DMEA Docket 3768, is attached.

John E. Crawford
John E. Crawford

Attachment

4/8/55 gla

IN REPLY REFER TO:

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

Department of the Interior
Defense Minerals Administration
RECEIVED
APR 8 1955

April 6, 1955

Re: DMEA-3589
La Salle Mining Co.
and Voltron Corp.
(Mossback, Arrowhead,
Ruby, Point and
Tyrano Claims)
San Juan Co., Utah
$140,001 - Uranium

Memorandum

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

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

Subject: Review of Field Team memorandum of March 28, 1955

The Field Team has recommended DMEA exploration assistance be deferred for six months to a year. The possible existence of channels should be determined by private industry during this period of time.

The major objection to the further processing of DMEA-3589 and 3625 involves legal difficulties over claim ownership.

The conclusions drawn by the Field Team are justified and I recommend DMEA-3589 be denied without prejudice. At such time as clear titles are obtained by the operator further consideration of the proposed exploration should be undertaken.

E. L. Newcomb

E. L. Newcomb

IN REPLY REFER TO:

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 8 1955

April 6, 1955

Re: DMEA-3589
La Salle Mining Co.
and Voltron Corp.
(Moosback, Arrowhead,
Ruby, Point and
Tyrano Claims)
San Juan Co., Utah
$140,001 - Uranium

Memorandum

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

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

Subject: Review of Field Team memorandum of March 28, 1955

The Field Team has recommended DMEA exploration assistance be deferred for six months to a year. The possible existence of channels should be determined by private industry during this period of time.

The major objection to the further processing of DMEA-3589 and 3625 involves legal difficulties over claim ownership.

The conclusions drawn by the Field Team are justified and I recommend DMEA-3589 be denied without prejudice. At such time as clear titles are obtained by the operator further consideration of the proposed exploration should be undertaken.

E. L. Newcomb

ELNewcomb:hlm
G-4/6/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
J. E. Crawford, 3641 Interior

IN REPLY REFER TO:

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

U.S. DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR - 8 1955

April 6, 1955

Re: DMEA-3589
La Salle Mining Co.
and Veltron Corp.
(Mossbeck, Arrowhead,
Ruby, Point and
Tyrano Claims)
San Juan Co., Utah
$140,000 - Uranium

Memorandum

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

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

Subject: Review of Field Team memorandum of March 28, 1955

The Field Team has recommended DMEA exploration assistance be deferred for six months to a year. The possible existence of channels should be determined by private industry during this period of time.

The major objective to the further processing of DMEA-3589 and 3625 involves legal difficulties over claim ownership.

The conclusions drawn by the Field Team are justified and I recommend DMEA-3589 be denied without prejudice. At such time as clear titles are obtained by the operator further consideration of the proposed exploration should be undertaken.

E. L. Newcomb

ELNewcomb:hlm
G-4/6/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
J. E. Crawford, 3641 Interior

IN REPLY REFER TO:

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

April 6, 1955

Re: DMEA-3589
La Salle Mining Co.
and Valtron Corp.
(Moosebeck, Arrowhead,
Ruby, Point and
Tyrone Claims)
San Juan Co., Utah
$140,001 - Uranium

Memorandum

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

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

Subject: Review of Field Team memorandum of March 28, 1955

The Field Team has recommended DMEA exploration assistance be deferred for six months to a year. The possible existence of channels should be determined by private industry during this period of time.

The major objection to the further processing of DMEA-3589 and 3625 involves legal difficulties over claim ownership.

The conclusions drawn by the Field Team are justified and I recommend DMEA-3589 be denied without prejudice. At such time as clear titles are obtained by the operator further consideration of the proposed exploration should be undertaken.

E. L. Newcomb

ELNewcomb:hln
G-4/6/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
J. E. Crawford, 3641 Interior

4/4/55 gla

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

Uranium Minerals Section
RECEIVED
MAR 31 1955

224 New Customhouse
Denver 2, Colorado

March 30, 1955

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-3625 (Uranium), Uranium King Corp., Cove group of claims, San Juan County, Utah
and
Docket DMEA-3589 (Uranium), John P. Kellogg, Voltron Corp., and T. G. Rummel, LaSalle Mining Co., Fry Canyon and White Canyon Area, San Juan County, Utah

On March 25, 1955 we should have transmitted by the attached memorandum to the field (Shaw and Williams) copies of only one map concerned with Docket DMEA-3625, but inadvertently we sent the referenced map to them with the application forwarded on the same date; and with the memorandum which should have transmitted the map for Docket DMEA-3625 we attached copies of two maps with an accompanying letter from the applicant under Docket DMEA-3589.

To your copy of the transmittal memorandum to Shaw and Williams we attached three copies of the two maps and their transmittal letter from one of the applicants under Docket DMEA-3589, Voltron Corporation, signed by John P. Kellogg.

Please correct your files accordingly by filing the above designated maps with this memorandum in your files covering Docket DMEA-3589. Copies of the one map concerned with Docket DMEA-3625 were forwarded to you on March 3, 1955.

Consideration of Docket DMEA-3589 at the present time has been eliminated by the Geological Survey's memorandum forwarded to you on March 28, 1955. However, Docket DMEA-3625 has been referred to the field for examination and your attention is called to the fact that the maps from both applicants indicate an apparent conflict between the Bullseye and Cove groups of claims. The Cove claims are included under the application DMEA-3625 and the conflict will, no doubt, require clarification if it affects the proposed exploration.

W. M. Traver

Attachment

W. M Traver

C
O
P
Y

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

224 New Customhouse
Denver 2, Colorado

March 25, 1955

Memorandum

To: J. F. Shaw
W. P. Williams

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-3625 (Uranium), Uranium King Corp., Cove group of claims, San Juan County, Utah
and
Docket DMEA-3589 (Uranium), John P. Kellogg, Voltron Corp., and G. T. Rummel, LaSalle Mining Co., Fry Canyon and White Canyon area, S n Juan County, Utah

On March 3, 1955 we furnished you with a carbon copy of our memorandum transmitting copies of a map concerned with Docket DMEA 3625 to the Chairman of the Operating Committee. A copy of the map was not included.

Attached hereto is one copy for your files of the reference map.

W. M Traver

Enclosures
WMT:sr
cc Chairman Op. Comm. (2)
Harshman
Subject (3589)
Subject (3625)
Chron

4/5/55 gla

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

MAR 31 1955

224 New Customhouse
Denver 2, Colorado

March 28, 1955

Memorandum

To: Chairman of the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: DMEA-3589 (Uranium), LaSalle Mining Company and Voltron Corporation (Mossback, Arrowhead, Ruby, Point and Tryano claims, San Juan County, Utah
and
DMEA-3625 (Uranium), Uranium King Corp., Cove group of claims, San Juan County, Utah

Enclosed are the original and three copies of a memorandum on Docket DMEA-3589 from T. E. Mullens, USGS, dated January 21, 1955 and transmittal thereof from E. N. Harshman under date of January 24, 1955.

This memorandum was prepared in response to the Region III Field Team's memorandum of January 6, 1955 transmitting the application to the field and instructing W. P. Williams to obtain information from the AEC, as requested in Acting Chairman W. S. Martin's teletype of December 30, 1954 replied to by our teletype of December 31, 1954.

After discussion with AEC personnel Mullens suggests in his memorandum that Government assisted exploration be deferred until the results of present private industry's attempts to delineate channels on adjacent claims are completed, a matter of six months to one year. He also states that, according to Phillip Dodd of the AEC, there are likely to be legal difficulties in the event a loan is made under Docket DMEA 3589, due to probable claim conflicts.

The Region III Field Team is considering both the subject dockets at the same time in accordance with your instructions, therefore, inasmuch as Mullens' memorandum with which we concur practically eliminates consideration of Docket DMEA 3589, we will await instructions from the Operating Committee concerning procedure now with respect to Docket DMEA 3625.

Reviewed by
DMEA OPERATING COMMITTEE
4-4-55
(date)

W. M. Traver
W. M. Traver

E. N. Harshman
E. N. Harshman

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver 2, Colorado

Date Rec'd. 1
JAN 24 1955
BUREAU OF MINES
Denver, Colorado

January 24, 1955

DEPARTMENT OF
Defense Minerals
RECEIVED
MAR 31 1955

Memorandum

To: Field Team, Region III

From: E. N. Harshman

Subject: DMEA Docket 3589 (uranium), LaSalle Mining Company and Voltron Corporation, Mossback, Arrowhead, Ruby, Point and Tryano claims, San Juan County, Utah

Enclosed are 10 copies of a brief memorandum from T. E. Mullens, U. S. Geological Survey, on the above subject application.

The memorandum was requested in the Field Team's memorandum of January 6, 1955, after receipt of a teletype of December 30, 1954, from the Acting Chairman of the Operating Committee asking the results of AEC work in the area.

The memorandum is self explanatory and the conclusions appear justified, particularly in view of probable claim conflicts.

E. N. Harshman

E. N. Harshman
Member, Field Team

Reviewed by
DMEA OPERATING COMMITTEE
4-4-55
(date)

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

January 21, 1955

Memorandum

To: E. N. Harshman

From: T. E. Mullens for W. P. Williams

Subject: Preliminary thoughts on DMEA 3589, LaSalle Mining Company and Voltron Corporation, Mossback, Arrowhead, Ruby, Point, and Tryano claims, San Juan County, Utah

I talked to Mr. Phillip Dodd and Mr. Louis Garbrecht of the Atomic Energy Commission about the claims on January 18, 1955.

These are pertinent facts about the claims:

1. These claims have about enough uranium potential to justify Government assistance in exploration, although exploration will be a high risk and costly, as channel trends in the claims are not known.
2. Private industry is active now in delineating channels that will trend into the claims.
3. Exploration of the claims would be on a sounder geologic basis and much cheaper when private industry delineates channels on adjacent claims.

We concluded that Government assistance to explore the claims should not be granted until the channels in adjacent claims have been delineated. Then, we believe, exploration will be on a sound basis, and less money will be spent in exploring the claims. Dodd

Reviewed by
DMEA OPERATING COMMITTEE
4-4-55
(date)

thinks private industry will delineate channels on adjacent claims in a matter of six months to one year.

Dodd also pointed out that several companies had staked the ground on which LaSalle and Voltron are applying for Government aid to explore. This will probably lead to legal difficulties in granting a Government loan.

T. E. Mullens
T. E. Mullens,
Geologist

TEM/mlr

cc P. Dodd

3/31/55-gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 31 1955

224 New Customhouse
Denver 2, Colorado

March 25, 1955

Memorandum

To: J. F. Shaw
W. P. Williams

From: DMEA Field Team, Region III

Subject: Docket DMEA-3625 (Uranium), Uranium King Corp., Cove group of claims, San Juan County, Utah
and
Docket DMEA-3589 (Uranium), John P. Kellogg, Voltron Corp., and G. T. Rummel, LaSalle Mining Co., Fry Canyon and White Canyon areas, San Juan County, Utah

On March 3, 1955 we furnished you with a carbon copy of our memorandum transmitting copies of a map concerned with Docket DMEA 3625 to the Chairman of the Operating Committee. A copy of the map was not included.

Attached hereto is one copy for your files of the reference map.

W. M. Traver

W. M. Traver

Enclosure

WMT:sr

cc Chairman Op. Comm. (2)
Harshman
Subject
Chron

Copies map put in docket packet

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

RECEIVED
MAR 31 1955

224 New Customhouse
Denver 2, Colorado

March 25, 1955

Memorandum

To: J. F. Shaw
W. P. Williams

From: DMEA Field Team, Region III

Subject: Docket DMEA-3625 (Uranium), Uranium King Corp., Cove group of claims, San Juan County, Utah
and
Docket DMEA-3589 (Uranium), John P. Kellogg, Voltron Corp., and G. T. Rummel, LaSalle Mining Co., Fry Canyon and White Canyon area, San Juan County, Utah

On March 3, 1955 we furnished you with a carbon copy of our memorandum transmitting copies of a map concerned with Docket DMEA 3625 to the Chairman of the Operating Committee. A copy of the map was not included.

Attached hereto is one copy for your files of the reference map.

W. M. Traver

W. M. Traver

Enclosure

WMT:sr

cc Chairman Op. Comm. (2)
Harshman
Subject
Chron

John P. Kellogg, *Manager*
Robert L. Redmond, *Chief Geologist*
Offices in Moab & Los Angeles

WILLIAMS

VOLTRON CORPORATION

104 West Road Ave.
GRAND JUNCTION, COLORADO
Phone 3727

Mining
Exploration
Geology
Engineering

DMEA
Date Rec'd
MAR 2' 1955
BUREAU
Denver, C

March 21, 1955

Mr. W. M. Traver, Executive Office, DMEA
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Docket #3589

Dear Mr. Traver:

Attached are a copy of your letter of January 17, and prints showing our conflicts with the Cove and Bullseye claim groups. The locations of these two groups of claims were transposed as accurately as possible from registered surveys furnished by the owners. Our claims were surveyed with [illegible], tri[illegible], [illegible], and the tie to VABM "Rock", elevation [illegible] checked by a registered surveyor—John Sheppard, of Moab.

Since the ground proposed in our application for exploration drilling is not in conflict with the Cove or Bullseye claims, we trust that you will be able to continue processing the application.

Yours very truly,

John P. Kellogg

John P. Kellogg

bp/enc.

COPY

January 17, 1955

224 New Customhouse
Denver 2, Colorado

Mr. John F. Kellogg
Voltron Corporation
104 West Rood
Grand Junction, Colorado

Mr. G. T. Rummel
La Salle Mining Company
First National Bank Building
Grand Junction, Colorado

Re: Docket No. DMEA 3589(Uranium)
Mossback Claims et al.
San Juan County, Utah

Gentlemen:

It has come to our attention that a possible conflict exists between the Mossback claims Nos. 9, 10, 11 and 12 and the Cave Claims. There is also a possibility of a conflict with the Bull's-eye claims.

In order to process your application, we will require a true claim map of your property showing the nature, size, and location of all areas in conflict.

When we receive this information we will continue to process your application.

Very truly yours,

W. H. Traver
Executive Officer, DMEA
Field Team, Region III

HHC:pw/bp

3/21/55gla

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

224 New Customhouse
Denver 2, Colorado

March 21, 1955

Mr. G. T. Rummel
LaSalle Mining Company
First National Bank Building
Grand Junction, Colorado

Re: Docket DMEA-3589 (Uranium), John P. Kellogg, Voltron Corp., G. T. Rummel, LaSalle Mining Company, (The Fry Canyon and White Canyon area), San Juan County, Utah

Dear Mr. Rummel:

On January 17, 1955, we wrote calling your attention to the possible claim conflict that may exist with respect to the property included in the captioned loan application. At that time, we requested a claim map covering the areas in conflict. As of today, the requested map has not been received.

Unless this map is received within thirty days, we will assume that you are no longer interested and will close the docket.

Very truly yours,

W. M. TRAVER,

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

WMT:pw

cc: Subject
Chron
Sec.Op. Comm. (2)
Harshman
Williams
Shaw

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

224 New Customhouse
Denver 2, Colorado

March 21, 1955

Mr. G. T. Rummel
LaSalle Mining Company
First National Bank Building
Grand Junction, Colorado

Re: Docket DMEA-3589 (Uranium), John P. Kellogg, Voltron Corp., G. T. Rummel, LaSalle Mining Company, (The Fry Canyon and White Canyon area), San Juan County, Utah

Dear Mr. Rummel:

On January 17, 1955, we wrote calling your attention to the possible claim conflict that may exist with respect to the property included in the captioned loan application. At that time, we requested a claim map covering the areas in conflict. As of today, the requested map has not been received.

Unless this map is received within thirty days, we will assume that you are no longer interested and will close the docket.

Very truly yours,

W. M. TRAVER,

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

WMT:pw

cc: Subject
Chron
Sec.Op. Comm. (2)
Harshman
Williams
Shaw

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
224 New Customhouse
Denver, Colorado

March 3, 1955

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, Region III

Subject: Docket No. DMEA-3625 (Uranium), Uranium King Corp., Cove Group of claims, San Juan County, Utah
and
Docket No. DMEA-3589 (Uranium), John P. Kellogg, Voltron Corp., and G. T. Rummel, LaSalle Mining Co., Fry Canyon and White Canyon area, San Juan County, Utah

This is in reply to your letter of January 13 on the subject dockets.

Enclosed are three copies of a map made from a survey by Frank S. Sherer of Cove Claims Nos. 17, 18, 23 and 24 on Docket DMEA 3625. One copy is being retained in this office.

As yet, we have received no reply from the applicant on Docket DMEA 3589.

W. M. TRAVER

W. M. Traver

Enclosures

1/25/55 gla

224 New Customhouse
Denver 2, Colorado

January 18, 1955

Memorandum

To: Chairman, Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Re: Docket No. DMEA-3625 (Uranium)
Uranium King Corporation
Cove Group of claims
San Juan County, Utah
and
Docket No. DMEA-3589 (Uranium)
John P. Kellogg, Voltron Corp.,
and G. T. Bussel, LaSalle Mining Co.
Fry Canyon and White Canyon areas
San Juan County, Utah

Enclosed are copies of letters to the applicants on the subject dockets in accordance with the request in your letter dated January 13, 1955.

W. H. Traver

HHT:pw

cc: Subject
Chron

224 New Customhouse
Denver 2, Colorado

January 17, 1955

Mr. John P. Kellogg
Voltron Corporation
104 West Road
Grand Junction, Colorado

Mr. G. T. Rummel
La Salle Mining Company
First National Bank Building
Grand Junction, Colorado

Re: Docket No. DMEA 3589(Uranium)
Moosback Claims et al.
San Juan County, Utah

Gentlemen:

It has come to our attention that a possible conflict exists between the Moosback claims Nos. 9, 10, 11 and 12 and the Cove claims. There is also a possibility of a conflict with the Bullseye claims.

In order to process your application, we will require a true claim map of your property showing the nature, kind, and location of all areas in conflict.

When we receive this information we will continue to process your application.

Very truly yours,

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

HMC:pw

cc: Subject
Chron
Chairman, Operating Comm.
Shaw
Williams

700

Murphy
Ellis
Selfridge
Kramm
Netherwood

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

Mr. W. H. King
Executive Officer
DMEA Field Team, Region IV
22h New Customhouse Building
Denver 2, Colorado

JAN 13 1955

Re: Docket No. DMEA-3625 (Uranium)
Uranium King Corporation
Cove Group of claims
San Juan County, Utah
and
Docket No. DMEA-3589 (Uranium)
John P. Kellogg, Voltron Corp.,
and G. T. Russel, LaSalle Mining Co.
Fry Canyon and White Canyon area
San Juan County, Utah

Dear Mr. King:

The above-docketed applications submitted to DMEA are presently being reviewed by our commodity members.

Mr. R. L. Newcomb of the Geological Survey has called our attention to what he thinks might be a conflict concerning property rights between the two applicants.

A large number of the Uranium King Corporation claims shown on the map attached to their application seem to be in conflict with the land shown on the claim map of the Kellogg-Russel application (Docket No. DMEA-3589). However, the Uranium King Corporation application covers only four claims, namely, Cove Nos. 17, 18, 23, and 24. Superimposing these claims on the Kellogg-Russel map indicates that the four claims, which are in Sections 5 and 6, T. 37 S., R. 16 E., and Sections 31 and 32, T. 36 S., R. 16 E., conflict with the Kellogg-Russel "Horseback" claims Nos. 9, 10, 11, and 12.

Mr. Newcomb also pointed out the possibility that the claims mentioned in both applications might be in conflict with the Bullseye Mine claims, which lie to the south and west of the applicants' claims.

We suggest that your office contact the representatives of the companies concerned and request that they clarify the above questions in regard to their exact property rights.

We grant that the maps submitted are only approximate locations; however, in an area so recently drilled by A.E.C. there may be such conflicts on newly located claims.

R.C.G.

When the above requested data has been received by this office, we shall continue to process the above-docketed applications.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

APPROVED:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

FMMurphy/gla
1-10-55
cc to: Admr.'s Reading File
Operating Committee
Docket DMEA-3625
" DMEA-3589
Messrs. J. E. Crawford, Rm. 3641
T. H. Kiilsgaard, Rm. 5224
J. O. Hosted, Rm. 3210, GSA
Code 700
Mr. Murphy

1/3/55 glr Mr. W. S. Martin
12-31-54
10:55 AM

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 3 1955

DN 235 BUR MINES 12-31-54 8-43 AM

W S MARTIN
ACTING CHAIRMAN OPRERATING COMM DMEA

REURTT DECEMBER 4XX 30,1954, KELLOGG AND RUMMEL, DOCKET DMEA 3589. THE FIELD TEAM WILL TRANSMIT THE BROCHURE TO THE GRAND JUNCTION OFFICE OF THE GEOLOGICAL SURVEY AND REQUEST THAT THEY OBTAIN FROM THE ATOMIC ENERGY COMMISSION THE RESULT OF ANY DRILLING IN THE AREA.

W H KING

Denver, Colo.

DEC 31 11 13 AM '54

BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

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

Ellis
Martin
Hedeman
Atterbury

J P Kelley

DEC 30 1954

Department of the Interior
Defense Minerals Exploration Adm.
14X4401(01) Revolving Fund,
Defense Production Act, Interior
(Allocated Working Fund to the Office
of the Secy.)

T E L E T Y P E

W. H. KING, EXECUTIVE OFFICER
DMEA FIELD TEAM, REGION IV
224 NEW CUSTOMHOUSE BUILDING
DENVER 2, COLORADO

REURLET DECEMBER 23, KELLOGG AND RUSSEL DOCKET DMEA-3589 WHAT ARE

FINDINGS OF AEC RESULT OF DRILLING IN AREA.

W. S. Martin (WB)
~~GEORGE W. HEDEMAN~~
ACTING CHAIRMAN, OPERATING COMMITTEE

EWEllis/gla
12-29-54
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. J. E. Crawford, Rm. 3641
T. H. Kiilsgaard, Rm. 5224
J. O. Hosted, Rm. 3210, GSA
Code 700
Confirmation to Region IV

SENT
DEC 30 1954
Clerical Service Section

R.C.G.

12/28/54 gla

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

224 New Customhouse
Denver 2, Colorado

December 23, 1954

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 3589, John P. Kellogg and G.T. Rummel, Mossback Claims, San Juan County, Utah

Reference is made to your letter dated December 17, 1954 in which you requested either a field examination and report or a review and recommendation covering Docket DMEA 3589.

A review of the application indicates that the proposed work is essentially prospecting. The presence of a favorable bed is indicated, however no mention is made of any mineralization or any structural controls which might tend to localize an ore deposit.

The proposed project will obtain geologic information, but sufficient evidence is not presented to indicate the presence of any definite geologic targets.

We do not believe that "wildcat" projects of this nature qualify for exploration assistance. If you agree with our thinking we suggest that the applicant be requested to perform additional geologic work and present evidence of uranium mineralization. We would then be in a position to consider a revised application on the basis of this additional information.

W H King
W. H. King

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

224 New Customhouse
Denver 2, Colorado

December 23, 1954

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

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W. H. King

Surname 700

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

DEC 17 1954

F. L. Knouse
Ellis
Kulsgaard
Guhan
Selfridge
Fjelmen

Mr. John P. Kellogg
Voltron Corporation
104 West Road
Grand Junction, Colorado
and
Mr. G. T. Rummel
LaSalle Mining Company
1st National Bank Bldg.
Grand Junction, Colorado

Re: Docket No. DMEA-3589 (Uranium)
Rosebank claims, et al.
San Juan County, Utah

Gentlemen:

The application for assistance in exploring your property in San Juan County, Utah, under the above-captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. It has been referred to the Executive Officer of Region IV at the following address:

Mr. W. H. King
Executive Officer, Region IV
DMEA Field Team
224 New Customhouse Building
Denver 2, Colorado

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

Sincerely yours,

C. O. Mittendorf

Administrator

Copy sent to: Mr. G. T. Rummel

FLKnouse:am
12-15-54
cc to: Admr. Reading File
Docket
Code 700
DMEA Field Team, Region IV(2)

Surname 700

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

F L Knouse
Ellis
Selfridge
GHJ

DEC 17 1954

Mr. W. H. King
Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Bldg.
Denver 2, Colorado

Re: Docket No. DMEA-3589 (Uranium)
John P. Kellogg and G. T. Russel
Horseback claims, et al
San Juan County, Utah

Dear Mr. King:

The captioned application is referred to your office for either a field examination and report on the proposed project or for review and recommendation.

Your report should consider and cover the points enumerated in the enclosed copies of memoranda from Mr. B. L. Newcomb dated December 10, and Mr. John E. Crawford dated December 3, 1954, members of the Uranium Commodity Committee.

If your office recommends either the program as submitted or an alternate one approved by the Applicants, please furnish us the necessary information to draft a contract. In this connection the Applicants should be instructed to furnish copies of their trustee agreements, where the mining claims were recorded, and the recording dates of each claim listed in the application.

Your memorandum dated November 26, 1954, transmitted only three copies of the application with related data, therefore we assume your office retained one copy.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GHB)

Enclosures

APPROVED:

/s/ Robert W. Geehan
Member, Bureau of Mines (GHB)

Thor H. Kiilsgaard
Member, Geological Survey (GHB)

FLKnouse:am
12-15-54
cc to: Admr. Reading File
Operating Committee
Docket
Messrs. J. E. Crawford, Rm. 3641
T. H. Kiilsgaard, Rm. 5224
J. O. Hosted, Rm. 3210, GSA
Code 700
Mr. Knouse

12/13/54 gla

IN REPLY REFER TO:

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

December 10, 1954

Re: DMEA-3589
Voltron Corp. &
La Salle Mining Co.
White Canyon Dist.
San Juan Co., Utah
$140,001 - Uranium

Memorandum

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

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

Subject: Review of application

The applicants propose a two-stage program of drilling with a total footage of about 30,000 feet and sufficient bulldozing to develop roads for access to the drill hole locations.

The program is planned to test for the Cairns channel on the applicants' claims. It is stated that the A.E.C. has drilled and followed this channel to within 4,000 feet of claims controlled by the applicants. Most of supporting material consists of statements that A.E.C. drilling has been successful and has established the existence of channels in the area. Actual results, of course, are not known by the applicants.

Any serious consideration of this application would have to be made after the results of the A.E.C. work become known.

I recommend the application be referred to the Field Team for their review and recommendations. The A.E.C. should be consulted about their exploration in the White Canyon area and the feasibility of the general program of drilling proposed by the applicants.

E. L. Newcomb

E. L. Newcomb

IN REPLY REFER TO:

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

December 10, 1954

Re: DMEA-3589
Voltron Corp. &
La Salle Mining Co.
White Canyon Dist.
San Juan Co., Utah
$140,001 - Uranium

Memorandum

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

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Subject: Review of application

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E. L. Newcomb

ELNewcomb:edf

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
J. E. Crawford, 3641 Interior

12/3/54 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC - 3 1954

December 3, 1954

Memorandum

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

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

Subject: DMEA Docket 3589, John P. Kellogg, Voltron Corp., 104 West Rood, Grand Junction, Colorado and G. T. Rummel, LaSalle Mining Co., 1st National Bank Bldg., Grand Junction, Colorado.

I have reviewed the application included in the subject docket and have discussed it with Joseph O. Hosted, representative of the Atomic Energy Commission.

Mr. Hosted emphasized that the claims mentioned in the subject application all lie within an area of Public Land withdrawn by the AEC; and if the application is to be considered by DMEA, all past and future geologic drilling conducted by the Commission in the withdrawn area should be weighed before reaching any conclusions regarding the extent of the exploration project allowed, if allowed at all.

The basis of the application is geologic information made available by the Commission. No evidence of uranium mineralization on the claims is mentioned, nor has a preliminary radioactivity reconnaissance of the property been conducted by the applicant.

Costs appear excessive, for example, the geologist in charge would receive $850 per month; the drill supervisor, $600 per month; and an assistant, $400 per month. A charge of $10,400 is estimated for road building.

Inasmuch as the White Canyon area is apparently considered by the AEC as favorable for the deposition of uranium mineralization, the application should probably be referred to the field team. The field team should consult with Ernest R. Gordon, Atomic Energy Commission, Grand Junction, Colorado, about the Commission's plans for exploration drilling in the White Canyon area as well as results of past exploration work there.

John E. Crawford

John E. Crawford

Attachment

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

November 30, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

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 IV.

DMEA - 3589 John P. Kellogg & G. T. Rummel

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

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

Messrs. John P. Kellogg
& G. T. Rummel
c/o Mr. John P. Kellogg
Voltron Corporation
104 West Rood
Grand Junction, Colorado

November 30, 1954
Subject: DMEA-3589
Re: Exploration Assistance
Mossback Claims, et al.

Gentlemen:

The receipt of your application dated November 23, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3589 and referred to the Rare and Miscellaneous 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

60932

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

224 New Customhouse
Denver 2, Colorado

November 26, 1954

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region lV

Subject: Application of La Salle Mining Company and Voltron Corporation (a Joint Venture) (Uranium), Mossback, Arrowhead, Ruby, Point, and Tryano claims, San Juan County, Utah

Enclosed are three copies of an application for exploration assistance in the amount of $140,000.50 submitted by the La Salle Mining Company and the Voltron Corporation.

for John F. Shaw
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

November 26, 1954

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Application of La Salle Mining Company and Voltron Corporation (a Joint Venture) (Uranium), Mossback, Arrowhead, Ruby, Point, and Tryano claims, San Juan County, Utah

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for John F. Shaw
W. H. King

Enclosures

A

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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. 3589
Metal or Mineral Uranium
Date Received
Estimated Cost $140,001
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:

John P. Kellogg, Voltron Corp., 104 West Rood, Grand Junction, Colorado
G. T. Rummel, LaSalle Mining Co. 1st Nat'l Bank Bldg., Grand Jct., Colo.
(Joint Application)

(*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. Partnership: Kellogg 60%, Rummel 40%

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

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

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

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

(see report)

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise
owners - see report

(*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 none

(*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 Uranium

(*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 30 days and be completed within 3½ 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?

☐ Money ☒ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated ....., 195...

LaSalle Mining Co
(Applicant)

By Emmanuel Pastner.

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION LOAN APPLICATION REPORT ON THE MOSSBACK, ARROWHEAD, RUBY, POINT, AND TYPANO CLAIMS GROUPS, WHITE CANYON AREA, SAN JUAN COUNTY, UTAH.

CONTENTS

Introduction ---------- Page 2

Geological Report ---------- Page 4
- Location and Accessibility ---------- Page 4
- Topography and Climate ---------- Page 4
- General Geology of the Area ---------- Page 6
- Geology of the Property ---------- Page 8

Proposed Exploration ---------- Page 16
- Area to be explored ---------- Page 16
- Roadwork and Drilling ---------- Page 17
- Costs ---------- Page 18

ILLUSTRATIONS

Figure 1 - Location Map, Colorado Plateau ---------- Page 5

Figure 2 - Index Map to the White Canyon Area ---------- Page 11

Figure 3 - Withdrawn Area, Showing Location of Claims ---------- Page 13

Figure 4 - Tectonic Map of Southeastern Utah ---------- Page 14

Figure 5 - Generalized geologic section, Mossback Mesa ---------- Page 15

Figure 6 - Claim map, showing proposed exploration ---------- Page 20

~~Figure 7 - Detail of Exploratory Drilling ---------- Page 21~~

INTRODUCTION

This is a joint application for a defense minerals exploration administration loan between G. T. Rummel, who represents LaSalle Mining Company, First National Bank Building, and J. P. Kellogg, who represents Voltron Corporation, 104 West Rood, both addresses being in Grand Junction, Colorado.

The property to be explored consists of 137 and a fraction unpatented mining claims. One hundred and four claims are recorded in the name of John P. Kellogg, who holds them in trust for Voltron, a California corporation, and thirty-three and a fraction claims are recorded in the name of Richard Pascoe, who holds them in trust for G. T. Rummel, of LaSalle Mining Company. Kellogg and Rummel agree to operate and share of a partnership basis as follows: Kellogg conveys to Rummel 40 percent interest in his ground, and Rummel conveys to Kellogg 60 per cent interest in his ground, to be effective for the duration of the loan, and subject on a pro rata basis for both applicants to all conditions thereof. Kellogg, representing Voltron Corporation, therefore will hold title to 60 per cent of the 137 and a fraction claims, and Rummel, representing LaSalle Mining Company, will hold title to 40 per cent of the 137 and a fraction claims.

The ground referred to above is described as follows:

Mossback Claims	1-12, incl.,	Recorded in Book 105, pp. 372-377
Mossback Claims	13-25, incl.,	Recorded in Book 105, pp. 528-534
Mossback Claims	73-77, incl.,	Recorded in Book 111, pp. 446-448
Arrowhead Claims	1-12, incl.,	Recorded in Book 125, pp. 222-228
Ruby Claims	1-42, incl.,	Recorded in Book 125, pp. 228-249

Point Claims	1-20, incl.,	Recorded in Book 129, pp. 296-306
	104 Claims purchased from original locators by J. P. Kellogg	
Tyrano Claims	1-23, incl.,	Recorded in Book 119, pp. 431-
Tryano Claims	24-33, incl.,	Recorded in Book 131, pp. 79-84
Tyrano Fraction Claims		Record ed in Book 131, page 84
	33 and a fraction claims recorded in the name of LaSalle Mining Company, by Richard Pascoe	

The above claims are located in an unsurveyed area of San Juan County, Utah, between White and Red Canyons. By projection of the land survey as proposed by the Bureau of Land Management, the property falls in the following townships, by sections:

T. 36 S., R. 15 E., Sections 25, 26, and 35 and 36

T. 36 S., R. 16 E., Sections 31, 32, and 33

T. 37 S., R. 15 E., Sections 1 and 2

(see claims map in report)

GEOLOGICAL REPORT ON THE MOSSBACK, ARROWHEAD, RUBY, POINT, AND TYRANO CLAIM GROUPS, WHITE CANYON AREA, SAN JUAN COUNTY, UTAH

Location and Accessibility

The property consisting of 30 Mossback Claims, 12 Arrowhead Claims, 42 Ruby Claims, 20 Point Claims, and 33 and a fraction Tyrano Claims (all of which are adjacent, and can be regarded collectively as one group of claims) lies between Red Canyon to the southwest, and Fry Canyon to the northeast, at a point about 3 miles above the junction of Fry and White Canyons. From Utah State Route 95, between Blanding and Hite, Utah, a fair all-weather road affords accessibility up Fry Canyon to within one mile of the Mossback Claims, and onto the southern edge of the Tyrano Claims (Figure 6). The distance from Highway 95 to claims is about 11 miles.

The road from Fry Canyon turns southwest at the Atomic Energy Commission Camp, rises over the shoulder of the mesa cliffs, and turns into the two re-entrys that gain access to the claims. There is no alternate access at the present time. The upper claims, on top of the mesa, can only be reached on foot.

There is a landing strip in White Canyon, near the junction of Fry Canyon, that is suitable for light planes. The nearest main source of supplies is Blanding, about 65 miles to the east over good state roads.

Topography and Climate

The area is of typically rugged canyon-and-mesa topography, with mesa rims from 1,500 to 2,500 feet above the valley floors. The country is arid semi-desert, water is scarce, and vegetation consists mainly of scrub oak, stunted cedars, junipers, and cactus.

Daylight hours in the summer months are apt to be uncomfortably hot, although, due to the altitude - over 5000 feet - the nights are fairly cool. Because of the lack of snow, the winter months are the most pleasant for working.

General Geology of the Area

Exposed sediments, of continental origin, range in age from the Permian through the Jurassic. The lowest is the Cutler formation, which forms the natural arches in Bridges National Monument in White Canyon. The tops of the mesas consist of Kayenta and some Wingate, underlain by Chinle, which is underlain by the ore-bearing S hinarump conglomerate. Between the S hinarump and the Cutler is the red Moenkpe formation (Figure 5).

The Stratigraphic column exposed at the property is an follows:

System	Formation	Thickness, feet	Description
	Navajo	0-50	buff sandstone, cross-bedded; rounded knobs
Jurassic	Kayenta	200	Red, irregularly bedded sandstone; some mudstone lenses.
	Wingate	400	Massive; red columnar sandstone; cliff-forming

(Stratigraphic column, continued:)

System	Formation	Thickness, feet	Description
	Chinle	600±	Bright red, purple and green to gray variegated mudstones and siltstones; some interbedded limestone and sandstone with high feldspar and carbon content.
Triassic	Shinarump	20-40	Thin lenses of white to gray crossbedded conglomerate and sandstone; benchforming; ore-bearing horizon.
	Moenkopi	150	Red and brown interbedded shales and well-sorted sandstones; ripple marks, mud cracks common; high mica content.
	Moskinnini member	40	Red to brown medium-bedded sandstone; thin shale seams
Permian (Cutler formation)	Organ Rock member	150	Predominately red shales with some interbedded sandstones
	Cedar Mesa member	300	White, massive, medium-grained sandstone

Mossback Mesa is on the west flank of the Monument upwarp (Figure 4), also called the Elk Ridge Anticline. This broad structural feature has a gentle dip of rarely over 2°, regionally to the southwest, but in the vicinity of Mossback Mesa it veers locally to the northwest. The beds normally have a uniform strike of N. 15° W. Near the claims area the beds strike locally about N. 40° E. No pronounced faulting has been observed near the claims.

The major uranium ore control is paleostream channels in the Moenkopi. These channels are filled with Shinarump clastics, sometimes containing carbon trash and minerals of uranium and copper. Larger channels in the White Canyon area usually follow a relatively straight course, but they

may turn abruptly at right angles, particularly where a subsidiary channel joins them. The channels are persistent, however, and several have been followed by drilling for great distances.

There are characteristics peculiar to the channel fill that do not occur elsewhere. The channel bed consists of an easily recognizable conglomeratic gray sandstone member. In most cases, it is this member that contains the ore. It may be identified lithologically by its abrupt termination at the channel banks, the wide range in its grain size, the abundance of mud galls and re-ground Moenkopi fragments, intensified cross-bedding, quartz pebbles up to 1½ inches in diameter, and abundant organic material.

The basal, ore-bearing sandstone grades into an overlying red and gray mudstone, with interbedded sandstone, above which is the main, widespread Shinarump sandstone member, coarsely conglomeratic, rarely containing ore and organic matter, and uninfluenced by channelling.

In the White Canyon area copper is a common associate with uranium. Microscopic studies reveal that crystals of copper sulfides, with pyrite, replace secondary quartz overgrowths. Uraninite occurs as cement, and as a replacement of organic matter. The uranium and copper sulfides are of about the same age. Copper sulphates and carbonates, with limonite, are commonly seen on weathered outcrops, In some cases, as in the Nash Car channel, the uranium mineralization varies directly with the amount of copper present. This is not true, however, on the surface outcrops, where ground water has deposited an enrichment of copper.

Geology of the Property

For the past two years the Atomic Energy Commission has maintained field camps in White, Fry, and Red Canyons for the purpose of determining depositional favorability based on studies of local modes of occurrence. Because a major portion of the area is capped by the thick, cliff-forming Glen Canyon group of formations, geologic work has necessarily been confined to projecting channels and basin structures under the mesas. Where the drilling has not been too deep the Commission has drilled to delineate channels and to develop orebodies, both with success. One result of these studies has been to show that channel confluences are the most favorable spots for uranium deposition. Completed rim reconnaissance has projected known ore-bearing channels to their probable junction under Mossback Mesa (Figure 3). It was this conclusion that justified the withdrawal of the mesa from public domain.

Figure 3 illustrates the mean flow deviation of the Bee, Nash Car., Vallejo, Fars, Cub, and Cairns channels in relation to the subject claims of this report. Most of these channels have developed profitable orebodies, and some of them are now in production. Government drilling in the summer of 1954 extended the richest channel, the Cairns, to within about 4000 feet of the Mossback claims. At this point the channel, which reportedly showed ore in the last drill holes, appears to be going northwest. It may turn north or west, but due to the regional dip northwest, it cannot turn south or east and run up hill. If this argument is valid, the semicircle formed by the five claim groups has effectively circumscribed the channel. The primary purpose of

exploration by the applicants is to locate this channel by drilling.

There are no outcrops of ore-bearing Shinarump on the property. The lowest exposed formation is the Chinle, accessible on 8 Mossback claims and about 16 Tyrano claims. The remainder of the ground is above the Wingate.

The property lies entirely within an area withdrawn on July 19, 1954 from public domain (Figures 2 and 3, and copy of Press Release No. 78 on page 12). The applicants have been assured by the Atomic Energy Commission that its intention to explore the withdrawn area does not include the applicants' claims.

U. S. ATOMIC ENERGY COMMISSION
Grand Junction Operations Office
Grand Junction, Colorado

FOR PRESS AND RADIO
No. 78
Telephone: Grand Junction 3000

FOR RELEASE FRIDAY
July 23, 1954

LAND WITHDRAWAL IN SAN JUAN COUNTY, UTAH, REQUESTED BY AEC

The U. S. Atomic Energy Commission has requested the Bureau of Land Management, Department of the Interior, to withdraw from the public domain approximately 10,000 acres of land in the White Canyon area of San Juan County, Utah, for the Commission's use in its uranium exploration program, it was announced today by Sheldon P. Wimpfen, Manager of the Grand Junction Operations Office of the Commission at Grand Junction, Colorado.

A temporary segregation of the lands, closing them to location and entry under the mining laws, was effected July 19, 1954, when the Bureau of Land Management notified the Commission that, pursuant to regulations affecting the withdrawal of lands for Government use, the Bureau had recorded the application for withdrawal in the serial register and noted it on official plats and in the tract books maintained at the Utah Land and Survey Office at Salt Lake City, Utah.

By projection from the surveyed township, T. 36 S., R. 17 E., SLM, the lands embrace the following sections:

T. 36 S., R. 15 E. - - Sections 25. S½26, SE¼27, E½34, 35 and 36.

T. 36 S., R. 16E. - - Sections 19, W½20, W½ and SE¼29, 30, 31, 32, W½33.

T. 37S., R. 15 E. - - Sections 1, 2, E½3, 12.

T. 37 S., R. 16 E. - - Sections 4, 5, 6, 7.

PROPOSED EXPLORATION

Area to be Explored

Figure 6 illustrates the general area to be explored, based on the geologic reasoning covered under "Geology". This semicircular zone, surrounding the channel, will be drilled first to locate the channel's course, then the channel itself will be intensely drilled to locate the ore. Once the channel is located the remaining exploratory holes on the semicircle will be abandoned. For this reason, every effort will be expended to locate the channel as soon as possible. Thus, the work will necessarily be guided by a geologist thoroughly familiar with Shinarump channels, and the first holes will be put down where a careful projection of the Cairns seems most probable. At the same time, consideration must be given to the factor of depth, and a compromise will be necessary. It now appears that the channel will cross somewhere near the center of the semicircle, or under the overlapping Tyrano and Ruby claims (heavy arrow, Figure 6). This location is in an extremely rugged spot, and drilling would be deep. It is therefore proposed that the first drilling be done on the Chinle benches as close to this spot as possible. Drilling below the Wingate can be done on Mossbacks 8, 9, 11, 12, 13 and 14, and on the Tyranos 1, 2, 3, 4, 6, 8, and 10. In conjunction with this initial drilling, a structure contour map at the base of the Shinarump will be prepared, the regional dip will be plotted, and a careful study of lithology will be made of the cores. If the channel is not encountered on this first phase of drilling, the next phase will be to drill deeper, above the Wingate if necessary, to join the two areas already drilled - about

7000 feet between Mossback 8 and Tyrano 10. If the channel is found be the shallower drilling, the second phase would be to follow it by deeper drilling, depending on the direction of its course. The weight of geologic evidence at the moment seems to indicate that this course will be under the upper Tyranos and under the Ruby claim group. In any event, the second phase of drilling would necessitate some road construction to the top of the Wingate. This can best be achieved be going up the first re-entry canyon onto the Mossback claims in the vicinity of Mossback No. 15. Once on top, the road construction would be relatively simple, and all of the claims can be made accessible in a short time. In view of this, it is also proposed that drilling be done on the Point claims, Nos. 19 and 20, in a search for an extension of width in the Cairns channel orebody, which lies just below the promontory tip.

Detail of Roadwork and Drilling

The first roads will be drill access roads, extending existing roads. It is estimated that a maximum of four miles of easy road will gain access to all drill sites for the first phase drilling. These roads, in the soft Chinle shales, should take an experienced bulldozer operator about 80 hours. Minor amount blasting of rock will be necessary. To gain access to the top of the Wingate, however, will require considerable blasting of rock, and possible 200 hours of bulldozer work. The roads on the mesa top will total about 40,000 feet, a minimum of blasting, can be accomplised in about 150 hours.

Twelve holes on the Mossback claims, and fifteen holes on the Tyrano claims should be sufficient to locate the channel. These 27 holes will

average about 525 feet in depth, or a total of 14, 175 feet. If the channel is encountered during this first drilling, additional offsets and/or ore delimitting would consist of possibly 10 more holes that would average about 600 feet in depth, for a total of 6000 feet. Searching for the channel on top would require 16 holes averaging about 975 feet in depth, for a total of 15, 600 feet. Extending the channel on top, provided it is found below, would require 10 holes averaging about 1050 feet, for a total of 10,500 feet.

Costs, General

In the Tabulation of Costs, the prices are based as follows:
Bulldozer can generally be contrated for $12,00 an hour for a D-7 Caperpillar. It is planned to contract only one bulldozer, although it may prove to be feasible to utilize two of them while cutting a road to the top of the mesa.
Drilling estimates are based on experience, and are likely to vary from the estimate only when the deep drilling is contracted. It is planned to use two rotary rigs capable of drilling wet or dry, with coring facilities. Plugbitting will of course vary, depending upon depth. As the drilling progesses it will be possible, by use of structure contour maps, to cut the bottom 100 feet in every case. In plugbitting, the Chinel shales can be sealed off with mud rather than the more expensive iron pipe. Labor, superivsion, supplies, etc., are standard, but assays cannot be computed since only mineral will be assayed.
It is estimated that 2 rotary rigs can drill the approximate 21,000 feet in 60 days, or just over 3½ months elapsed time.

TABULATION OF COSTS

Roadbuilding

First phase drill roads, 80 hours @ $12.00 per hour		$ 960.00
Second phase; access to mesa top, 200 hours, @ $12.00 per hour	$ 2400.00	
blasting, compressor, hammer, supplies, labor, etc.	$ 8000.00	
		$10,400.00
Drill roads on mesa top, 150 hours @ $12.00 per hour	$ 1800.00	
blasting, compressor, hammer, supplies, labor, ect.	$ 3500.00	
		$ 5,300.00
		$16,660.00

Drilling

First phase, 27 holes @ 525 feet, or 14,175' @ $3.50/ft.		$49,612.50
Second phase, if channel found in first phase:		
10 holes @ 600' or 6000' @ $3.50/ft.	$21,000.00	
10 holes @ 1050', or 10,500' @ $4.00/ft.	$42,000.00	
		$63,000.00
Second phase, if channel not found in first phase:		
16 holes @ 975', or 15,600' @ $4.00/ft.		($62,400.00)
		$112,612.50

Supervision, labor, vehicles, supplies, etc.

Drill supervisor's salary, 3½ mos. @ $600/mo.	$ 2,100.00	
Geologist's salary, 3½ mos. @ $850/mo.	$ 2,975.00	
Assistant, camp maintainance, surveyor: 3½ mos. @ $400/mo.	$ 1,400.00	
Field subsistence, 3½ mos.	$ 840.00	
vehicles, fuel, oil, travel, & incidentals	$ 3,413.00	
		$ 10,728.00

Total estimated cost ---------- $140,000.50

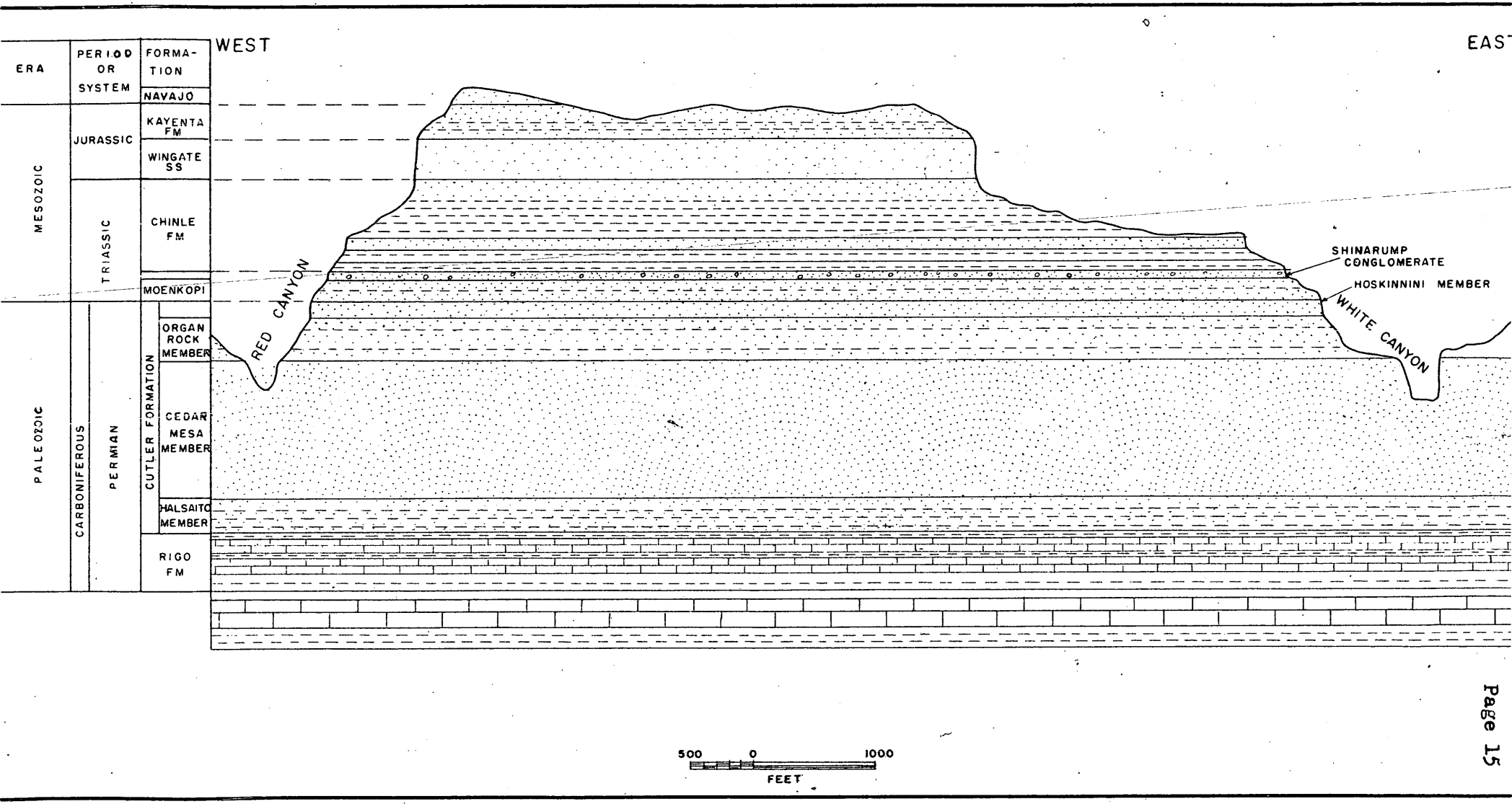


Figure 5. Generalized section of Mossback Mesa, White Canyon Area, San Juan County, Utah

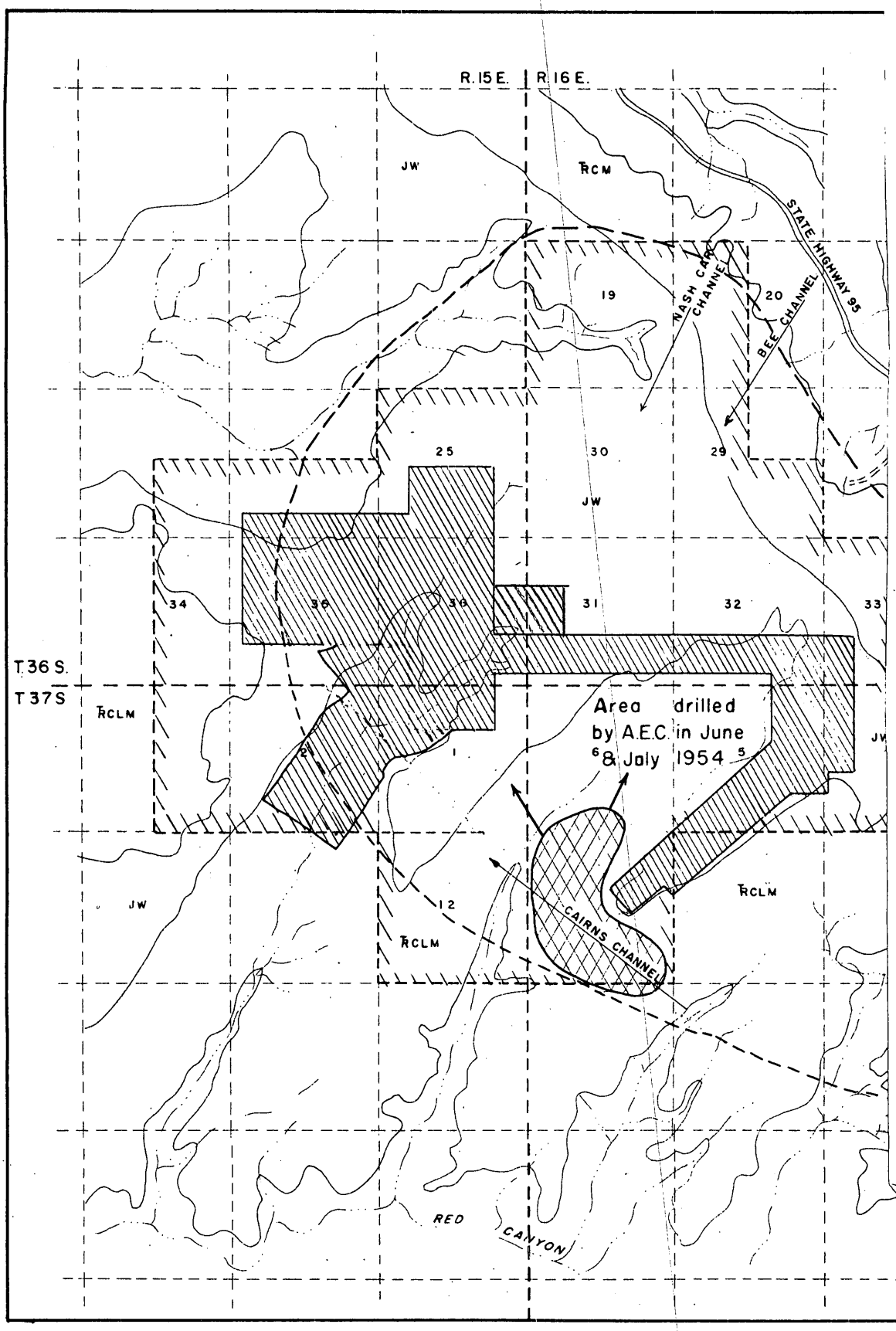
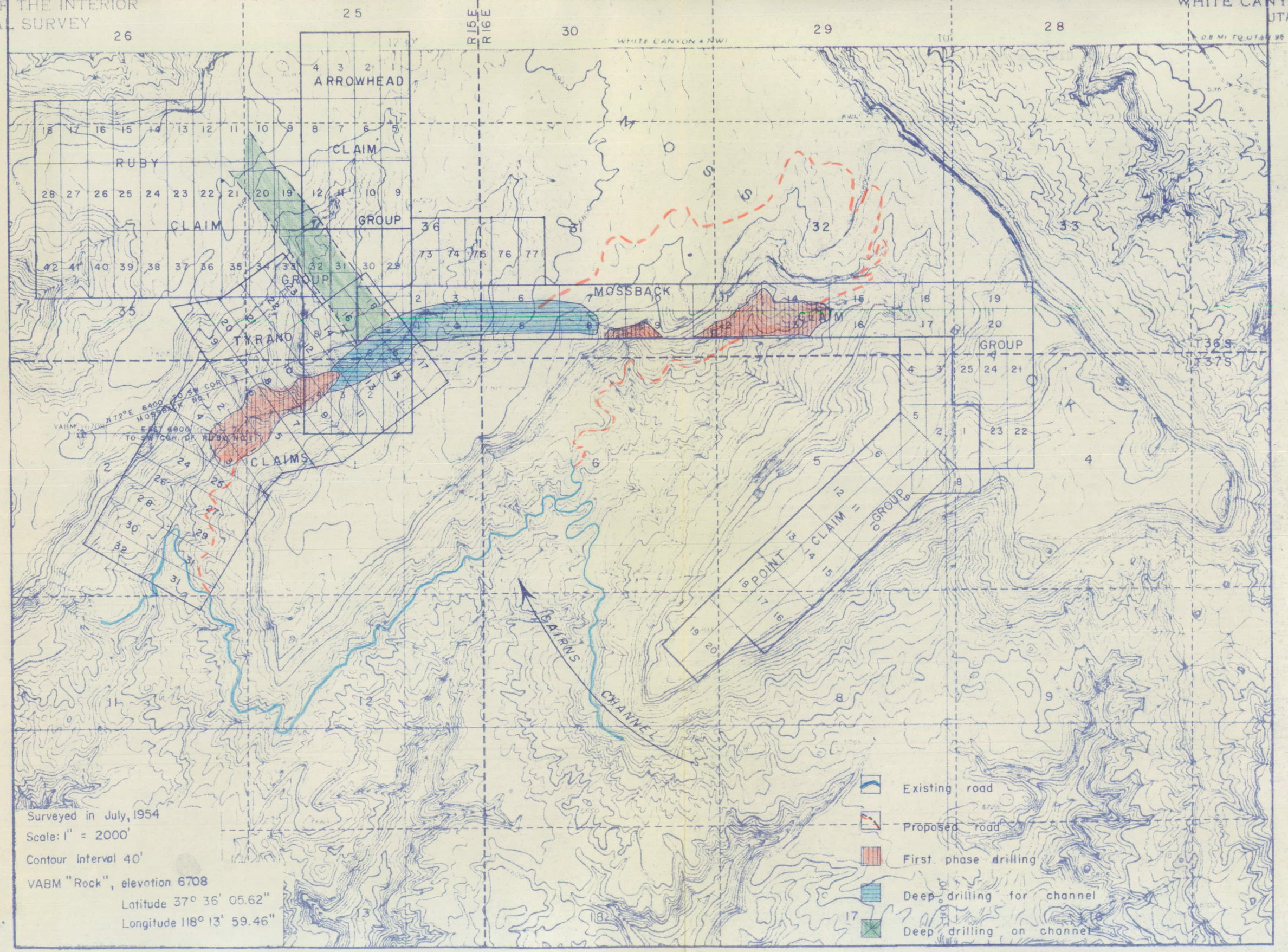


Fig.3 Land withdrawal July 19,1954 & location of Cla
San Juan County, Utah



Plat of Claims—White Canyon—Red Canyon mining district, San Juan County, Utah

Mr. Jay L. Chambers, Chief
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

A

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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. 3589
Metal or Mineral Uranium
Date Received
Estimated Cost $140,001
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:

John P. Kellogg, Voltron Corp., 104 West Rood, Grand Junction, Colorado
G. T. Rummel, LaSalle Mining Co. 1st Nat'l Bank Bldg., Grand Jct., Colo.
(Joint Application)

(*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. Partnership: Kellogg 60%, Rummel 40%

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

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

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

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

(see report)

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise
owners - see report)

(*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 none

(*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 Uranium

(*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 30 days and be completed within 3½ 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?

☐ 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 Nov. 23, 1954

John P. Kellogg

Lost Lake Mining Co.
(Applicant)

By [illegible] Postmaster

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION LOAN APPLICATION REPORT ON THE MOSSBACK, ARROWHEAD, RUBY, POINT, AND TYRANO CLAIMS GROUPS, WHITE CANYON AREA, SAN JUAN COUNTY, UTAH.

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Introduction ---------- Page 2

Geological Report ---------- Page 4
- Location and Accessibility ---------- Page 4
- Topography and Climate ---------- Page 4
- General Geology of the Area ---------- Page 6
- Geology of the Property ---------- Page 8

Proposed Exploration ---------- Page 16
- Area to be explored ---------- Page 16
- Roadwork and Drilling ---------- Page 17
- Costs ---------- Page 18

ILLUSTRATIONS

Figure 1 - Location Map, Colorado Plateau ---------- Page 5

Figure 2 - Index Map to the White Canyon Area ---------- Page 11

Figure 3 - Withdrawn Area, Showing Location of Claims ---------- Page 13

Figure 4 - Tectonic Map of Southeastern Utah ---------- Page 14

Figure 5 - Generalized geologic section, Mossback Mesa ---------- Page 15

Figure 6 - Claim map, showing proposed exploration ---------- Page 20

~~Figure 7 - Detail of Exploratory Drilling ---------- Page 21~~

INTRODUCTION

This is a joint application for a defense minerals exploration administration loan between G. T. Rummel, who represents LaSalle Mining Company, First National Bank Building, and J. P. Kellogg, who represents Voltron Corporation, 104 West Rood, both addresses being in Grand Junction, Colorado.

The property to be explored consists of 137 and a fraction unpatented mining claims. One hundred and four claims are recorded in the name of John P. Kellogg, who holds them in trust for Voltron, a California corporation, and thirty-three and a fraction claims are recorded in the name of Richard Pascoe, who holds them in trust for G. T. Rummel, of LaSalle Mining Company. Kellogg and Rummel agree to operate and share of a partnership basis as follows: Kellogg conveys to Rummel 40 percent interest in his ground, and Rummel conveys to Kellogg 60 per cent interest in his ground, to be effective for the duration of the loan, and subject on a pro rata basis for both applicants to all conditions thereof. Kellogg, representing Voltron Corporation, therefore will hold title to 60 per cent of the 137 and a fraction claims, and Rummel, representing LaSalle Mining Company, will hold title to 40 per cent of the 137 and a fraction claims.

The ground referred to above is described as follows:

Mossback Claims	1-12, incl.,	Recorded in Book 105, pp. 372-377
Mossback Claims	13-25, incl.,	Recorded in Book 105, pp. 528-534
Mossback Claims	73-77, incl.,	Recorded in Book 111, pp. 446-448
Arrowhead Claims	1-12, incl.,	Recorded in Book 125, pp. 222-228
Ruby Claims	1-42, incl.,	Recorded in Book 125, pp. 228-249

Point Claims	1-20, incl.,	Recorded in Book 129, pp. 296-306
	104 Claims purchased from original locators by J. P. Kellogg	
Tyrano Claims	1-23, incl.,	Recorded in Book 119, pp. 431-
Tryano Claims	24-33, incl.,	Recorded in Book 131, pp. 79-84
Tyrano Fraction Claims		Record ed in Book 131, page 84
	33 and a fraction claims recorded in the name of LaSalle Mining Company, by Richard Pascoe	

The above claims are located in an unsurveyed area of San Juan County, Utah, between White and Red Canyons. By projection of the land survey as proposed by the Bureau of Land Management, the property falls in the following townships, by sections:

T. 36 S., R. 15 E., Sections 25, 26, and 35 and 36

T. 36 S., R. 16 E., Sections 31, 32, and 33

T. 37 S., R. 15 E., Sections 1 and 2

(see claims map in report)

GEOLOGICAL REPORT ON THE MOSSBACK, ARROWHEAD, RUBY, POINT, AND TYRANO CLAIM GROUPS, WHITE CANYON AREA, SAN JUAN COUNTY, UTAH

Location and Accessibility

The property consisting of 30 Mossback Claims, 12 Arrowhead Claims, 42 Ruby Claims, 20 Point Claims, and 33 and a fraction Tyrano Claims (all of which are adjacent, and can be regarded collectively as one group of claims) lies between Red Canyon to the southwest, and Fry Canyon to the northeast, at a point about 3 miles above the junction of Fry and White Canyons. From Utah State Route 95, between Blanding and Hite, Utah, a fair all-weather road affords accessibility up Fry Canyon to within one mile of the Mossback Claims, and onto the southern edge of the Tyrano Claims (Figure 6). The distance from Highway 95 to claims is about 11 miles.

The road from Fry Canyon turns southwest at the Atomic Energy Commission Camp, rises over the shoulder of the mesa cliffs, and turns into the two re-entrys that gain access to the claims. There is no alternate access at the present time. The upper claims, on top of the mesa, can only be reached on foot.

There is a landing strip in White Canyon, near the junction of Fry Canyon, that is suitable for light planes. The nearest main source of supplies is Blanding, about 65 miles to the east over good state roads.

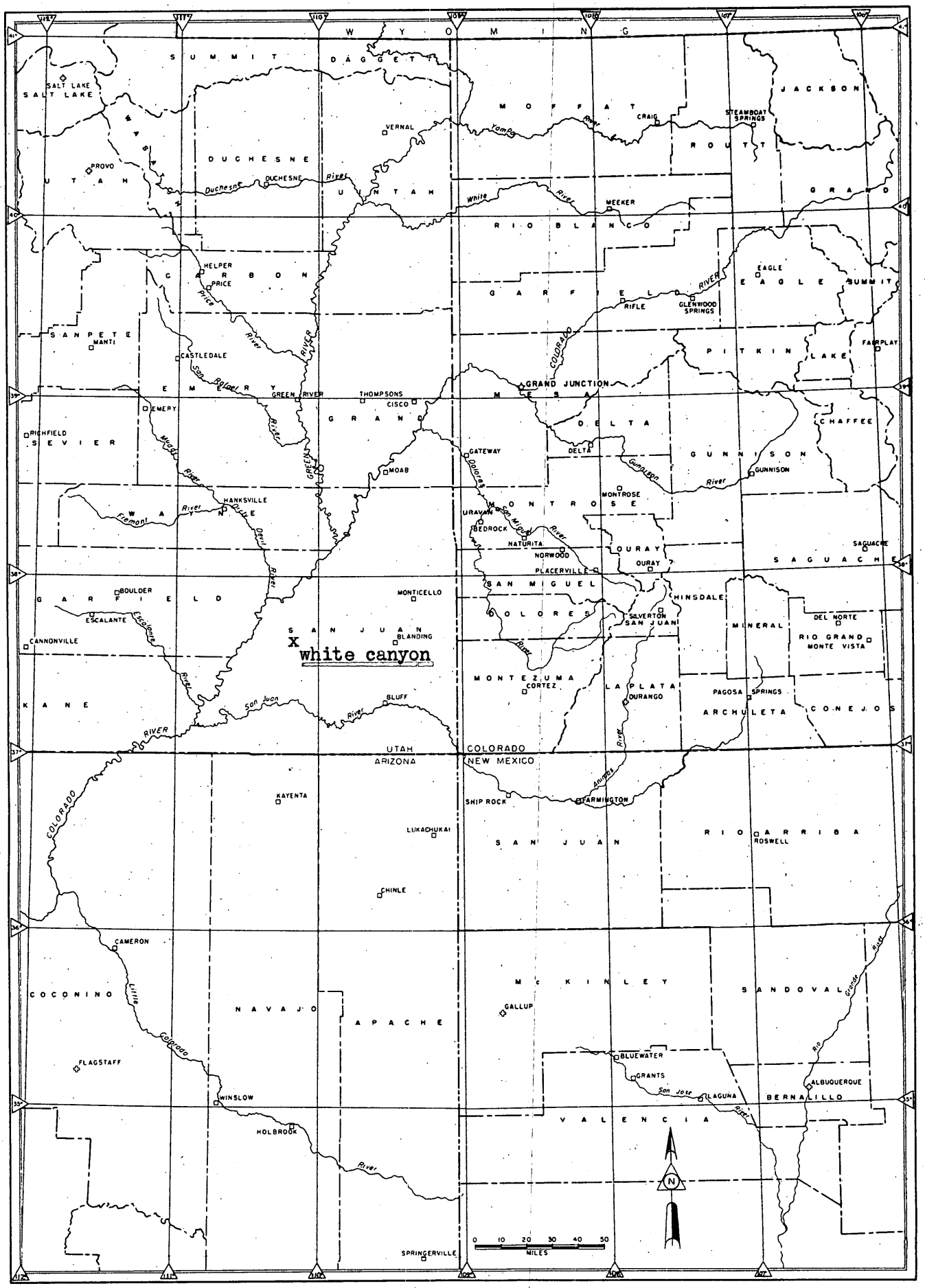

Figure 1. Location Map; the Colorado Plateau

Topography and Climate

The area is of typically rugged canyon-and-mesa topography, with mesa rims from 1,500 to 2,500 feet above the valley floors. The country is arid semi-desert, water is scarce, and vegetation consists mainly of scrub oak, stunted cedars, junipers, and cactus.

Daylight hours in the summer months are apt to be uncomfortably hot, although, due to the altitude - over 5000 feet - the nights are fairly cool. Because of the lack of snow, the winter months are the most pleasant for working.

General Geology of the Area

Exposed sediments, of continental origin, range in age from the Permian through the Jurassic. The lowest is the Cutler formation, which forms the natural arches in Bridges National Monument in White Canyon. The tops of the mesas consist of Kayenta and some Wingage, underlain by Chinle, which is underlain by the ore-bearing Shinarump conglomerate. Between the Shinarump and the Cutler is the red Moenkpe formation (Figure 5).

The Stratigraphic column exposed at the property is as follows:

System	Formation	Thickness, feet	Description
	Navajo	0-50	buff sandstone, cross-bedded; rounded knobs
Jurassic	Kayenta	200	Red, irregularly bedded sandstone; some mudstone lenses.
	Wingate	400	Massive; red columnar sandstone; cliff-forming

(Stratigraphic column, continued:)

System	Formation	Thickness, feet	Description
	Chinle	600	Bright red, purple and green to gray variegated mudstones and siltstones; some interbedded limestone and sandstone with hgh feldspar and carbon content.
Triassic	Shinarump	20-40	Thin lenses of white to gray crossbedded conglomerate and sandstone; benchforming; ore-bearing horizon.
	Moenkopi	150	Red and brown interbedded shales and well-snorted sandstones; ripple marks, mud cracks common; high mica content.
	Hoskinnini member	40	red to brown medium-bedded sandstone; thin shale seams
Permian (Cutler formation)	Organ Rock member	150	Predominately red shales with some interbedded sandstones
	Cedar Mesa member	300	White, massive, medium-grained sandstone

Mossback Mesa is on the west flank of the Monument upwarp (Figure 4), also called the Elk Ridge anticline. This braod structural feature has a gentle dip of rarely over 2°, regionally to the southwest, but in the vicinity of Mossback Mesa it veers locally to the northwest. The beds normally have a uniform strike of N. 15° W. Near the claim area the beds strike locally about N. 40° E. No pronounced faulting has been observed near the claims.

The major uranium ore control is paleostream channels in the Moenkopi. These channels are filled with Shinarump clastics, sometimes containing carbon trash and minerals of uranium and copper. Larger channels in the White Canyon area usually follow a relatively straight course, but they

may turn abruptly at right angles, particularly where a subsidiary channel joins them. The channels are persistne, however, and several have been followed by drilling for great distances.

There are characteristics peculiar to the channel fill that do not occur elsewhere. The channel bed consists of an easily recognizable conglomeratic gray sandstone member. In most cases, it is this member that contains the ore. It may be identified lithologically by its abrupt termination at the channel banks, the wide range in its grain size, the abundance of mud galls and re-ground Moenkopi fragments, intersified cross-bedding, quartz pebbles up to 1½ inches in diameter, and abundant organic material.

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In the White Canyon area copper is a common associate with uranium. Microscopic studies reveal that crystals of copper sulfides, with pyrite, replace secondary quartz overgrowths. Uraninite occurs as cement, and as a replacement of organic matter. The uranium and copper sulfides are of about the same age. Copper sulphates and carbonates, with limonite, are commonly seen on weathered outcrops. In some cases, as in the Nash Car channel, the uranium mineralization varies directly with the amount of copper present. This is not ture, however, on the surface outcrops, where ground water has deposited an enrichment of copper.

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Figure 3 illustrates the mean flow deviation of the Bee, Nash Car, Vallejo, Ears, Cub, and Cairns channels in relation to the subject claims of this report. Most of these channels have developed profitable orebodies, and some of them are now in production. Government drilling in the summer of 1954 extended the richest channel, the Cairns, to within about 4000 feet of the Mossback claims. At this point the channel, which reportedly showed ore in the last drill holes, appears to be going northwest. It may turn north or west, but due to the regional dip northwest, it cannot turn south or east and run up hill. If this argument is valid, the semicircle formed by the five claim groups has effectively circumscribed the channel. The primary purpose of

exploration by the applicants is to locate this channel by drilling.

There are no outcrops of ore-bearing Shinarump on the property. The lowest exposed formation is the Chinle, accessible on 8 Mossback claims and about 16 Tyrano claims. The remainder of the ground is above the Wingate.

The property lies entirely within an area withdrawn on July 19, 1954 from public domain (Figures 2 and 3, and copy of Press Release No. 78 on page 12). The applicants have been assured by the Atomic Energy Commission that its intention to explore the withdrawn area does not include the applicants' claims.

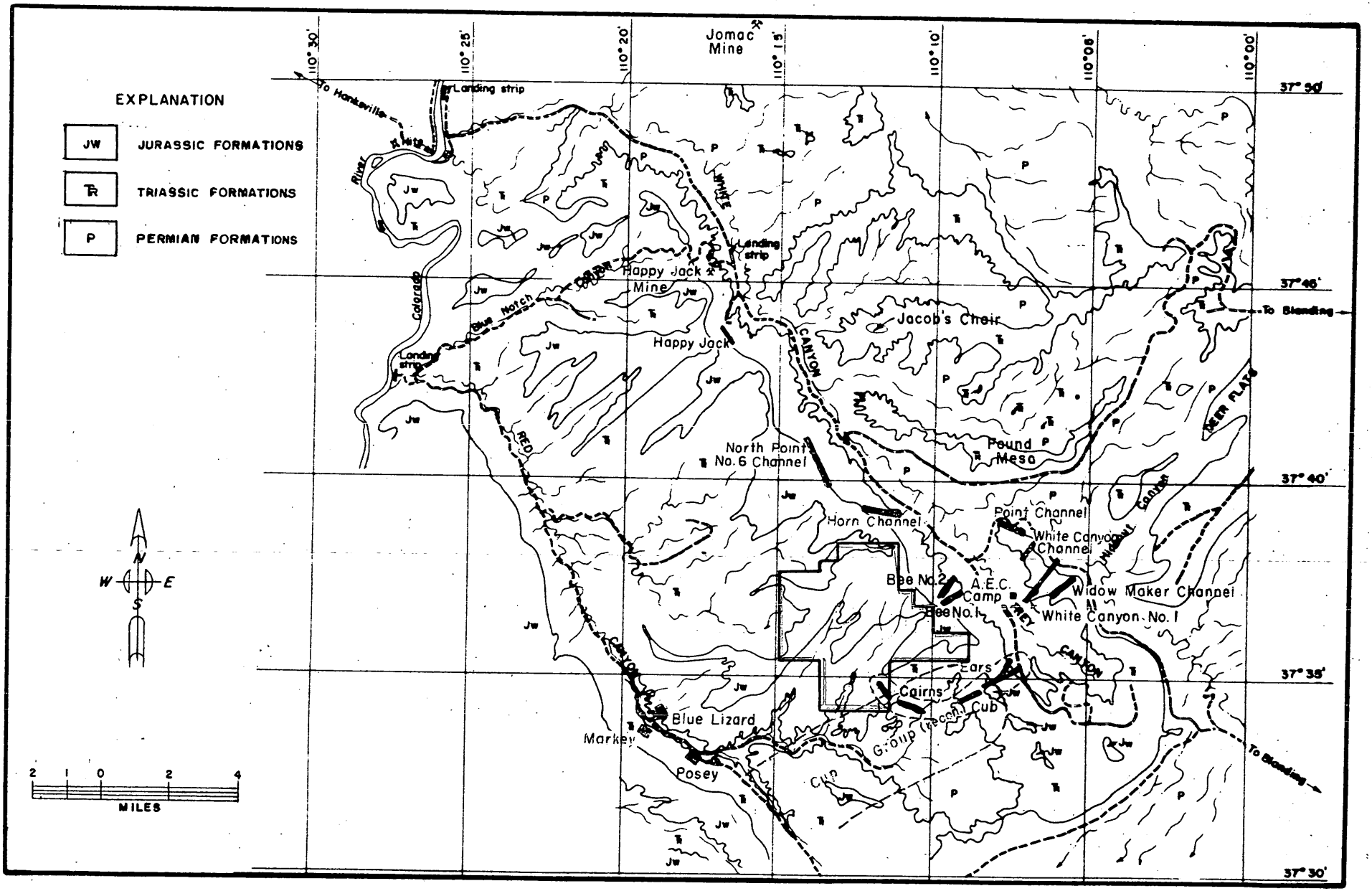


Figure 2. Index map of White Canyon showing withdrawn area, San Juan County, Utah

U. S. ATOMIC ENERGY COMMISSION
Grand Junction Operations Office
Grand Junction, Colorado

FOR PRESS AND RADIO
No. 78
Telephone: Grand Junction 3000

FOR RELEASE FRIDAY
July 23, 1954

LAND WITHDRAWAL IN SAN JUAN COUNTY, UTAH, REQUESTED BY AEC

The U. S. Atomic Energy Commission has requested the Bureau of Land Management, Department of the Interior, to withdraw from the public domain approximately 10,000 acres of land in the White Canyon area of San Juan County, Utah, for the Commission's use in its uranium exploration program, it was announced today by Sheldon P. Wimpfen, Manager of the Grand Junction Operations Office of the Commission at Grand Junction, Colorado.

A temporary segregation of the lands, closing them to location and entry under the mining laws, was effected July 19, 1954, when the Bureau of Land Management notified the Commission that, pursuant to regulations affecting the withdrawal of lands for Government use, the Bureau had recorded the application for withdrawal in the serial register and noted it on official plats and in the tract books maintained at the Utah Land and Survey Office at Salt Lake City, Utah.

By projection from the surveyed township, T. 36 S., R. 17 E., SLM, the lands embrace the following sections:

T. 36 S., R. 15 E. - - Sections 25. S½26, SE¼27, E½34, 35 and 36.

T. 36 S., R. 16E. - - Sections 19, W½20, W½ and SE¼29, 30, 31, 32, W½33.

T. 37S., R. 15 E. - - Sections 1, 2, E½3, 12.

T. 37 S., R. 16 E. - - Sections 4, 5, 6, 7.

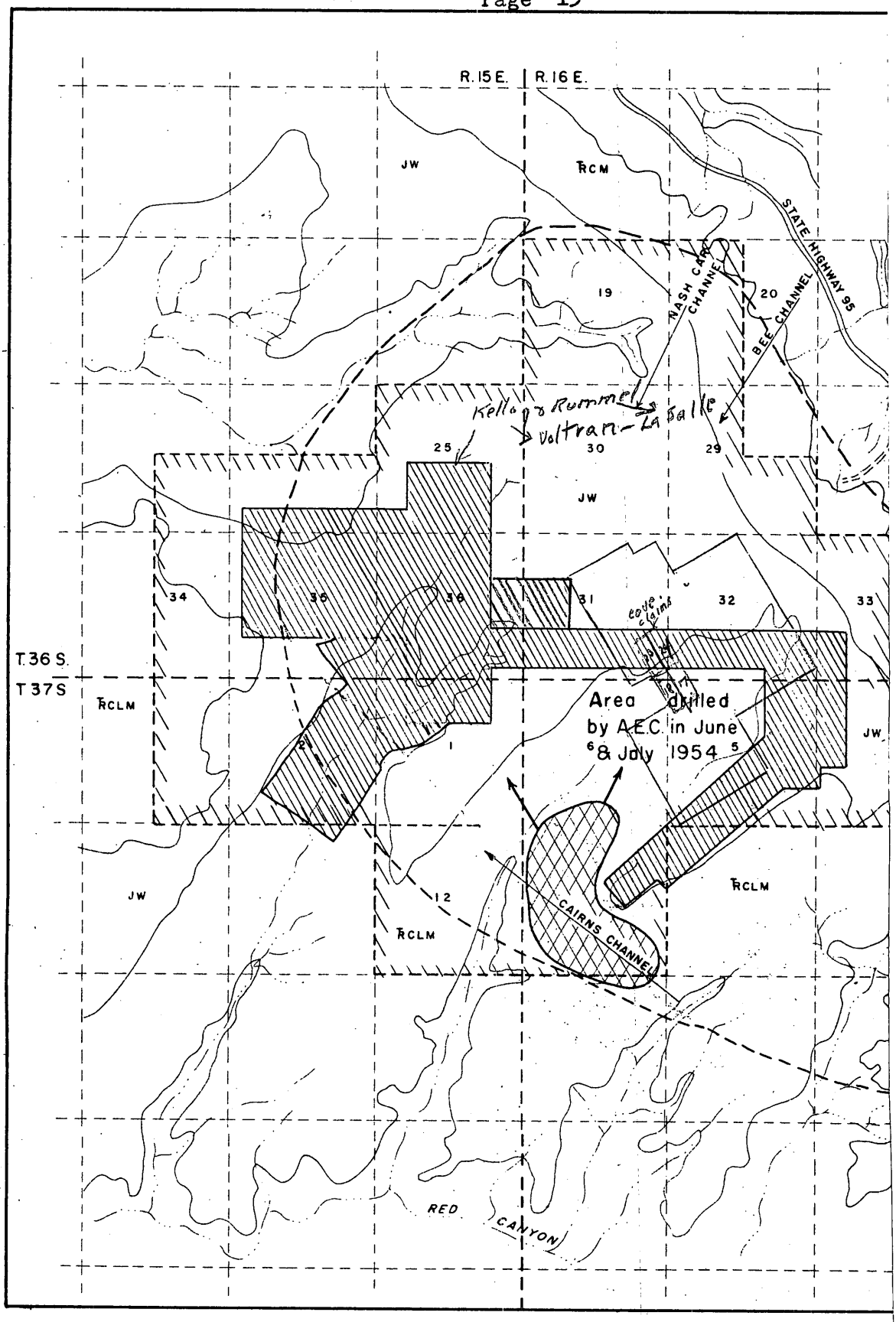


Fig.3 Land withdrawal July 19,1954 & location
San Juan County, Utah

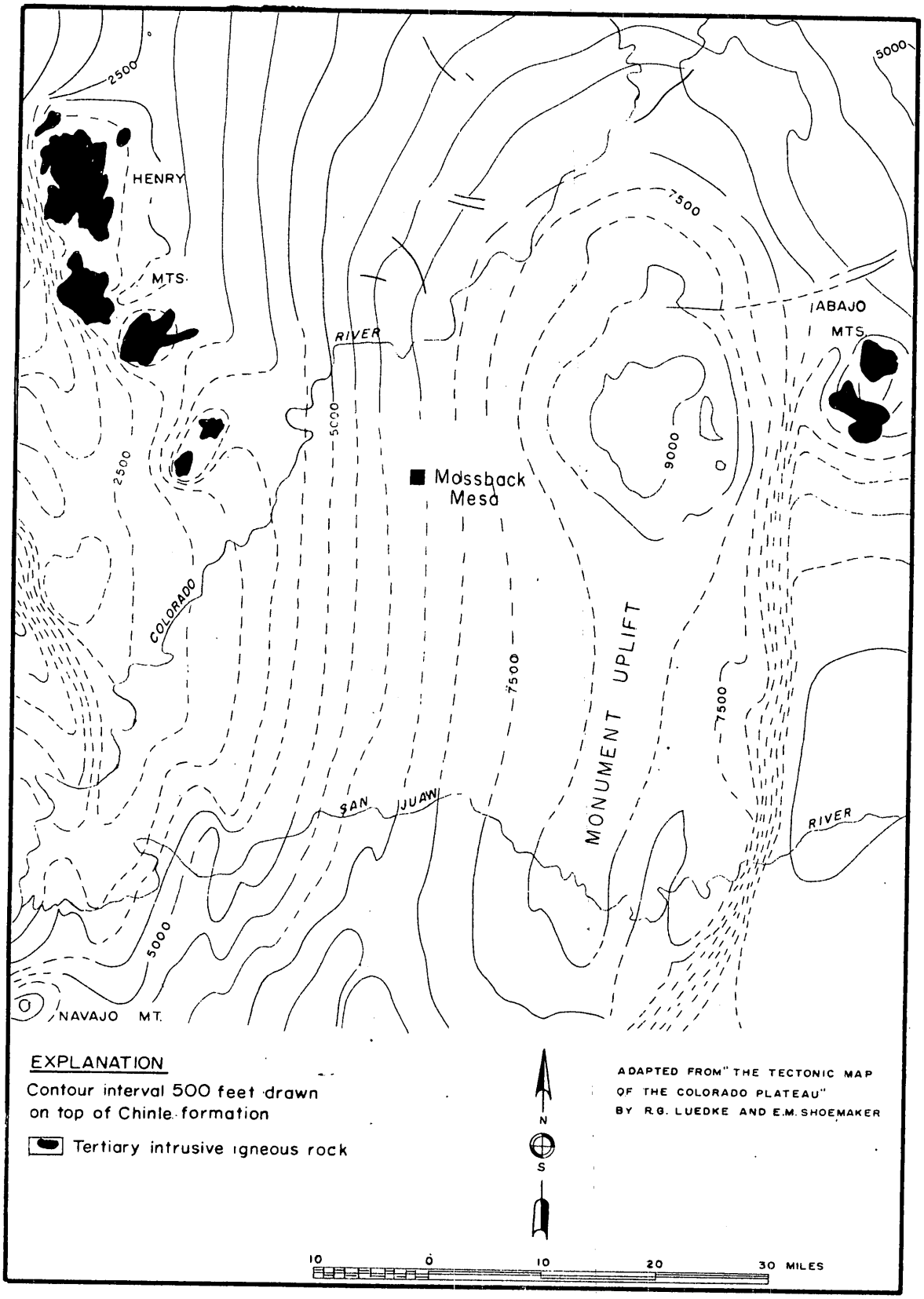


Figure 4. Tectonic map of Southeast Utah

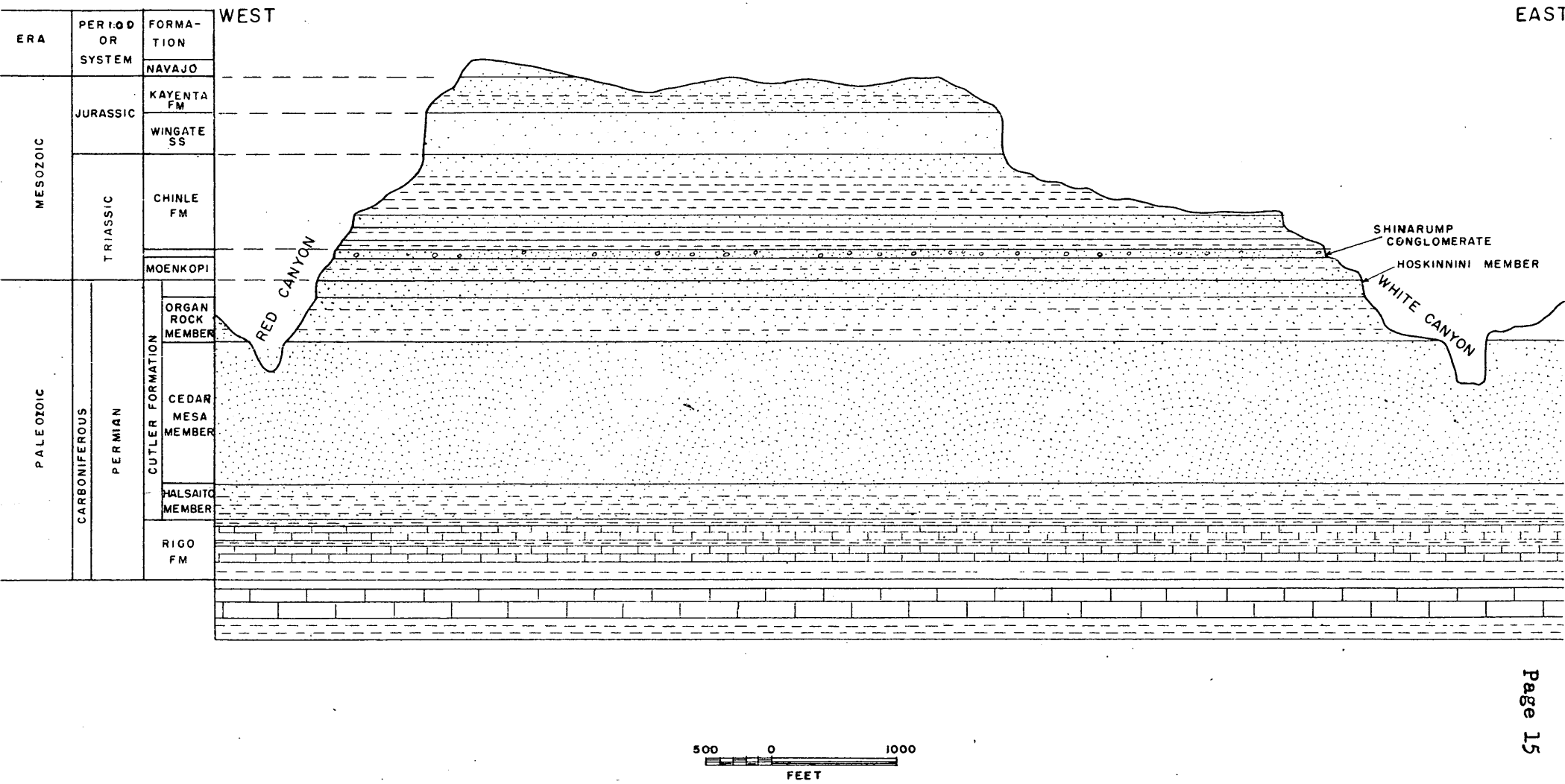


Figure 5. Generalized section of Mossback Mesa, White Canyon Area, San Juan County, Utah

PROPOSED EXPLORATION

Area to be Explored

Figure 6 illustrates the general area to be explored, based on the geologic reasoning covered under "Geology". This semicircular zone, surrounding the channel, will be drilled first to locate the channel's course, then the channel itself will be intensely drilled to locate the ore. Once the channel is located the remaining exploratory holes on the simicircle will be abandoned. For this reason, every effort will be expended to locate the channel as soon as possible. Thus, the work will necessarily be quided by a geologist thouroughly familair with Shinarump channels, and the first holes will be put down where a careful projection of the Cairns seems most probable. At the same time, consideration must be given to the factor of depth, and a compromise will be necessary. It now appears that the channel will cross somewhere near the center of the simicircle, or under the overlapping Tyrano and Ruby claims (heavy arrow, Figure 6). This location is in an extremely rugged spot, and drilling would be deep. It is therefore proposed that the first drilling be done on the Chinle benches as close to this spot as possible. Drilling below the Wingate can be done on Mossback 8, 9, 11, 12, 13, and 14, and on the Tyranos 1, 2, 3, 4, 6, 8, and 10. In conjunction with this initial drilling, a structure cantour map at the base of the Shinarumo will be prepared, the regional dip will be plotted, and a careful study of lithology will be made of the cores. If the channel is not encountered on this first phase of drilling, the next phase will be to drill deeper, above the Wingate if necessary, to join the two areas already drilled - about

7000 feet between Mossback 8 and Tyrano 10. If the channel is found be the shallower drilling, the second phase would be to follow it by deeper drilling, depending on the direction of its course. The weight of geologic evidence at the moment seems to indicate that this course will be under the upper Tyranos and under the Ruby claim group. In any event, the second phase of drilling would necessitate some road construction to the top of the Wingate. This can best be achieved be going up the first re-entry canyon onto the Mossback claims in the vicinity of Mossback No. 15. Once on top, the road construction would be relatively simple, and all of the claims can be made accessible in a short time. In view of this, it is also proposed that drilling be done on the Point claims, Nos. 19 and 20, in a search for an extension of width in the Cairns channel orebody, which lies just below the promontory tip.

Detail of Roadwork and Drilling

The first roads will be drill access roads, extending existing roads. It is estimated that a maximum of four miles of easy road will gain access to all drill sites for the first phase drilling. These roads, in the soft Chinle shales, should take an experienced bulldozer operator about 80 hours. Minor amount blasting of rock will be necessary. To gain access to the top of the Wingate, however, will require considerable blasting of rock, and possible 200 hours of bulldozer work. The roads on the mesa top will total about 40,000 feet, a minimum of blasting, can be accomplised in about 150 hours.

Twelve holes on the Mossback claims, and fifteen holes on the Tyrano claims should be sufficient to locate the channel. These 27 holes will

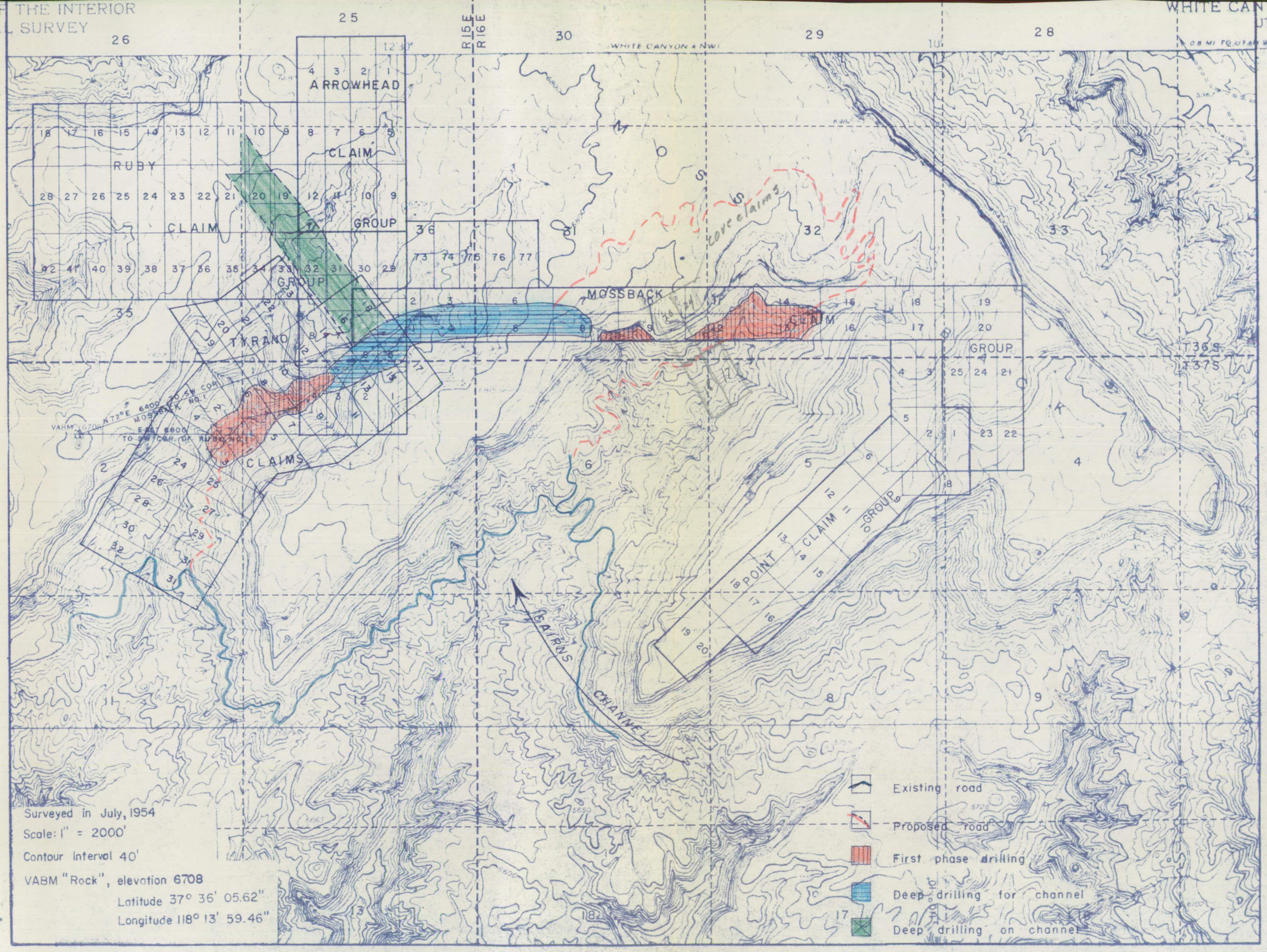
average about 525 feet in depth, or a total of 14, 175 feet. If the channel is encountered during this first drilling, additional offsets and/or ore delimitting would consist of possibly 10 more holes that would average about 600 feet in depth, for a total of 6000 feet. Searching for the channel on top would require 16 holes averaging about 975 feet in depth, for a total of 15, 600 feet. Extending the channel on top, provided it is found below, would require 10 holes averaging about 1050 feet, for a total of 10,500 feet.

Costs, General

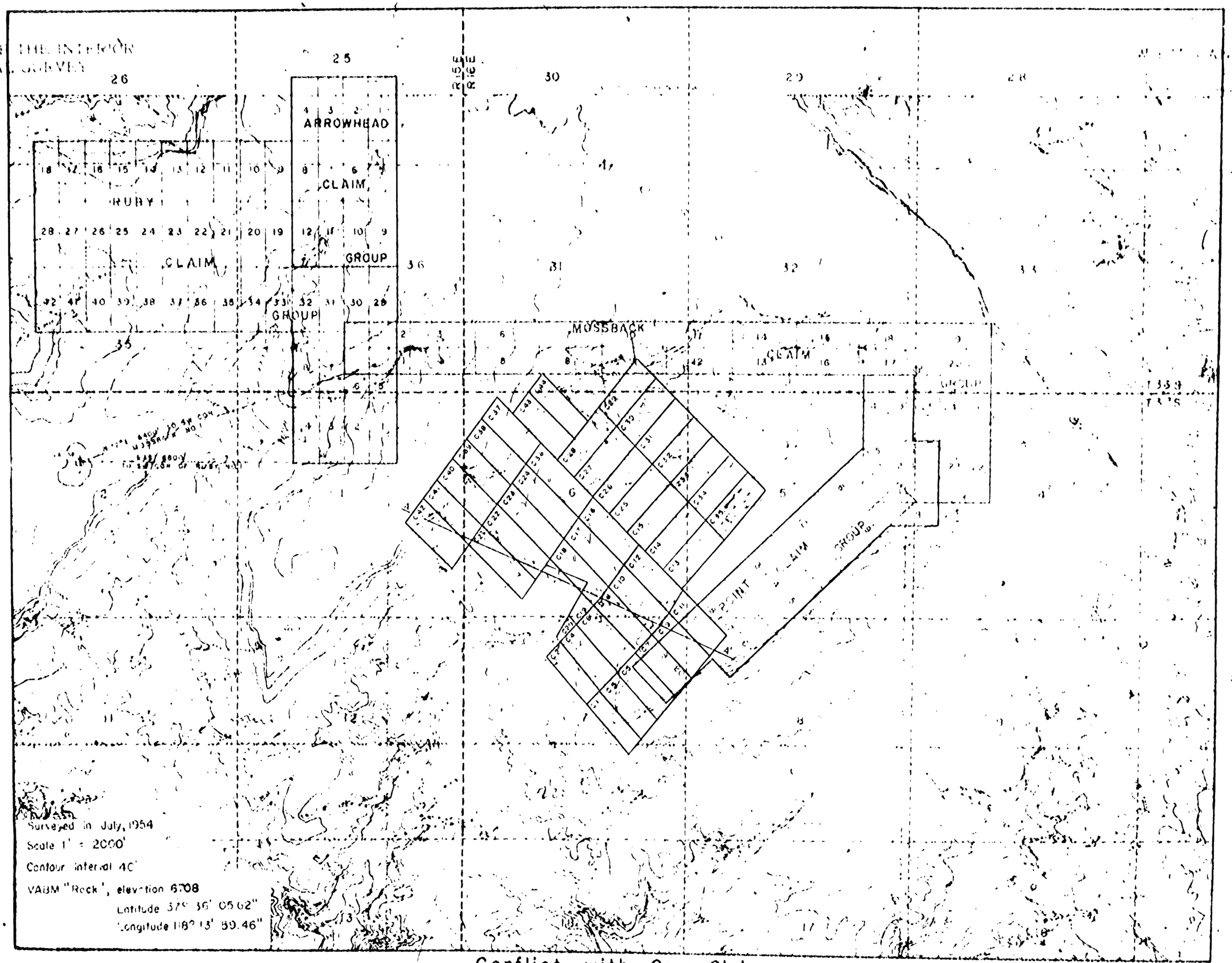
In the Tabulation of Costs, the prices are based as follows:
Bulldozer can generally be contrated for $12,00 an hour for a D-7 Caperpillar. It is planned to contract only one bulldozer, although it may prove to be feasible to utilize two of them while cutting a road to the top of the mesa.
Drilling estimates are based on experience, and are likely to vary from the estimate only when the deep drilling is contracted. It is planned to use two rotary rigs capable of drilling wet or dry, with coring facilities. Plugbitting will of course vary, depending upon depth. As drilling progesses it will be possible, by use of structure contour maps, to cut the bottom 100 feet in every case. In plugbitting, the Chinel shales can be sealed off with mud rather than the more expensive iron pipe. Labor, superivsion, supplies, etc., are standard, but assays cannot be computed since only mineral will be assayed.
It is estimated that 2 rotary rigs can drill the approximate 21,000 feet in 80 days, or just over 3½ months elapsed time.

TABULATION OF COSTS

Roadbuilding		
First phase drill roads, 80 hours @ $12.00 per hour		$ 960.00
Second phase; access to mesa top, 200 hours, @ $12.00 per hour	$ 2400.00	
blasting, compressor, hammer, supplies, labor, etc.	$ 8000.00	
		$10,400.00
Drill roads on mesa top, 150 hours @ $12.00 per hour	$ 1800.00	
blasting, compressor, hammer, supplies, labor, etc.	$ 3500.00	
		$ 5,300.00
		$16,660.00
Drilling		
First phase, 27 holes @ 525 feet, or 14,175' @ $3.50/ft.		$49,6120.00
Second phase, if channel found in first phase:		
10 holes @ 600' or 6000' @ $3.50/ft.	$21,000.00	
10 holes @ 1050', or 10,500' @ $4.00/ft.	$42,000.00	
		$63,000.00
Second phase, if channel not found in first phase:		
16 holes @ 985', or 15,600' @ $4.00/ft.		($62,400.00)
		$112,612.50
Supervision, labor, vehicles, supplies, etc.		
Drill supervisor's salary, 3½ mos. @ $600/mo.	$ 2,100.00	
Geologist's salary, 3½ mox. @ $850/mo.	$ 2,975.00	
Assistant, camp maintainance, surveyor: 3½ mos. @ $400/mo.	$ 1,400.00	
Field subsistence, 3½ mos.	$ 840.00	
vehicles, fuel, oil travel, & incidentals	$ 3,413.00	
		$ 10,728.00
Total estimated cost		$140,000.50

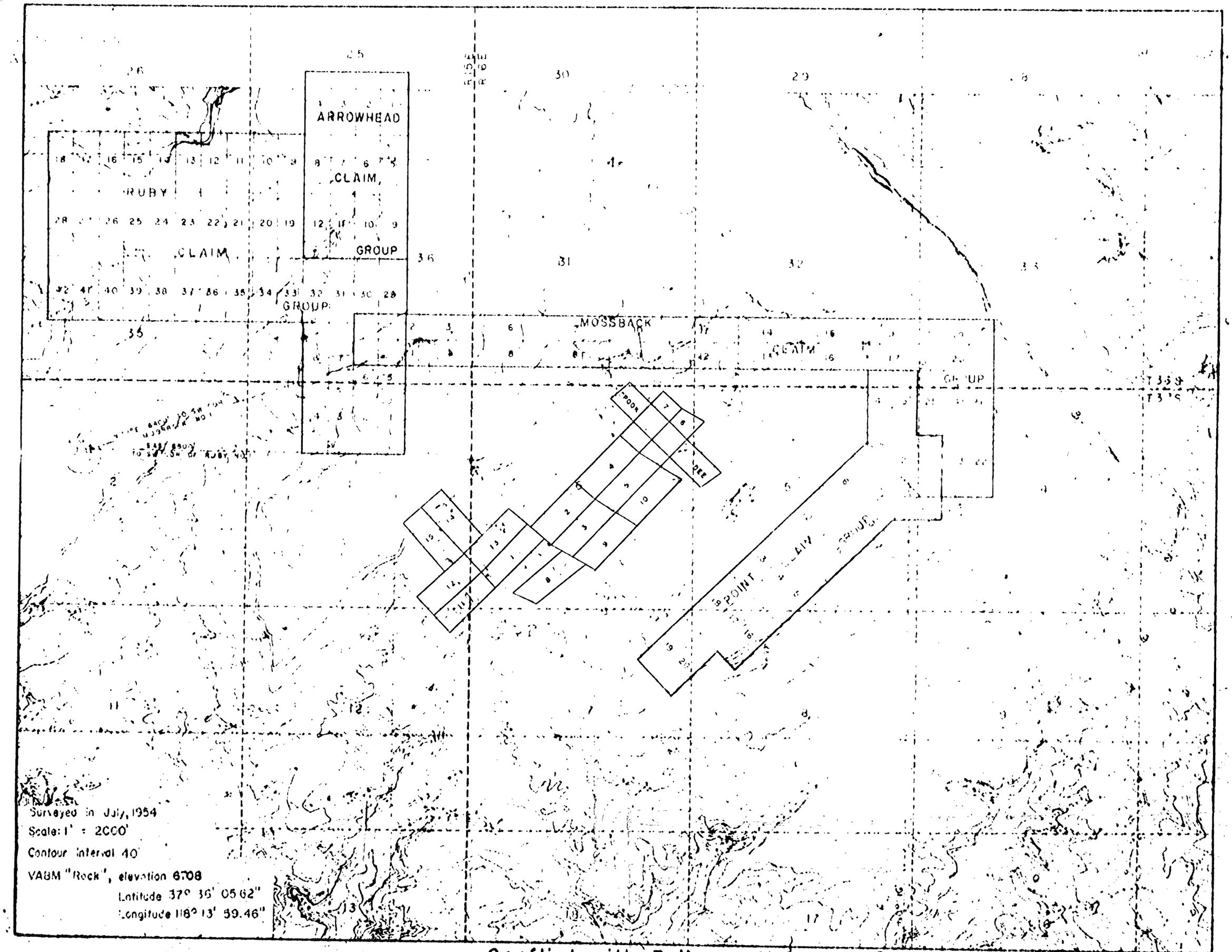


Plat of Claims—White Canyon-Red Canyon mining district, San Juan County, Utah



Conflict with Cove Claims

Plat of J.P. Kellogg Claims--White Canyon-Red Canyon mining district. San Juan County, Utah



Conflict with Bullseye Claims

Plat of J.P. Kellogg Claims—White Canyon-Red Canyon mining district San Juan County, Utah