DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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DMA Docket No. 4265

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Cys. BM, GS

Routing Slip

To:	700	Date	4/25/56
To:	Mr Mittendorf	Date	5-3-56
To:	Oper. Com	Date	6/29/56
To:	Oper. Com.	Date	6-29-56
To:	F. Johnson	Date	7-2-56
To:	Operating Com.	Date	10-26-56
To:	Admr.	Date	10-26-56
To:		Date	
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Surname copy

700

Murphy
Lamb
Kilsgaard
Selfridge

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

OCT 2 6 1956

Mr. Frank Nallick
Pines Hotel
Box No. 73
Marysvale, Utah

Re: Docket No. DMEA-4265 (Uranium)
Canary Claims
Piute County, Utah

Dear Mr. Nallick:

Your application for aid in an exploration project and other information available to us in Washington concerning your above-named property have been reviewed.

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

Careful study of all our information, although noting some minor uranium mineralization on your property, indicates that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. We regret to advise you that, under these circumstances, your application for exploration assistance is denied.

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

Sincerely yours,
C. O. Mittendorf

Administrator

FMMurphy/gla
10-26-56
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, 3643
THKiilsgaard, 5224
JOHosted, 3210,GSA
Code 700
Mr. Murphy
DMEA Field Team, Region III (2)

R.C.S.

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

DOCKET COPY

Murphy
Ellis

October 25, 1956

Summary of Proposed Project

Object:	Denial of application for exploration aid.
Docket No.:	DMEA-4265
Commodity:	Uranium
Applicant:	Frank Nallick Pines Hotel Box No. 73 Marysvale, Utah
Property:	Owner, Canary Nos. 2 through 18 claims, situated in secs. 4, 5, 8, and9, T. 27 S., R. 4-1/2 W., S.L.B.M., Piute County, Utah.
Amount of application:	$15,100.00
Date of application:	April 19, 1956
Additional information requested:	May 4, 1956
Referred to Region III:	July 2, 1956
Field Team report recd.:	October 15, 1956*

*Engineering report completed September 13; however, USGS examiner resigned and did not submit his report. Field Team notes USGS member concurs in recommendation of denial.

Work Proposed: An adit to intersect at depth the fault zone exposed in pit No. 1, on Canary No. 15 claim.

Estimated Costs:		
	500 feet drifting @ $25.00/ft.	$12,500.00
	20 hours bulldozing @ $10.00/hr.	200.00
	Supervision and Technical Services	1,000.00
	Pick-up truck rental, 6 months @ $100/mth.	600.00
	Gas and Oil for truck, 6 months @ $50/mth.	300.00
	Building for shelter and sotrage	500.00
	Total	$15,100.00

Excerpts from Field Team report:

The claims lie on both the north and south sides of V-shaped Deer Creek Canyon. The altitude of the bottom of the canyon in the claim area is about 8,500 feet.

Exploration work at the time of examination consisted of three shallow pits on Canary No. 15 claim. Uranium mineralization is associated with diorite porphyry and porphyritic andesite. The mineralization occurs in a bleached and altered fault zone. Two samples obtained from the pits (at places showing the highest radioactivity) by the examining engineer assayed 0.005% and 0.046% U_3O_8.

The field examiner recommends the application be denied because the uranium mineralization is too weak and erratically distributed to indicate a deposit of possible commercial significance. The Field Team concurred in the denial.

Commodity Members' comments(excerpts):

W. P. Williams, October 18, 1956, U. S. Geological Survey

Mr. Williams agrees with the field examiners that the geologic conditions noted on the subject property do not indicate it is favorable for the occurrence of significant ore deposits and, therefore, he concurs in the recommendation for denial.

J. E. Crawford, October 25, 1956, U. S. Bureau of Mines

Mr. Crawford concurs in the Field Team's recommendation of denial.

F. M. Murphy, October 25, 1956, Rare and Miscellaneous Metals Division

A review of the field examiner's report indicates that the grade and extent of the uranium occurrences exposed on the Canary claims does not warrant aid for further exploration.

Conclusion and Recommendation:

This Division agrees with the field examiner's conclusions in regard to the uranium potential of the subject claims, and concurs in the Field Team's recommendation for denial.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous Metals Division

10/25/56

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

RECEIVED
OCT 25 1956

Date 10/25/56

DMEA Docket No. 4265
DMEA Contract No.
Commodity Uranium
Name of applicant Frank Nallick
Name of property Canary Claims
Location of property Piute County, Utah
Estimated cost of project $15,100

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee
From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee
Subject: Review of Field Team Report
(Application, Field Team Report, etc.)

1. Date of subject document: _____. 2. Date received by reviewer: 10/18/56.

3. Prior reports on this property known to reviewer: Yes ☐ No ☐

4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location ☐
   b. Ownership ☐
   c. Evidence of mineralization ☐
   d. Geology ☐
   e. Proposed exploration method ☐
   f. Alternate exploration method ☐
   g. Costs ☐
   h. _____ ☐

9. Action advised:
   a. Obtain information from applicant ☐
   b. Refer to Field Team ☐
   c. Denial [x]
   d. Agree with Field Team [x]
      i. Consult with Mr. _____ at _____ AEC office.
   e. Disagree with Field Team ☐
   f. Suggest alternate plan ☐
   g. Request another examination ☐
   h. Approval ☐

10. Remarks: (Use back of page if necessary)
Mr. J. O. Hosted, Washington representative of the Atomic Energy Commission, assisted in the review.

10-19-56

IN REPLY REFER TO:

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

RECEIVED
OCT 1 1956

October 18, 1956

Memorandum

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

From: W. P. Williams, U. S. Geological Survey

Subject: Review of field examination report, DMEA 4265, Frank Nallick, Piute County, Utah, (uranium).

The examining engineer reports that sparse uranium minerals cause only weak radioactive anomalies on the applicant's property. The best assay from samples from the property ran only 0.046 percent U_3O_8. No ore reserves are known on the property. The Marysvale district lies 6 miles east of the property.

As a result of geologic conditions the examiners do not expect any ore bodies in altered and fractured igneous rocks to be of significant size. Denial of the applicant's proposed drifting and crosscutting is recommended in view of the poor prospects of making a worthwhile discovery. I am in agreement with the advice of the Field Team for denial of the application.

W. P. Williams

W. P. Williams

10/22/56 gla

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

RECEIVED
OCT 1 1956

224 New Customhouse
Denver 2, Colorado

October 11, 1956

Memorandum

To: Secretary to the Operating Committee

From: DMEA Field Team, Region III

Subject: Report of Examination Docket DMEA 4265 (Uranium)
Frank Nallick (Canary Claims) Piute County, Utah

Enclosed are the original and three copies of the Engineering Report of Examination on the subject property. The Survey participated in the field examination but their report has not been received. It is noted in the attached memorandum from Mr. E. N. Harshman that we have been assured that the Survey examiner concurs in the conclusions and recommendations made in the Engineering Report. We concur in the recommendation that the application be denied.

DMEA Field Team, Region III

E. N. Harshman

By E. N. Harshman
Acting Executive Officer

Reviewed by
DMEA OPERATING COMMITTEE
10-19-56
(date)

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
OCT 15 1956
DMEA
DEPARTMENT OF THE INTERIOR

Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

OCT 10 1956
REGION III
DENVER, COLORADO

TRANSMITTED
OCT 11 1956

October 10, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: E. N. Harshman

Subject: DMEA Docket 4265 (Uranium), Frank Wallick (Canary claims), Piute County, Utah

An examination of the subject property was made on July 31, 1956, by R. W. Osterstock, U. S. Geological Survey, and M. M. Gilkey, U. S. Bureau of Mines. The engineering report recommending denial of the application for exploration assistance was received in your office on September 13, 1956, where it has been held pending receipt of the geologic report.

As you know R. W. Osterstock resigned from the Survey on August 25, 1956. On at least four occasions, both prior to his resignation and, subsequent to it, I was assured by Osterstock that he needed no assistance in preparation of the reports and that they would be transmitted immediately. The latest "firm" date for receipt of the drafts of the reports in Denver was October 3, 1956. An attempt to contact Osterstock today found him out of town.

Reviewed by
DMEA OPERATING COMMITTEE
10-19-56
(date)

In view of the considerable time since the field examination and the unreliability of completion dates given by Gaterstock, I suggest that the engineering report on the subject property be transmitted immediately to Washington. I have been assured by Wilson that Gaterstock concurs with the conclusions and recommendations made in the engineering report; I concur also. The engineering report should suffice for final action by the Washington DMEA staff.

E. N. Harshman

E. N. Harshman
Member, Field Team

ENHarshman:mp

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

TRANSMITTED
OCT 11 1956

DMEA
DEPARTMENT OF THE INTERIOR
SEP 13 1956
REGION III
DENVER, COLORADO

September 11, 1956

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA 4265 (Uranium), Frank Mallick (Canary claims), Piute County, Utah

Enclosed are an original and 10 copies of an engineering report pertaining to examination of the Mallick property, Piute County, Utah. The report was prepared by M. M. Gilkey. Also included is a copy of the brochure transmitted to this office by John F. Shaw.

The applicant has requested Government assistance in an exploratory project estimated to cost $15,100. Work requested by the applicant consists principally of 500 feet of drifting to explore the mineralized area. Work completed to date consists of excavation of three shallow pits on one of the 17 lode mining claims owned by the applicant. Uranium mineralization is associated with diorite porphyry and porphyritic andesite. The mineralization occurs in a bleached and altered fault zone. Samples obtained from the pits by the examining engineer assayed 0.005 percent and 0.046 percent U_3O_8 respectively.

The examining engineer believes that work proposed by the applicant does not warrant Government participation. The uranium mineralization is too weak and erratically distributed to indicate a deposit of possible commercial significance. The examining engineer recommends that the requested loan be denied. I am in accord with the recommendation.

The application and the Mallick property were discussed with Dudley Davis of the Salt Lake Office of the AEC.

Stephen R. Wilson
Stephen R. Wilson

Enclosures

cc: W. H. King
J. E. Clemmer

Reviewed by
DMEA OPERATING COMMITTEE
10-19-56
(date)

FOR UNITED STATES GOVERNMENT USE ONLY

TRANSMITTED

OCT 11 1956

FRANK NALLICK
CANARY CLAIMS
PIUTE COUNTY, UTAH
DMEA-4265
Uranium

Engineering Report

By M. M. Gilkey
Mining Engineer
Bureau of Mines

September 11, 1956

10-19-56

FRANK NALLICK
CANARY CLAIMS
PIUTE COUNTY, UTAH

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Proposed exploration and costs	7
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ILLUSTRATIONS

Fig. 1 Location map, Frank Nallick, Canary claims, Piute County, Utah
Fig. 2 Claim map
Fig. 3 Geologic sketch map of workings on Canary No. 15 claim

SUMMARY

Frank Nallick has applied for Government assistance in an exploratory project on the Canary uranium claims in the Tushar Range northwest of Marysvale, Utah. Estimated cost of the program is $15,100. The property was examined by DMEA personnel July 31, 1956.

The property involved in the proposed project consists of 17 unpatented lode claims situated in a timbered area in Deer Creek Canyon, at an altitude of 8,500 feet.

Present workings consist of three prospect pits on the Canary No. 15 claim. There has been no production and no ore reserves are known.

Weak uranium mineralization of unidentified type is present in two of the pits. The host rocks are tentatively identified as diorite porphyry and porphyritic andesite. Structural relationship of the rock masses has not been determined. The uraniferous material, shattered by faulting, is bleached and altered. There are no nearby outcrops of sedimentary rocks.

Samples of the most radioactive material in each of the mineralized pits assayed 0.005 percent and 0.046 percent U_3O_8, respectively.

The applicant proposes a program involving 500 feet of drifting and crosscutting to explore the surface showings at depth. Overall estimated cost of the exploration is about $30 a foot, which is not excessive.

From an engineering standpoint the program is feasible. From a geologic point of view, however, the proposed work does not seem to be warranted; the mineralization is weak and appears to be confined to small areas erratically distributed.

It is recommended that the applicant's request for Government assistance be denied. Dudley Davis of the Salt Lake office of the AEC concurs in this recommendation.

INTRODUCTION

Frank Nallick submitted an application dated April 19, 1956, for Government aid in an exploratory project on uranium property situated northwest of Marysvale in Piute County, Utah.

An examination of the property was made July 31, 1956, by R. W. Osterstock of the Geological Survey and M. M. Gilkey of the Bureau of Mines. The applicant, Frank Nallick, accompanied the examining team.

The applicant proposes an underground exploratory program estimated to cost $15,100. Time to complete the work is estimated at 6 months.

LOCATION

The Frank Nallick property is located 10.7 miles by road northwest of Marysvale, Piute County, Utah, in secs. 4, 5, 8, and 9, T. 27 S., R. 4-1/2 W., S.L.B. and M. (fig. 1).

The uranium receiving station for the area is situated at Marysvale.

The property is reached from Marysvale by driving north on highway U. S. 89 to Hoover's Cafe, thence to the left (west) on an unimproved dirt road up Deer Creek a distance of 2.6 miles, thence to the left and continuing along Deer Creek 3.4 miles to Nallick's claims.

TOPOGRAPHY AND CLIMATE

The Canary claims lie on both the north and south sides of V-shaped Deer Creek Canyon (fig. 2). The creek flows eastward from the high Tushar Range into the north-flowing Sevier River. Altitude at the bottom of

the canyon in the claim area is approximately 8,500 feet. Higher altitudes in the immediate vicinity range to 10,000 feet. The steep canyon slopes are covered by heavy growths of spruce, pine, quaking aspen, cedar, and scrub oak.

Water for project use may be obtained from the creek.

Winter operation of a project would be considerably hampered by 3 to 4 feet of snow. Favorable weather conditions prevail from about May 15 to November 15.

OWNERSHIP AND EXTENT

Property included in the proposed project area consists of 17 contiguous unpatented lode mining claims, the Canary numbers 2 through 18 (fig. 2). The claims are owned by the applicant, Frank Nallick, P. O. Box 73, Marysvale, Utah.

The claims are recorded at Junction, Utah, county seat of Piute County.

MINE WORKINGS

Present workings on the property consist of three shallow surface pits on the Canary No. 15 claim.

GENERAL GEOLOGY

General geology of the Tushar Range included in this section is taken from U. S. Geological Survey Professional Paper 111, Ore Deposits of Utah, by B. S. Butler, et al., 1920.

The Tushar Range consists of a long, narrow block bounded on the east and west by great faults. Although the main outline of the range

is due to structural breaks and dislocations, most of the details are the result of erosion which has dissected the great tabular mass, forming the range into spurs and canyons. In the higher parts of the range, cirquelike valleys and morainal deposits are evidence of glaciation.

Exposed rocks of the range are largely extrusive igneous rocks. The basement on which the extrusive rocks rest is exposed in relatively few places. Wherever exposed it is seen to be composed of sedimentary rocks--mainly limestones and quartzitic sandstones, with some shaly sediments. Age of the sedimentary rocks is thought to be Jurassic. Character of the volcanic rocks varies from massive, porphyritic flows, to extensive beds of fine, stratified tuffs, interstratified with beds of volcanic debris accumulated from the earlier flows by erosion between eruptions. Types of extrusive rocks present include dacite, rhyolite, basalt, and possibly andesite.

Intrusive rocks observed in the range are of relatively slight areal extent, although numerous dikes are present in various parts of the district. Both the sedimentary and volcanic rocks are cut by dikes. Most of the dike rocks are fine grained and porphyritic, and closely resemble the porphyritic lavas, from which they are not readily distinguished.

In the area of the proposed project, exposed rocks in place are tentatively identified as diorite porphyry and porphyritic andesite (fig. 3). Both types are fractured, bleached, and altered, where exposed in the prospect pits. The shape, extent, and attitude of the rock masses are not apparent from available information.

Radioactivity above background is present on the Canary No. 15 claim, in pits numbers 1 and 3. The examining team cut one sample from the area of strongest radioactivity in each pit. Assays of these samples are as follows:

	eU_3O_8, percent	U_3O_8, percent
1. Pit No. 1, 10 feet below surface, sample length 1.0 feet	0.01	0.005
2. Pit No. 3, 12 feet below surface, sample length 2.0 feet	0.05	0.046

The higher grade assay represents 2 feet of highly altered diorite porphyry, in a northwesterly striking, southwesterly dipping fault zone exposed in pit No. 3. The abnormal radioactivity does not extend beyond the 2 feet in thickness included in the sample.

A state of equilibrium is indicated by the approximate agreement of the chemical with radiometric results. Uranium minerals present have not been identified. There are no other known significant occurrences of uranium on the applicant's claims.

PRODUCTION AND ORE RESERVES

No ore has been produced from the Frank Nallick property and there are no known ore reserves.

The nearest known commercial deposits of uranium are approximately 6 miles to the east, in the Antelope Range ("Marysvale" district).

PROPOSED EXPLORATION AND COSTS

Time to complete the project is estimated at 6 months. Exploration proposed and costs estimated by the applicant are as follows:

	Estimated Cost
Drifting, 5' x 7' in cross section, 500 feet at $25 per foot	$12,500
Bulldozing, D7 Caterpillar, 20 hours at $10 per hour	200
Supervision and technical services	1,000
Operating equipment (pickup truck) rental for 6 months at $100 per month	600
Supplies (gas and oil for truck), 6 months at $50 per month	300
New building for shelter and storage	500
Total estimated cost of proposed project	$15,100

Overall estimated cost of the proposed 500 feet of drifting is approximately $30 a foot, which is considered reasonable.

An adit to intersect at depth the fault zone exposed in pit No. 1 is proposed by the applicant (fig. 3). Elevation of the adit portal is about 125 feet above the creek. The adit would be driven approximately 150 feet northwest to gain a depth of 75 feet under pit No. 1. The remaining 350 feet of drifting and/or crosscutting would be contingent on the results of preceding work.

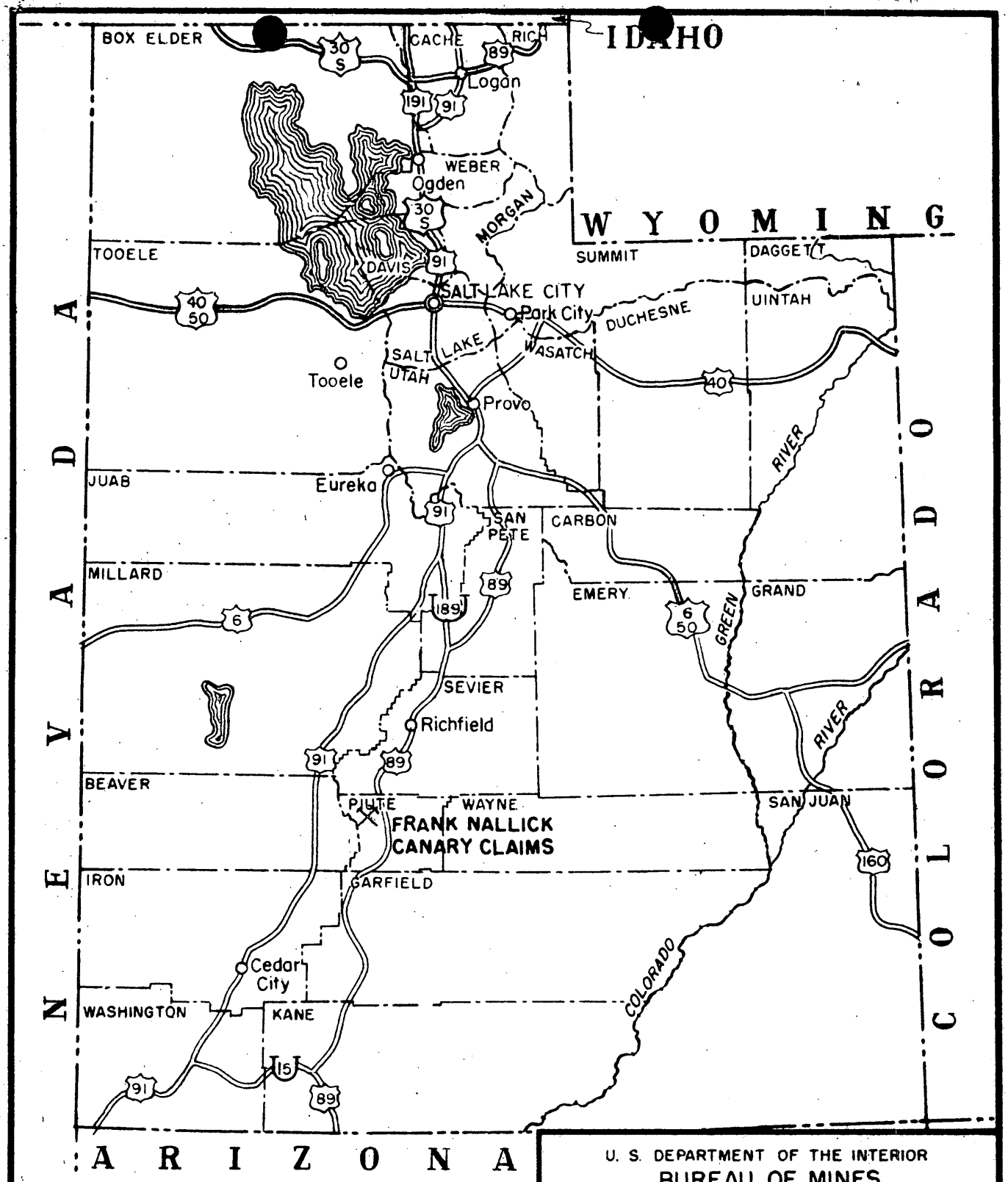
Ground conditions are expected to average fairly good; it is estimated that one-half of the drifting and crosscutting would be in ground requiring supporting timber. Completion of the project in the estimated 6 months is possible, but would require, on a single-shift, 6-day-a-week basis, an average of about 3.2 feet a day.

No changes in the proposed program were suggested to the applicant inasmuch as no exploration seems warranted.

CONCLUSIONS AND RECOMMENDATIONS

Weak uranium mineralization is present on the Canary No. 15 claim in two shallow surface pits. The igneous host rocks exposed in the pits are bleached and altered as a result of faulting. Insufficient geologic information is available to determine the shape and attitude of the igneous bodies, or the extent of the fault zone.

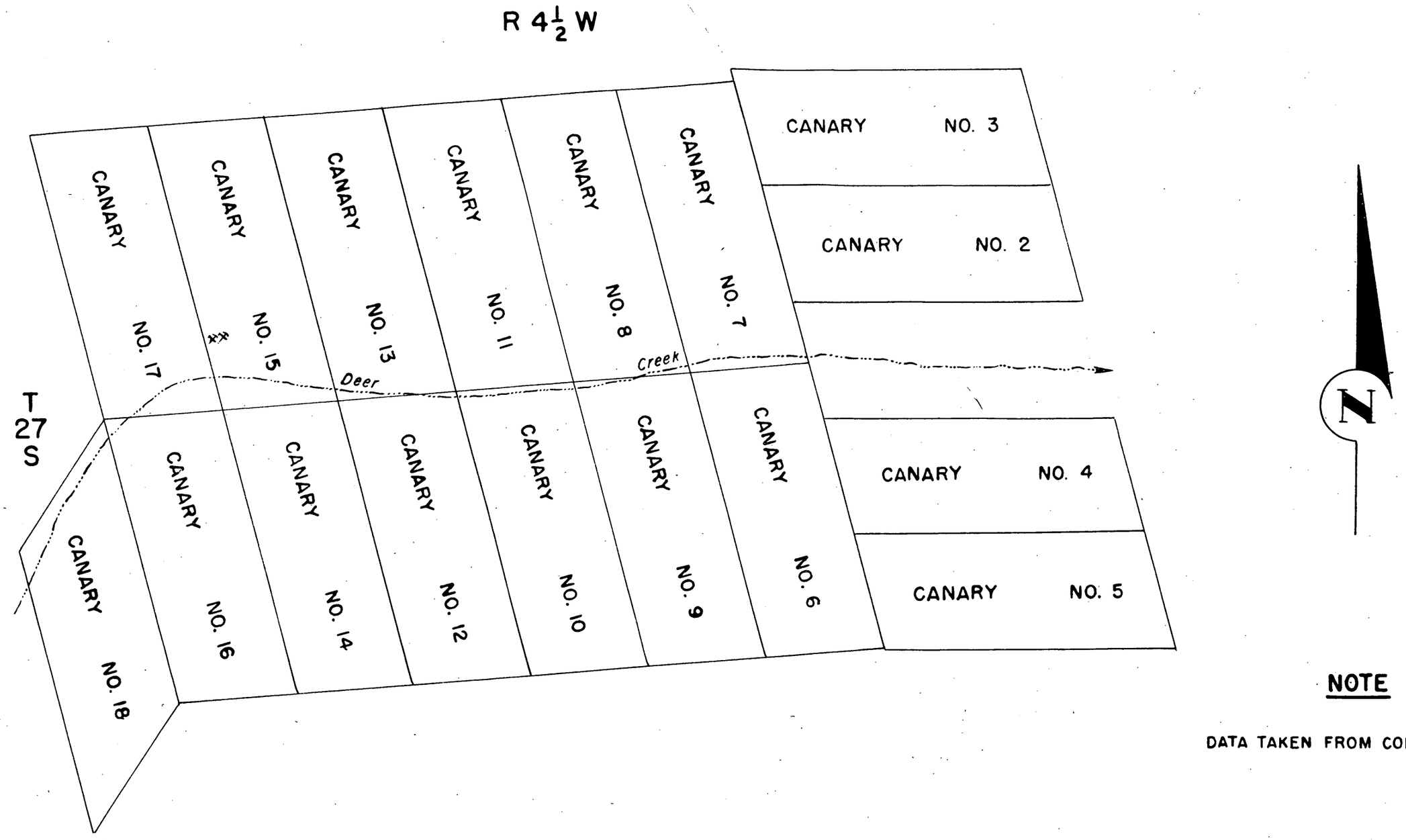
Assays of samples of the most radioactive material show a uranium content too low to justify an exploratory project. It is recommended that the applicant's request for Government aid be denied.



U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 1 DMEA Docket No. 4265
Location Map
FRANK NALLICK-CANARY CLAIMS
PIUTE COUNTY, UTAH

ENGINEER: *Millard M. GILKEY*	DATE: SEP. 4, 1956
TRACED: SEP., 1956; A.P.T.S.	1900-411-G
CHECKED:	



NOTE

DATA TAKEN FROM COMPANY MAP.

0 600 1200 1800
SCALE OF FEET

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 2 DMEA Docket No. 4265

Claim Map

FRANK NALLICK-CANARY CLAIMS

PIUTE COUNTY, UTAH

ENGINEER: *Millard M. GILKEY*	DATE: SEP. 4, 1956
DRAWN: SEP., 1956; A.P.T.S.	1900 - 412 - F
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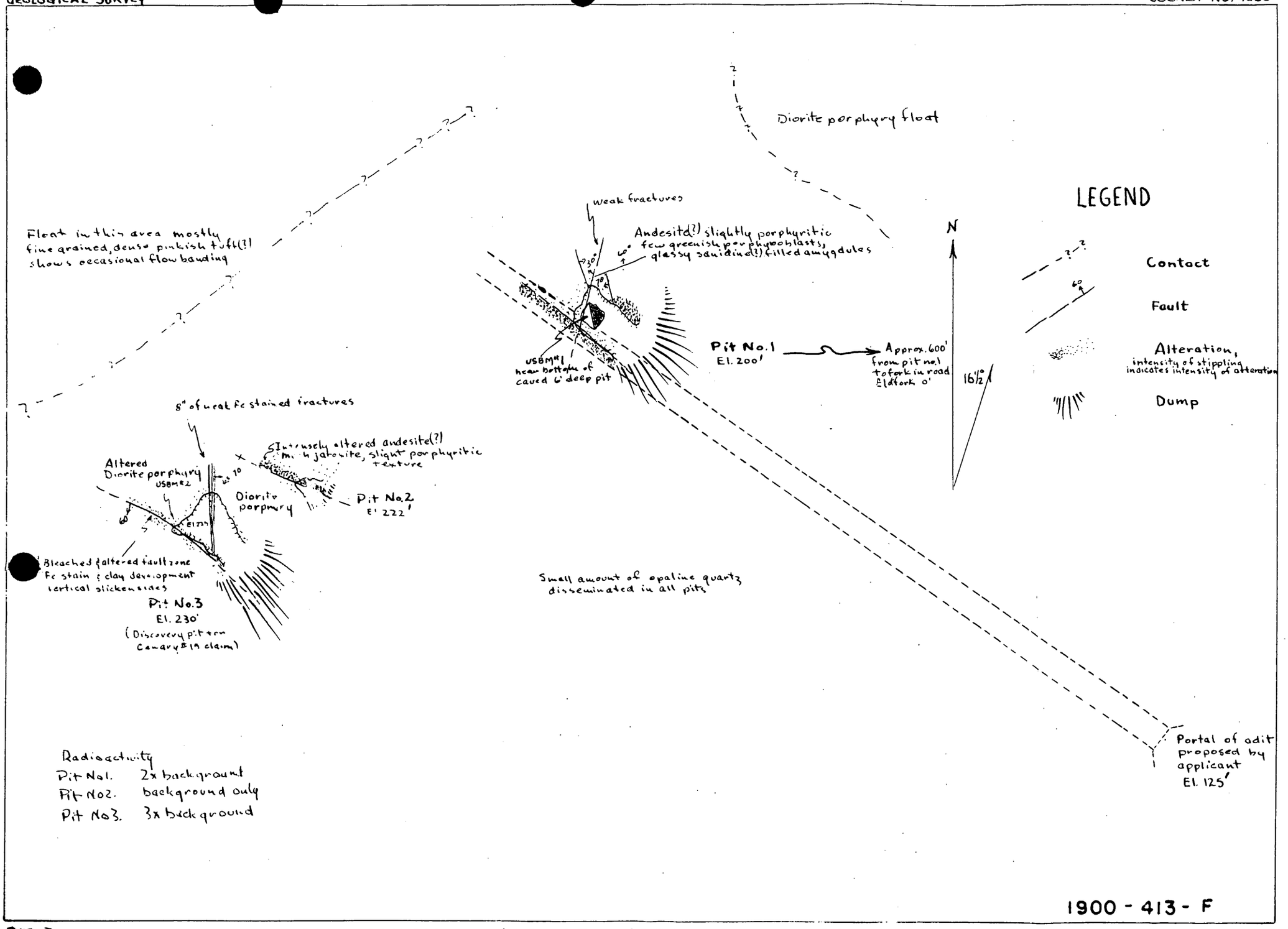


FIG. 3

GEOLOGIC SKETCH MAP OF WORKINGS ON CANARY NO. 15 CLAIM
NALLICK PROSPECT, MARYSVALE, PIUTE COUNTY, UTAH

Scale
0 10 20 40 ft.

April 25, 1956
Subject: DMEA-4265
Re: Exploration Assistance
Canary Claims

Mr. Frank Nallick
Box 73
Marysvale, Utah

Dear Mr. Nallick:

The receipt of your application dated April 19, 1956, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4265 and referred to the Rare & Misc. Metals Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

April 25, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

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 III.

DMEA - 4265 Frank Nallick

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

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

RECEIVED
APR 25 1956

April 23, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Field Team, Region III

Subject: Application for DMEA Aid, (Uranium), Frank Nallick, (Canary claims), Piute County, Utah

Enclosed are three copies of the subject application in the amount of $15,100.00. One copy of the application is being retained in our files.

DMEA Field Team, Region III

By W. M. Traver
Executive Officer

Enclosures

7-13-56

RECEIVED
JUL 12 1956

DMEA
Date Rec'd.

JUL 10 1956

BUREAU OF MINES
Denver, Colorado

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
July 9, 1956

Memorandum

To: W. M. Traver, Executive Officer, DMEA Field Team, Reg. III

From: Superintendent, Denver Experiment Station, Reg. III

Subject: Docket DMEA 4265 (Uranium) Frank Nallick (Canary claims) Piute County, Utah

The application for Frank Nallick (Canary claims) DMEA 4265, in the amount of $15,100.00, was received in this office on July 9.

A field examination will be made and a suitable report prepared by an engineer from the Salt Lake Office.

JOHN F. SHAW

John F. Shaw

cc: W. M. Traver
Osterstock
Harshman
Sec. Op. Con. (2)

July 6, 1956

25th New Customhouse
Denver 2, Colorado

Memorandum

To: J. F. Shaw (2) (With brochure)
H. W. Osterstock

From: Field Team, Region III

Subject: Docket DMEA 4265 (Uranium) Frank Halliek (Canary claims), Piute County, Utah

Enclosed is a copy of the subject application in the amount of $15,100.00. A field examination and suitable covering report are required.

In addition, there are enclosed the Chairman's transmittal letter of July 2, 1956 and memoranda of review from H. E. Malsom, USGS, and J. E. Crawford, USBM, covering the application. Also a copy of a letter dated May 4, 1956 from E. W. Ellis to the Applicant and one copy of his reply with sketch are attached only to the brochure.

It is possible that the only way to ascertain if the access road and dozer cuts mentioned in the application and referred to in the Chairman's letter are completed will be by the field examination.

DMEA Field Team, Region III

W. M. TRAVER,

By W. M. Traver
Executive Officer

Enclosures

WMT:ab

cc: Chair. Op. Comm. (2)
Docket 4265 (w/copy of material)
Berchman
Chron.

JUL 9 - 1956

700

FILE COPY
Surname:

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

JUL 2 - 1958

Mr. Frank Mallick
Pines Motel
Box No. 73
Marysvale, Utah

Re: Docket No. DMEA-4265 (Uranium)
Canary Claims
Piute County, Utah

Dear Mr. Mallick:

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

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

G. O. Mittendorf

Administrator

FMMurphy/izm 6-29-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Region III (2)

R.C.

700

FILE COPY
Surname:
Murphy
Selfridge

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

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

JUL 2 - 1956

Re: Docket No. DMEA-4265 (Uranium)
Frank Mallick
Canary Claims
Piute County, Utah

Dear Mr. Traver:

The captioned application is referred to Region III Field Team for investigation, a field examination if deemed advisable, and recommendation.

Enclosed are copies of memoranda, dated June 12 and 27, 1956, by N. E. Nelson, USGS, and J. E. Crawford, USBM, respectively, relating to the application. Also enclosed are two copies each of a claim map showing the rock formations and a cross-section sketch together with answers to some of the questions raised in Mr. Ellis' letter of May 4, 1956.

It is possible that the access road and the dozer cuts mentioned in the application are completed, in which case a field examination might be advisable.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Enclosures

APPROVED:

P. F. Yopes
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

FMMurphy/izm 6-29-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
Operating Committee
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

6-8-56

DMEA 4265
Canary Claims

I

B.- The vein has not been located as yet. The fissures run in a northerly and southerly direction. Believe a fault in Dove Creek.

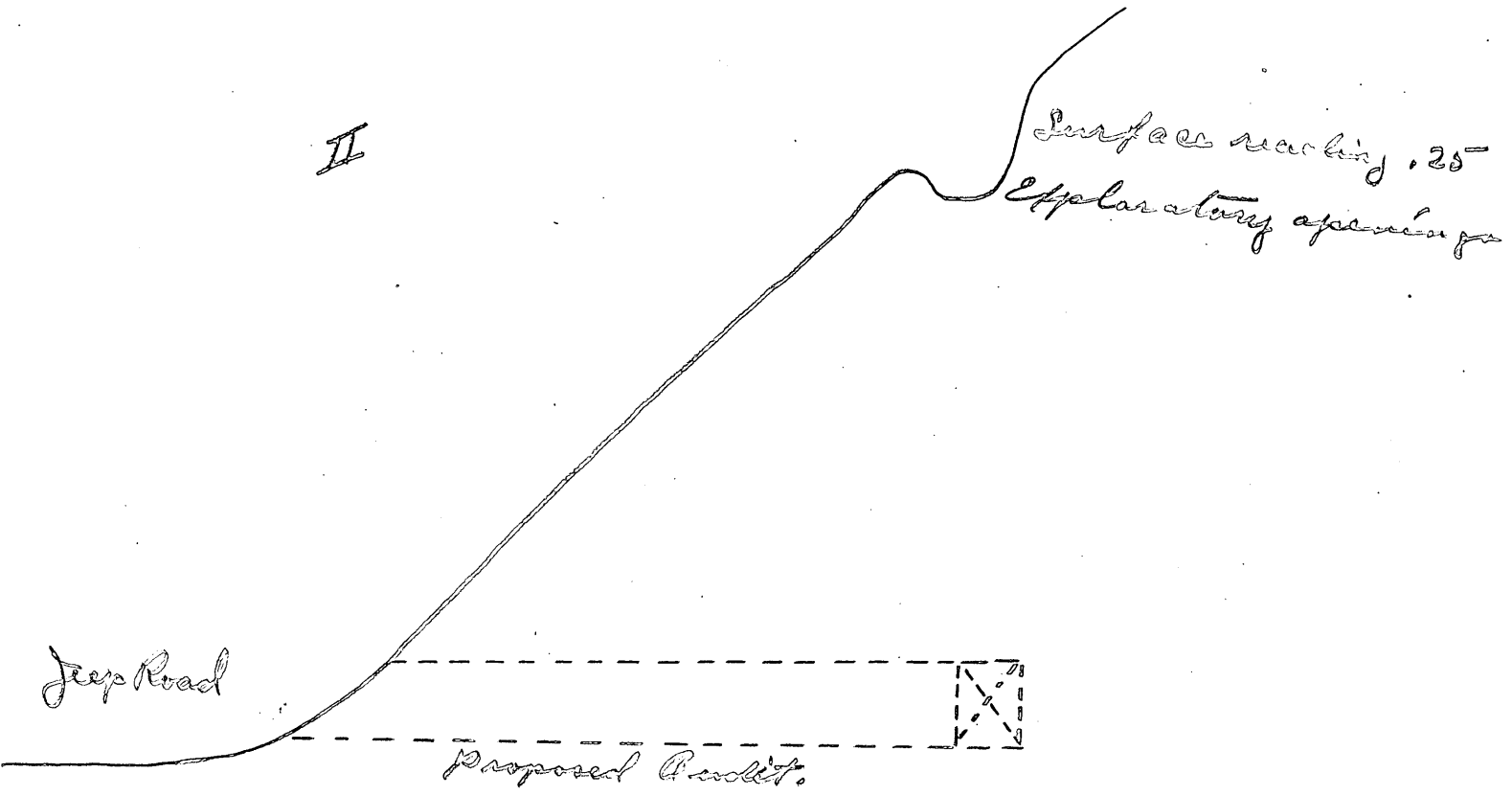
D.- Assays were .04 to .08 from exploratory openings which are about 12 ft. deep. Some outcroping taken from same openings. Readings in strike length read .03 to .25 on scintillator.

E. Proposed work to come in under exploratory openings in fissure and cross cut as and as was proposed by government geologist.

This information is to the best of my knowledge.

Frank Wallick

II



700

FILE COPY
Surname:

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

Mr. Frank Nallick
Pines Hotel
Box No. 73
Marysvale, Utah

1956

Re: Docket No. DMEA-4265 (Uranium)
Canary Claims
Piute County, Utah

Dear Mr. Nallick:

A review of the above-docketed application for Government aid in an exploration project discloses that it lacks essential information which would enable us to judge the merits of the proposed work, namely:

1. A plan map or sketch showing the subject claims with their individual number. On this map the following should be indicated:

   a. The surface contact lines of the rock formations.
   b. The location, strike length, and dip of the vein deposit.
   c. The location of any exploratory openings on the property.
   d. The location and assay results of any samples taken.
   e. The location of the proposed workings.

2. A cross-section or profile map or sketch showing the vein with approximate elevations of the surface and the proposed adit.

All of the above information should be submitted in quadruplicate.

We will hold the application in abeyance for a reasonable length of time in order that you may submit the above-requested information. If you anticipate that it will require more than a month to compile this information, kindly advise this office the approximate date we may expect to receive it.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/izm 5/3/56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Region III (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm 5224
JOHosted, Rm. 3210, GSA

5-2-56

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

May 1, 1956

Memorandum

To: Ernest William Ellis, DMEA Docket
Uranium Commodity Committee

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

Subject: Application for Assistance, DMEA Docket 4265, Frank Nallick, Box 73, Marysvale, Piute County, Utah

I have reviewed the attached application, DMEA Docket 4265, Frank Nallick, Box #73, Marysvale, Piute County, Utah, dated April 19, 1956 and received in this office April 25, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

Inasmuch as the applicant did not provide sufficient information about the prospect to allow a thorough evaluation of the property, we suggest that his request for assistance be denied, or that he be required to supply more data to the DMEA.

John E Crawford
John E. Crawford

Attachment

RECEIVED
MAY 2 - 1956

6/28/56

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

RECEIVED
JUN 28 1956

June 27, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

Subject: Application - Supplemental Information, DMEA Docket 4265, Frank Nallick, Box 73, Marysvale, Piute County, Utah

I have reviewed the attached application, DMEA Docket 4265, Franc Nallick, Box 73, Marysvale, Piute County, Utah, dated April 19 and received in this office June 11, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The supplemental information adds little supporting justification for an exploration project on the subject claims.

It is recommended that the application be referred to the Field Team for appropriate action. From the information available for review, it is doubtful that a field examination is warranted.

John E Crawford
John E. Crawford

Attachment

6-13-56

IN REPLY REFER TO:

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

RECEIVED
JUN 12 1956

June 12, 1956

Re: DMEA 4265
Frank Nallick
Canary claims
Piute Co., Utah
$15,100.00 - Uranium

Memorandum

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

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

Subject: Review of application.

The applicant requested assistance in exploring by tunnel a vein not yet located but which, apparently, has "thrown" some material, taken from exploratory cuts, that assays from 0.04 to 0.08% U_3O_8. Scintillometer readings of from 0.03 to 0.25 (MR/Hr ?) have been had on strike.

The applicant probably lacks experience in prospecting and estimating cost of drifting.

Referral of the application to the Field Team for appropriate action, perhaps a field examination, is recommended.

N. E. Nelson

N. E. Nelson

4/25/56 Crawford

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
APR 23 1956
BUREAU OF MINES
Denver, Colorado

APR 23 1956

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

Not to be filled in by applicant

Docket No. DMEA-4265
Metal or Mineral Uranium
Date Received 4-25-56
Estimated Cost $15,100.00
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:

Frank Nallick
Box # 73 Marysvale, Utah (Pines Hotel)

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

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

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

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

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

Canary Claims # 2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,
Section 4,5,8,9. T27S - R4½W Piute County, Utah
Book G Pages 598,599,600,601,602,603,604,605,606,607,608,609.

(*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 Owner

(*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. None

(*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 6 months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated April 19, 6, 195

Frank Nallick
(Applicant)

By Frank F. Nallick
Box #73
Marysvale, Utah

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

Accompanying paper to answers.
Application for D.M.E.A. Aid

Frank Nallick
Box # 73 Marysvale, Utah
(Place Hotel)

RECEIVED
APR 25 1956

4.
A. Have put in a couple of discovery holes.
Road should be in by the first of May 1956.
Plan on having the cat make some cuts at the same time.
B. None
C. A slightly altered igneous rock. Vein deposit.
D. Road should be in by May 1st. 1956.
The ore would go to Marysvale, Utah which is about ten miles from project. Supplys would come from Marysvale which is ten miles or Richfield which is thirty miles.
Residence would be Marysvale, Utah.
E. Availability of manpower would be Marysvale and surrounding area. Material and supplys would come from Marysvale and Richfield which is good. Later on the land now.
We would have to generate our own power.

5.
A. Plan on driving a tunnel of about three hundred feet in fissure and cross cuting.
B. The experience I've had is two years of prospecting and have have done some tunneling and incline work. Work to be supervised by Irv Walters who is superintendent for V.C.A. Marysvale.

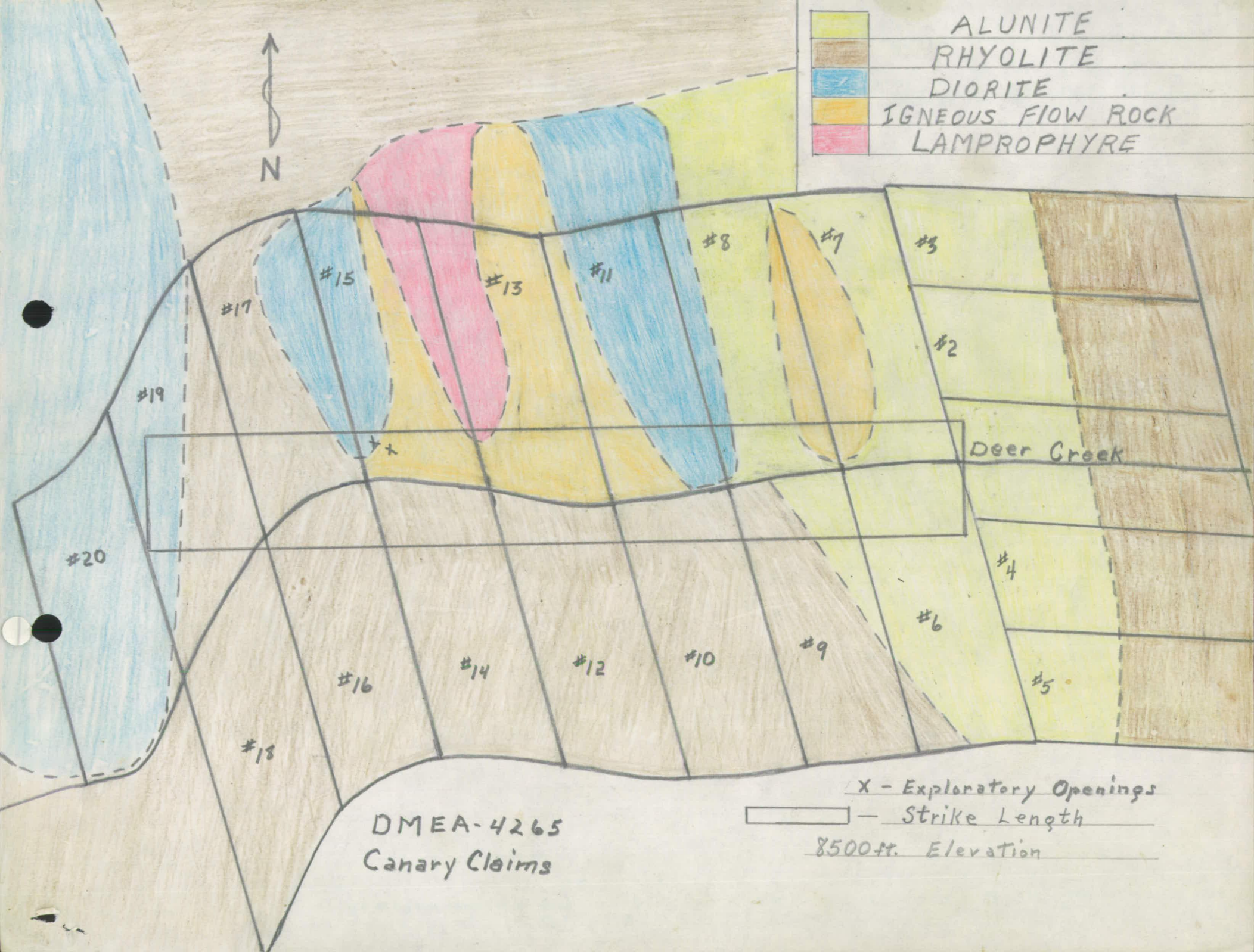
6.

A.	Five hundred feet of drifting at ($25.00/ft.	$12,500.
	Twenty hr. of bulldozer operation 10.00/hr.	200.
B.	Supervision, engineering and geo. consultant.	1,000.
C.	Gas and oil for truck. ($50./month	300.
D.	Owner to furnish 55 Willys pickup at a rental of ($100./month.	600.
E.	None.	
F.	New building to be used for shelter and storage of tools and material for project.	500.
G.	Analytical work (dont know)	
H.	None	

7.
A. Yes.
B. I am willing to work on project at miners pay do the assessment and other backwork. Furnish 55 Willys pickup truck and pay any difference.

April 19, 1956

By Frank Nallick
Box #73
Marysvale, Utah


ALUNITE
RHYOLITE
DIORITE
IGNEOUS FLOW ROCK
LAMPROPHYRE
N
#1
#2
#3
#4
#5
#6
#7
#8
#9
#10
#11
#12
#13
#14
#15
#16
#17
#18
#19
#20
Deer Creek
X - Exploratory Openings
— Strike Length
8500 ft. Elevation
DMEA-4265
Canary Claims