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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 - 1954

224 New Customhouse
Denver 2, Colorado

October 28, 1954

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region lV

Subject: Docket Number DMEA 3439
Joe I. Morrison
San Juan County, Utah

Reference is made to the Field Team's letter dated September 20, 1954, addressed to Joe I. Morrison notifying him that Docket Number DMEA 3439 would be closed if we did not receive additional information within 30 days.

The applicant has not contacted this office or any of the field offices; therefore, we have closed the docket.

W H King
W. H. King

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
OCT 25 1954

224 New Customhouse
Denver 2, Colorado

October 22, 1954

Memorandum

To: A. Brokaw

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket Number DMEA 3439
Joe I. Morrison
San Juan County, Utah

Reference is made to the letter dated September 20, 1954, from the Field Team to Joe I. Morrison in which the applicant was given 30 days to submit additional information.

Please advise us if Mr. Morrison has contacted your office; if not we will consider the docket closed.

W. H. King

JFS:mn

cc: Docket
W.M.Traver
A.H.Koschmann
Sec. to the Oper. Comm. (2)
Chron.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 25 1954

224 New Customhouse
Denver 2, Colorado

October 22, 1954

Memorandum

To: A. Brokaw

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket Number DMEA 3439
Joe I. Morrison
San Juan County, Utah

Reference is made to the letter dated September 20, 1954, from the Field Team to Joe I. Morrison in which the applicant was given 30 days to submit additional information.

Please advise us if Mr. Morrison has contacted your office; if not we will consider the docket closed.

W. H. King

W. H. King

JFS:mn

cc: Docket
W.M.Traver
A.H.Koschmann
Sec. to the Oper. Comm. (2)
Chron.

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

Defense Minerals Administration
RECEIVED
SEP 23 1954

224 New Customhouse
Denver 2, Colorado

September 20, 1954

Mr. Joe I. Morrison
Blanding,
Utah

Dear Mr. Morrison:

Reference is made to a letter dated September 7, 1954, from Arnold L. Brokaw, District Supervisor, Colorado Plateau District, U. S. Geological Survey. Mr. Brokaw requested additional information concerning your application for exploration assistance, Docket DMEA 3439.

To date we have not received any of this additional information. If we do not hear from you within 30 days, we will assume that you are no longer interested in exploration assistance and your docket will be closed.

Yours very truly,

W H King
W. H. King
Executive Officer
DMEA Field Team, Region IV

A. H. Koschmann
A. H. Koschmann

JFS/mlb
cc: Docket (DMEA 3439)
Chairman, Oper. Comm. (2)
AHKoschmann
WMTraver
ABrokaw

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

Defense Minerals Administration
RECEIVED
SEP 23 1954

224 New Customhouse
Denver 2, Colorado

September 20, 1954

Mr. Joe I. Morrison
Blanding,
Utah

Dear Mr. Morrison:

Reference is made to a letter dated September 7, 1954, from Arnold L. Brokaw, District Supervisor, Colorado Plateau District, U. S. Geological Survey. Mr. Brokaw requested additional information concerning your application for exploration assistance, Docket DMEA 3439.

To date we have not received any of this additional information. If we do not hear from you within 30 days, we will assume that you are no longer interested in exploration assistance and your docket will be closed.

Yours very truly,

W H King

W. H. King
Executive Officer
DMEA Field Team, Region IV

A. H. Koschmann

A. H. Koschmann

JFS/mlb
cc: Docket (DMEA 3439)
Chairman, Oper. Comm. (2)
AHKoschmann
WMTraver
ABrokaw

8-17-54
G.C.

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

224 New Customhouse
Denver 2, Colorado

August 11, 1954

DMEA
3439

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Application - Joe I. Morrison, San Juan County, Utah (Uranium)

The Field Team requested the field office to obtain the results of the AEC drilling in the vicinity of the applicant's claim before making a formal field examination.

For your information we are enclosing a copy of a memorandum from W. P. Williams, Supervising Geologist, Colorado Plateau District.

This application has not been assigned a docket number.

W. H. King

W. H. King

Enclosure

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

stonhouse
, Colorado

August 11, 1954

orandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Application - Joe I. Morrison, San Juan County, Utah (Uranium)

The Field Team requested the field office to obtain the results of the AEC drilling in the vicinity of the applicant's claim before making a formal field examination.

For your information we are enclosing a copy of a memorandum from W. P. Williams, Supervising Geologist, Colorado Plateau District.

This application has not been assigned a docket number.

W. H. King

Enclosure

COPY

Colorado Plateau District
Grand Junction, Colo.
P.O. Box 360

August 10, 1954

Memorandum

To: A. H. Koschmann, DMEA Field Team, Region IV

From: W. P. Williams

Subject: DMEA application of Joe I. Morrison (Uranium)
San Juan County, Utah

In accordance with instructions in a memorandum to me dated August 3, 1954, concerning the subject DMEA application, I have communicated with the Atomic Energy Commission here in Grand Junction with regard to AEC drilling in the vicinity of the applicant's claims in order to evaluate the application before a formal field examination is made. The AEC states verbally that drilling is in progress near the applicant's claims and that they will provide me with results of the drilling in about two weeks from this date. Some time will be required, the Commission tells me, to compile and evaluate the results of the drilling to date.

Any information I receive from the Commission concerning their drilling program near the subject property will be forwarded to you immediately.

W. P. Williams
Geologist

WPW/mlr

cc: CPD file
CPD reading
DMEA reading
W. H. King

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

224 New Customhouse
Denver 2, Colorado

August 6, 1954.

Memorandum

To: Administrator, Defense Minerals Exploration Administration,
Attention: Code 200

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docketing for Exploration Assistance

Enclosed herewith in duplicate is DMEA Form 3a and MF-103 and supporting data pertaining to the following applications for Government assistance in exploration work.

Colorado Mining Corp. (Copper-Molybdenum)
74 Trinity Place
New York, N. Y.

Joe I. Morrison (Uranium)
Blanding
Utah

John F. Shaw
For W. H. King

Enclosures

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. 3439
Metal or Mineral Uranium
Date Received
Estimated Cost $29,370
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: Joe I. Morrison
Blanding,
Utah

(*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 Twenty-nine claims located in Sections
San Juan County, Utah

(See attached tabulation of claims)

(*b*) State any mine name by which the property is known. None

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

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. See attached Lease. See attached application for Circular 7 Lease

(*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. See attached tabulation of claims

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. None

(*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. See report attached.

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

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

16—66551-1

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. See report attached

(*c*) The work will start within 5 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. See report attached

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.). See report attached

(*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. See report attached

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. Not applicable

(*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. Not applicable

(*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. Not applicable

(*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. None necessary

(*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. See report attached

(*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 [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper. See attached schedule of indicated cost of this exploration project

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 July 23, 1954

Joe D. Morrison
(Applicant)

By Engineers Associates, Inc.
per Charles H. Jetter

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

ENGINEERS ASSOCIATES, Incorporated
Post Office Box 118 411½ Main Street
Telephone 2499
GRAND JUNCTION, COLORADO

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

1.
(a) Name of Applicant and Address:

Joe I. Morrison Blanding, Utah

(b) Individual
(c) Not applicable
(d) Not applicable

Letter from Applicant
Book

3.
(a) Property rights:
29 Claims located in Sections 1 and 8, T 37 S, R 22 E, S. L. P. M.
San Juan County, Utah (See attached tabulation of claims)

(b) None
(c) Lessee
(d) See attached Lease. See attached application for Circular 7 Lease
(e) None
(f) See attached tabulation of claims

4.
(a) None
(b) None
(c) Geological features of property--

The claims under consideration in this application lie directly astride, what appears to be a strong, well-established uranium mineralized trend. This trend in the vicinity of Cottonwood Wash is believed to have a width of at least 3500 feet of commercial grade ore. This width being in a northerly-southerly direction. Based upon the producing mines within this trend (See attached map), this trend appears to have a general strike, bearing westerly-easterly. From the results of exploration drilling and lack of producing mines, the westerly end of this trend appears to be lacking in commercial uranium mineralization. Old Vanadium Corporation of America mines west of the Blanding Mines appear to be worked out and it is reported that exploration drilling, west of these particular mines failed to disclose sufficient ore to be considered commercial grade at the present time.

However, the easterly limits of this strong mineralized trend have not, as yet, been fully explored. At the present time the exploration drilling program now being conducted by the Atomic Energy Commission in Cottonwood Wash is proceeding in an easterly direction, towards the claims covered by this D.M.E.A. application. The claims in this application cover what appears to be the eastward continuation of the uranium mineralization in Cottonwood Wash. The area to be prospected under this project is not more than 8000 feet from the most easterly of the producing mines in Cottonwood Wash and not more than 5000 feet from the most easterly drill rig of the current Atomic Energy Commission exploration program.

Data concerning the results of the Atomic Energy Commission drilling is not available nor is information available concerning the possibility of the Atomic Energy Commission drilling continuing, in an eastward direction into the claims covered

by this application.

The lessee of the claims in this application is desirous of exploring an area that geologically appears to be a continuation of an exceptionally strong mineralized trend, running eastward from the producing mines in Cottonwood Wash. This eastward trend has not as yet been explored and the applicant in this exploration project is both, well qualified and willing to expend his money within the limits of his cash reserves, for such a campaign.

Geologically the area to be drilled appears to merit the proposed exploration and because of the strength of mineralization, large reserves, and high grade of the ore, where disclosed, it is reasonable to expect that the amount of the expenditures requested in this application will be repaid in full, from ore production, in a reasonably short time.

(d) The Atomic Energy Commission has constructed an access drill road to a point less than one mile from these claims (See attached claim map). A part of the expenditures in this Exploration Project, will consist of completing the above mentioned drill road to the claims in this project.

These claims will then be eight miles from Blanding, Utah, six miles of which is improved road.

The nearest rail shipping point is Durango, Colorado, a distance of one-hundred thirty-two miles.

The principal supply points are Blanding, Utah (8 miles), Durango, Colorado (132 miles), Moab, Utah (85 miles) and Grand Junction, Colorado (205miles).

The nearest residence point is Blanding, Utah, a distance of eight miles.

(e) Availability of Manpower -- Plentiful in Blanding, Utah (8 miles)

Availability of Materials and Supplies -- Limited in Monticello, Utah (28 miles). Plentiful in Durango, Colorado (132 miles) and Grand Junction, Colorado (205 miles).

Availability of Equipment -- Light equipment in Monticello, Utah. Increased amounts in Moab and Durango, and both light and heavy equipment available in Grand Junction, Colorado.

Limited amounts of drilling water are available in Cottonwood Canyon. Drinking water must be transported from the nearby town of Blanding.

Power must be generated by small diesel-electric plants. There are no public power facilities in the vicinity of these claims.

5. The exploration project--

(a) Uranium is the mineral that is proposed to be explored by this application.

(b) It is proposed in this exploration program to drill a series of diamond drill holes, on certain of these claims, in such a manner that what is believed to be a strong mineralized trend, may be adequately prospected. (See attached drilling plan map)

(c) The work will commence within one week after this loan is granted and should be completed within six months time, weather and/or other unforseen conditions permitting.

(d) The supervision of the actual drilling in the field will be done by the applicant, Mr. Joe I. Morrison. Mr. Morrison is well qualified for this supervision having operated producing uranium mines for nearly three years. He operated a lease on Polar Mesa, as Lessee from United States Vanadium Corporation, from January 1, 1952 to December 31, 1953. During this interval he mined and shipped to the United States Vanadium mill at Uravan, slightly more than 8400 tons of uranium ore.

Since March 1, 1954, he has sucessfully operated a producing uranium mine in Cottonwood Canyon, Utah, producing approximately 1750 tons of ore averaging 0.30% U_3O_8 and 2.25% V_2O_5.

6. Estimate of Costs--

(a) Independent Contracts. (Drilling) It is proposed that the diamond drilling, under this application, be done by a recognized drilling contractor. Several proposals have been received, the lowest of which appears to be from Johnson & Youvan of Naturita, Colorado. Following are the prices quoted by this Company:

Non-Core Drilling	0-300 feet	$1.90 per foot
Core Drilling	0.100 feet	2.25 per foot
	1-200 feet	2.50 per foot
	2-400 feet	3.50 per foot

Standby Time $12.00 per hours

Bulldozer Work. Not more than one mile of access and drill road will have to be constructed. A qualified contractor in Blanding, Utah, has quoted a price of $10.00 per hour, using a D-7 Cat. The total amount to be spent for bulldozing should not exceed $500.00. (10 hours per day @ $10.00 per hour--5 days)

(b) All labor costs will be the responsibility of the independent contractors, (drilling, water haulage and bulldozing).

Field Supervision by applicant will be at the rate of $600.00 per month.

Geological and Engineering Consultants will be Engineers Associates, Inc. of Grand Junction, Colorado. This work will consist of two days in the field laying out initial drill sites, then one day per week to check and log cores, verify drilling footages, relocate drill sites if indicated, plus two days per month writing reports to verify expenditures and results of drilling. The total cost of this consultant work, including transportation and expenses in the field should not exceed $650.00 per month.

(c) Not applicable.

(d) Not applicable

(e) Not applicable

(f) None necessary

(g) Miscellaneous. Only sampling of drill cores will be necessary under this heading. Accounting will be handled by Engineers Associates, Inc., and Mr. Joe I. Morrison. Time and expense for this work is included in (6 b) above.

Analytical work is problematical, since it is dependent upon the results of the drilling. The cost of this work is therefore included in the next item--Contingencies.

(h) Contingencies.

A gross amount of ten per cent is calculated under this item to take care of analytical work, standby time of drill rigs and other unforeseen expenses.

7.

(a) The applicant of this loan is willing and able to pay his share of the proposed project in accordance with the regulations on Government participation (Sec. 7, D.M.E.A. No. 1).

(b) Money. (See attached schedule of indicated cost of this exploration project.)

Respectfully submitted by

ENGINEERS ASSOCIATES, INC.

Charles W. Yetter

Charles W. Yetter

CWY:hmp

TABULATION OF CLAIMS.

NAME	LOCATION DATE	RECORDING DATE	BOOK	PAGE
Burnham No. 1	May 11, 1953	May 14, 1953	25	255
" " 2	"	"	"	256
" " 3	"	"	"	"
" " 4	"	"	"	257
" " 5	"	"	"	"
" " 6	"	"	"	258
" " 7	"	"	"	"
" " 8	"	"	"	259
" " 9	"	"	"	"
" " 10	"	"	"	254
" " 11	June 13, 1953	July 8, 1953	29	286
Larsen No. 1	"	"	"	281
" " 2	"	"	"	282
" " 3	"	"	"	"
" " 4	"	"	"	283
" " 19	May 11, 1953	May 14, 1953	25	255
Soelberg No. 1	"	"	"	249
" " 2	"	"	"	250
" " 3	"	"	"	"
" " 4	"	"	"	251
" " 5	"	"	"	"
" " 6	"	"	"	252
" " 7	"	"	"	"
" " 8	"	"	"	253
" " 9	"	"	"	"
" " 10	"	"	"	254
" " 16	June 13, 1953	July 8, 1953	29	285
" " 17	"	"	"	286
Cook Fiasco No. 1				

TABULATION OF COSTS OF EXPLORATION PROGRAM

(1)	Access Road and drill sites (by contract)	$ 500.00
(2)	Core drilling by contract	18,370.00
(3)	Supervision of drilling (6 months)	3,600.00
(4)	Engineering (to check drilling, certify footage, write reports and data) (6 months)	3,900.00
(5)	Contingencies (Assaying, Standby time, etc.)	3,000.00
	Total	$29,370.00
	25% Participation	7,342.50
	Balance to be repaid by production	$22,027.50

DRILL PROGRAM AS INDICATED

Total footage - 8,800 feet plus or minus comprising
23 holes, each approximately 200 feet in depth and
12 holes, each approximately 350 feet in depth.

23 holes on 200 foot centers across trend at lowest topographic area in claims. Each hole approximately 200 feet in depth.

150 ft.	Non-coring	=	3450 ft.	@	1.90	$6,555.00
50 ft.	Core	=	1150 ft.	@	2.50	2,875.00

12 holes on 200 foot centers across trend, approximately 500 feet west of shallow holes. Each hole approximately 350 feet in depth.

300 ft.	Non-coring	=	3600 ft.	@	1.90	6,840.00
50 ft.	Core	=	600 ft.	@	3.50	2,100.00
					Total	$18,370.00

OFFICIAL BUSINESS

U. S. Bureau of Mines
420 Custom House
555 Battery Street
San Francisco 11, California

SAN FRANCISCO CALIF. AUG 4 '54 U.S. POSTAGE 12

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

A G R E E M E N T

THIS AGREEMENT, Made and entered into on this the 19th day of May, 1954, by and between JOHN A. SOELBERG, PHILLIP BURNHAM, ECL AND Eugene C. LARSON, parties of the first part, hereinafter called lessors, and JOE I. MORRISON, party of the second part, hereinafter called lessee,

WITNESSETH:

That for and in consideration of the premises and the mutual covenants and agreements herein contained, the parties agree as follows:

1. The lessors do hereby let, lease, and devise unto the lessee the following described unpatented lode mining claims situate in the County of San Juan , State of Utah, to-wit:

Soelberg #1 to 10, inclusive
Soelberg #16
Soelberg #17
Burnham #1 to 11, inclusive
Larsen #1 to 4, inclusive
Larsen #19
Cook Fiasco No. 1

all of said claims being located in Sections 1 and 12, Township 37 South, Range 21 East, Salt Lake Meridian, for a period beginning on this date and ending on the 19th day of May, 1959, unless sooner terminated as hereinafter provided.

2. Lessee agrees to pay the lessors, as rental for said premises, TWELVE AND ONE-HALF PER CENT (12½%) of the values of all ores, minerals, and metals mined and sold from said premises and TWELVE AND ONE-HALF PER CENT (12½%) of any bonus paid for the production of ores from said premises by the United States Atomic Energy Commission. All haulage and development allowances paid for the production of ores from said premises shall be kept and retained by the lessee.

3. The lessors, at their option, may require any buyer or buyers of ore mined from said premises to pay directly to the

lessors the rentals herein provided, and this agreement shall constitute the authority for such buyer or buyers of ores to so pay said rentals to the lessors.

4. Lessors warrant that they have good possessory title to the above described mining claims against everyone except the United States of America.

5. The lessee agrees that he will do the annual assessment work upon said claims as required by law and will make and file with the County Recorder the necessary and proper affidavit showing that said assessment work has been done for the year ending June 30, 1954, and will each year, during the term of this agreement, do and perform the necessary annual labor upon said mining claims and make and file such affidavits before June 30th of each year during the term hereof.

6. Lessee agrees that he will mine and remove from said premises any ores discovered by him of commercial quantity and quality and will do such mining in a good and miner-like fashion.

7. Lessee agrees that he will not make or incurr any debt or obligation for labor or material used upon said premises and will promptly pay any such debt or obligation for such labor and materials so as to prevent the filing of a lien thereon by any person, firm or corporation.

8. The lessee shall have the right and option to renew and extend this lease upon the same terms and conditions herein contained for an additional five years upon giving to the lessors notice in writing of his intention to extend and renew this agreement at least thirty (30) days prior to the expiration thereof. Said renewal and extention may be exercised by the lessee only in the event he is not in default under the terms and conditions hereof. Such notice shall be addressed to the first parties at Grand Junction, Colorado, by United States registered mail and shall be deemed to have been given on the date of the mailing thereof.

9. It is understood and agreed by and between the parties hereto that the lessee may terminate this lease agreement and surrender the possession of said premises to the lessors at any time during the term hereof by giving to the lessors thirty (30) days written notice of his intention to so terminate this agreement, said notice to be addressed to the first parties at Grand Junction, Colorado by United States registered mail and it shall be deemed to have been given on the date of the mailing thereof. The parties agree that upon the termination of this agreement by the lessee all obligations imposed upon him shall thereupon terminate.

10. It is understood and agreed by and between the parties hereto that in the event the lessee shall fail neglect, or refuse to keep and perform the covenants and agreements herein contained to be kept and performed by him, the lessors may, at their election, terminate this agreement by giving to the lessee thirty (30) days notice of their intention to so terminate. Said notice shall be addressed to lessee at Blanding, Utah by United States registered mail and shall be demmed to have been given on the date of the mailing thereof. Said notice shall specify the default of the lessee and in the event that the lessee shall not cure or correct said default within said thirty (30) day period, the agreement shall thereupon terminate and the lessee shall surrender peaceful possession of said premises to the lessors, and the lessors shall have the right to go upon said premises and take possession of the same with or without force and with or without process of law, and shall have the right to remove the lessee or any other person, firm or corporation found to be occupying said premises or any part thereof, it being understood and agreed that time is of the essence of this agreement.

This agreement shall extend to and be binding upon the heirs, executors, administrators, successors, and assigns of the parties hereto.

IN WITNESS WHEREOF the parties hereto have hereunto set their hands and seals the day and year first above written.

Phillips A Burnham (SEAL)

John A Soelberg (SEAL)

Eugene C Larsen (SEAL)

Parties of the First Part.

Joe F. Morris (SEAL)

Party of the Second Part.

MD:RHT

June 23, 1954

Mr. Phillip A. Burnham
Route 3
Grand Junction, Colorado

Re: OIL AND GAS APPLICATION NO. 1011

Dear Mr. Burnham:

This will acknowledge receipt of your application dated May 27, 1954, for uranium mining lease (Domestic Uranium Program Circular 7).

Also acknowledged is the receipt of certified check made payable to the "Treasurer of the United States" in the amount of $ 590.00, $100.00 of which has been applied to this application.
You will be contacted at a later date in order that you, or your representative, and one of our mining engineers may visit the ground covered by your application.

Very truly yours,

R. H. Toole

R. H. Toole, Chief
Leasing Branch
Mining Division

MD:RHT

June 23, 1954

Mr. Eugene C. Larsen
1403 Bunting Avenue
Grand Junction, Colorado

Re: OIL AND GAS APPLICATION NO. 1008

Dear Mr. Larsen:

This will acknowledge receipt of your application dated May 27, 1954, for uranium mining lease (Domestic Uranium Program Circular 7).

Also acknowledged is the receipt of certified check made payable to the "Treasurer of the United States" in the amount of $590.00, $100.00 of which has been applied to this application.

You will be contacted at a later date in order that you, or your representative, and one of our mining engineers may visit the ground covered by your application.

Very truly yours,

R. H. Toole

R. H. Toole, Chief
Leasing Branch
Mining Division

MD:RHT

June 23, 1954

Dr. John A. Soelberg
1315 Elm Avenue
Grand Junction, Colorado

Re: OIL AND GAS APPLICATION NO. 1010

Dear Dr. Soelberg:

This will acknowledge receipt of your application dated May 27, 1954, for uranium mining lease (Domestic Uranium Program Circular 7).

Also acknowledged is the receipt of certified check made payable to the "Treasurer of the United States" in the amount of $590.00, $380.00 of which has been applied to this application.
You will be contacted at a later date in order that you, or your representative, and one of our mining engineers may visit the ground covered by your application.

Very truly yours,

R. H. Toole

R. H. Toole, Chief
Leasing Branch
Mining Division

MD:RHT

June 23, 1954

Mr. N. B. Cook
c/o John A. Soelberg
1315 Elm Avenue
Grand Junction, Colorado
Re: OIL AND GAS APPLICATION NO. 1009

Dear Mr. Cook:

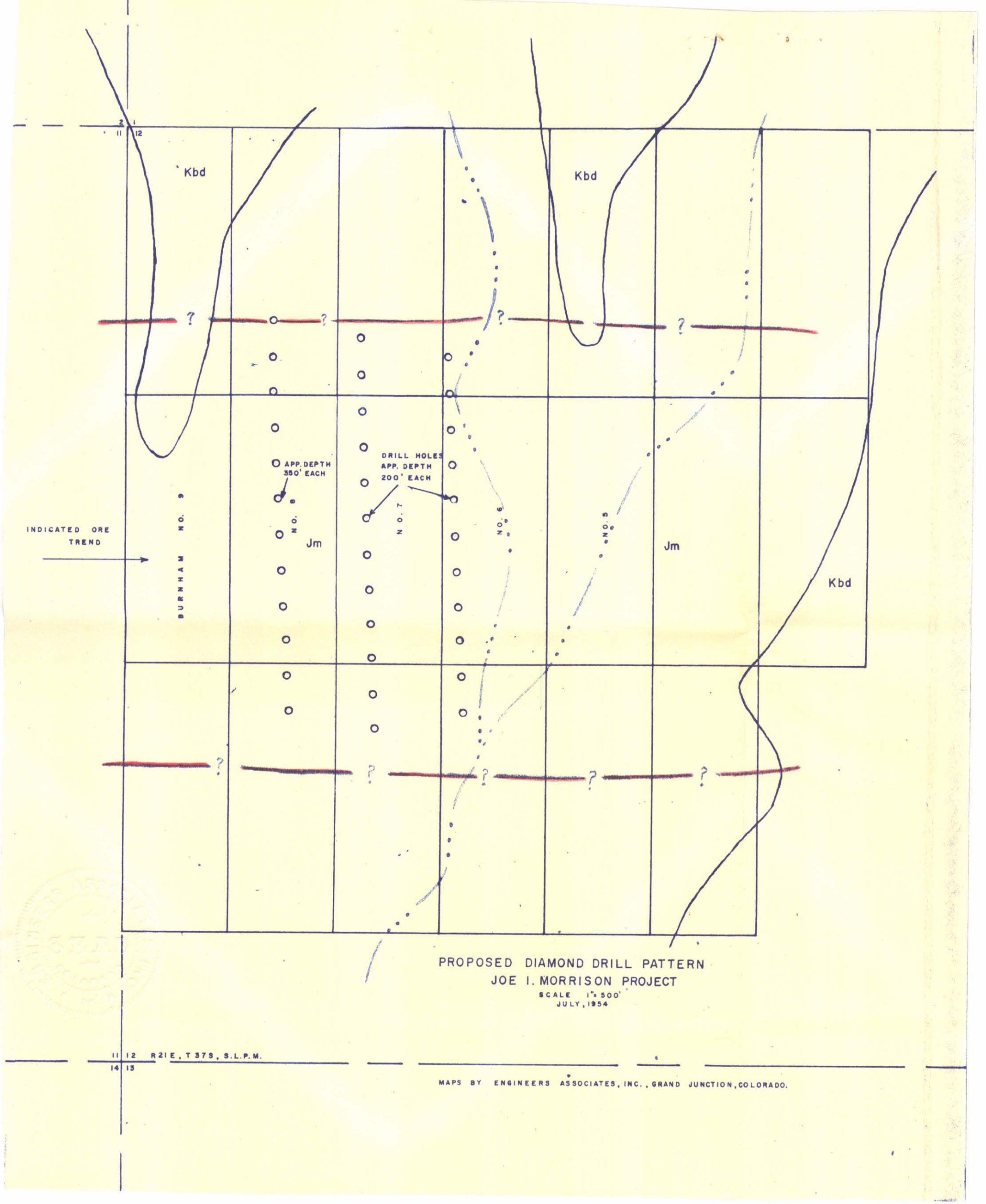
This will acknowledge receipt of your application dated May 27, 1954, for uranium mining lease (Domestic Uranium Program Circular 7).

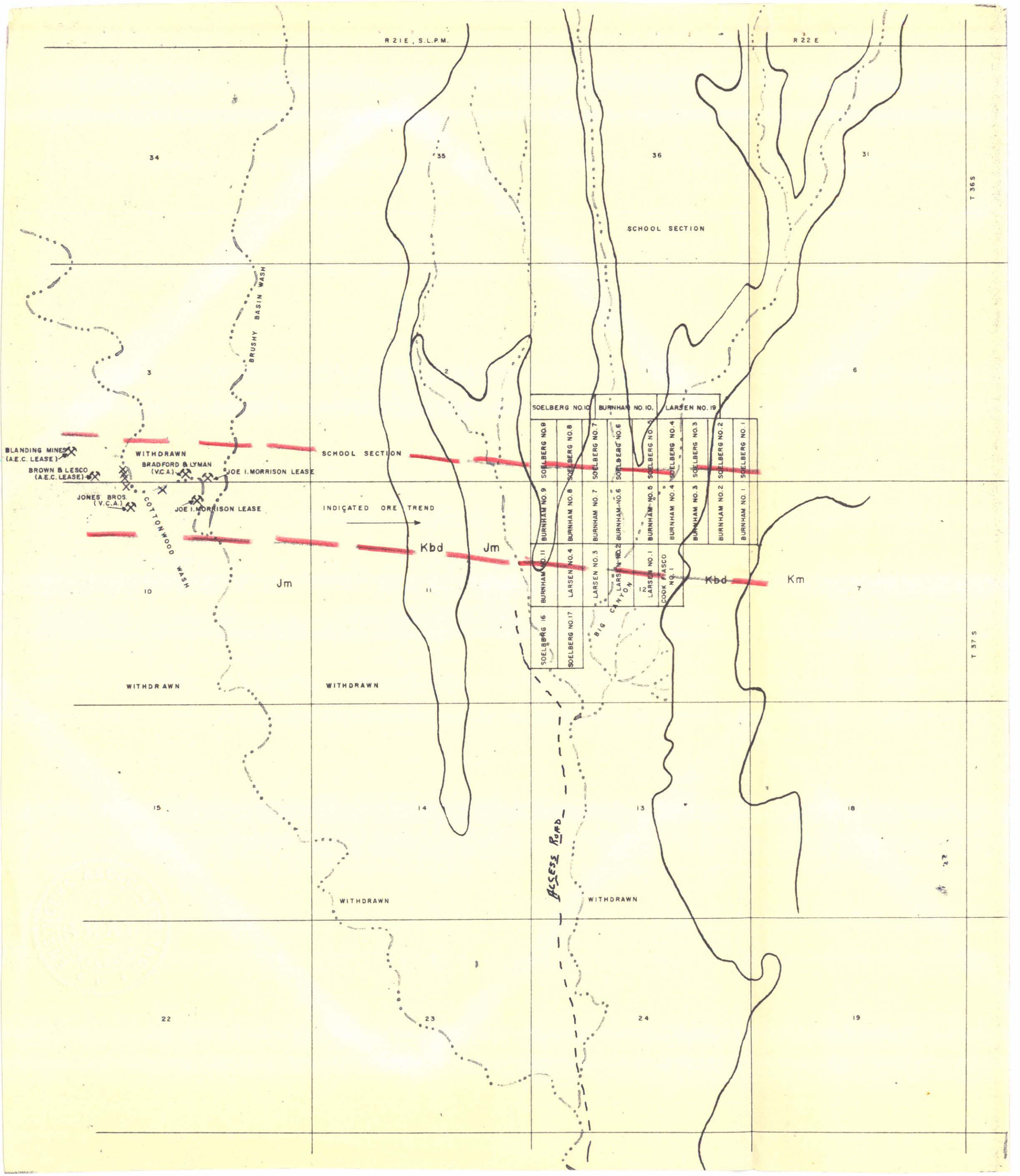
Also acknowledged is the receipt of certified check made payable to the "Treasurer of the United States" in the amount of $590.00 $10.00 of which has been applied to this application.
You will be contacted at a later date in order that you, or your representative, and one of our mining engineers may visit the ground covered by your application.

Very truly yours,

R. H. Toole

R. H. Toole, Chief
Leasing Branch
Mining Division


2 1
11 12
Kbd
Kbd
?
APP. DEPTH 350' EACH
DRILL HOLES APP. DEPTH 200' EACH
INDICATED ORE TREND
BURNHAM NO. 9
NO. 8
NO. 7
NO. 6
NO. 5
Jm
Jm
Kbd
PROPOSED DIAMOND DRILL PATTERN
JOE I. MORRISON PROJECT
SCALE 1" = 500'
JULY, 1954
11 12 R21E, T37S, S.L.P.M.
14 13
MAPS BY ENGINEERS ASSOCIATES, INC., GRAND JUNCTION, COLORADO.


R 21 E, S.L.P.M.
R 22 E
T 36 S
T 37 S
34
35
36
31
3
2
1
6
10
11
12
7
15
14
13
18
22
23
24
19
SCHOOL SECTION
SCHOOL SECTION
BRUSHY BASIN WASH
COTTONWOOD WASH
BIG CANYON
BLANDING MINES (A.E.C. LEASE)
BROWN & LESCO (A.E.C. LEASE)
WITHDRAWN
BRADFORD & LYMAN (V.C.A.)
JOE I. MORRISON LEASE
JONES BROS. (V.C.A.)
JOE I. MORRISON LEASE
INDICATED ORE TREND
Kbd
Jm
Jm
Kbd
Km
SOELBERG NO. 10
BURNHAM NO. 10.
LARSEN NO. 19
SOELBERG NO. 9
SOELBERG NO. 8
SOELBERG NO. 7
SOELBERG NO. 6
SOELBERG NO. 5
SOELBERG NO. 4
SOELBERG NO. 3
SOELBERG NO. 2
SOELBERG NO. 1
BURNHAM NO. 9
BURNHAM NO. 8
BURNHAM NO. 7
BURNHAM NO. 6
BURNHAM NO. 5
BURNHAM NO. 4
BURNHAM NO. 3
BURNHAM NO. 2
BURNHAM NO. 1
BURNHAM NO. 11
LARSEN NO. 4
LARSEN NO. 3
LARSEN NO. 2
LARSEN NO. 1
COOK FIASCO NO. 1
SOELBERG 16
SOELBERG NO. 17
WITHDRAWN
WITHDRAWN
WITHDRAWN
WITHDRAWN
ACCESS ROAD