DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4738

Application (Denied ✓
(~~Withdrawn~~
(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments (latest on top)
Contract with all exhibits and annexes
Owner's Consent to Lien
Subordination Agreement
✓ Leases and assignments of leases
✓ Application and attachments
(3) Envelope for maps

Right Side

Project summary
Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report (Tab)
Operator's Final Report
(2R) Interim Reports
(2R) Operator's monthly reports and all attachments (latest on top)
✓ On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order)
Interim Summary Reports by W. O. Engineers

Right Side

Operator's Semi-Annual Report for Certified Project, Field Team Interim Reports, Operator's Monthly Report with transmittal, narrative, maps, and Field Team review.

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

9775

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
224 New Customhouse
Denver 2, Colorado

OFFICIAL FILE COPY
DMEA
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DATE	INITIALS	CODE

April 23, 1957

Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Application for DMEA Aid (Uranium) Neptune Uranium Corporation (Blevins claims) Gila County, Arizona

Enclosed are the original and two copies of the subject application. One copy of the application is being retained in our file.

The Applicant proposes to explore a mineralized target area by an unspecified amount of core drilling at a total estimated project cost of $36,772.06.

The Applicant intends to do its own core drilling but submitted no bids from independent drilling contractors to substantiate cost estimates. We also note that the land proposed for subordination in the application is spelled Blevins Canyon claims, whereas the copy of the Mining Deed attached refers to both Blevins Canyon claims and Blevens Canyon claims.

E. N. Harshman

By E. N. Harshman
Acting Executive Officer

Enclosures

MF-103
(Revised April 1952)

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

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED APR 25 1957 D.M.E.A.

DMEA
DEPARTMENT OF THE INTERIOR
APR 22 1957
REGION III
DENVER, COLORADO

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. 4734
Metal or Mineral URANIUM
Date Received 4-25-57
Estimated Cost $ 36,772.06
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:

NEPTUNE URANIUM CORPORATION, A NEVADA Corporation
520 Ash Street
San Diego, California.

(*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. Sched. #1 See letter attached.

(*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

Section 6 and 7 N. Range 12 and 13 E. between Loafer Mountain and Lookout Mountain in Gila County, Arizona.

(*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

Unpatented Mining Claims.

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

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

NOT APPLICABLE

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. SEE SCHEDULE #1 ATTACHED.

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. SEE SCHED. #2 ATTACHED

(*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 SCHED #2 ATTACHED

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. SEE SCHED #2 ATTACHED

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

SEE SCHED #2 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 Sched #5

(*c*) The work will start within 10 days and be completed within 4 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 Sched #5

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?

☐ 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 April 17, 1957

NEPTUNE URANIUM CORPORATION
(Applicant)

By [signature]
Vice-President.

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

Schedule #1.

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NEPTUNE URANIUM CORPORATION
520 Ash Street,
San Diego, 12, California.

3. Applicants Property Rights. (f)

NAME OF CLAIM	DOCKET	PAGE
Blevins Canyon No. 1	21	341
Blevins Canyon No. 2	21	342
Blevins Canyon No. 3	21	343
Blevins Canyon No. 4	21	344
Blevins Canyon No. 5	21	345
Blevins Canyon No. 6	21	346
Blevins Canyon No. 7	21	347
Blevins Canyon No. 8	21	348
Blevins Canyon No. 9	11	212
Blevins Canyon No. 10	11	213
Blevins Canyon No. 11	24	339

1. Name of Applicant, (c)

Sam Crivello, President	520 Ash Street, San Diego, Calif.
Lloyd Walter Vivell, V. P.	520 Ash Street, San Diego, Calif.
C. L. Wattenbarger, Secretary-Treasurer,	520 Ash Street, San Diego, Calif.

Schedule # 2.

NEPTUNE URANIUM CORPORATION.
520 Ash Street,
San Diego, 12, California.

4. Physical description. (a) to (e) incl.

The Blevin Canyon Claims are in Section 6, Twp 7 N. and 7 N Range 12 and 13 E, between Loafer Mountain and Lookout Mountain in Gila County, Arizona. The properties may be reached from Globe, Arizona by travelling north on the Globe to Payson highway a distance of about 60 miles to Pumpkin Center; thence easterly on dirt roads approximately 20 miles to the various ore outcrops on the claims. The ore hauling distance to Globe, Arizona is therefore, approximately 80 miles. The dirt roads are in good condition for about one half the distance between Pumpkin Center and the claims. The improvement of these roads for the remaining distance is a necessary part of the exploration project, however, the condition of the road at present is such as to permit ready access to the claims for inspection purposes.

The Blevin Canyon Claims are of Standard lode claim dimentions and have been surveyed. Discovery work and monuments as well as annual assessment requirements have been fulfilled as required by law.

These claims are located on a point of land which runs in a general north and south direction which drops abruptly to the bottom of the canyon especially on the western side. The ore outcrops at several points on the face of this west wall and at a point approaching the southern extremity of the point the outcrop is from 75 to 90 feet from the surface. This project is in the Dripping Springs Quartsite formation. The uranium bearing ore appears to be both bedded and in veins. The Quartsite has been

Schedule 2 (Continued)

NEPTUNE URANIUM CORPORATION
520 Ash Street,
San Diego, 12, California.

intruded by two diabase plugs toward which it is felt the ore body extends.

Although no mining operations have heretofore been conducted on the property an exploratory drift has been made in the west wall near the southerly end of the point. This drift runs at right angle to the face of the cliff in a generally easterly direction for about one hundred feet. A second drift from just inside the entrance to the one above mentioned runs in a generally north east direction for about 60 feet. The remains of a structure erected for the purpose of conveying ore to the surface is still in place. Ore of high uranium content is present in the drifts and outcrops at and near their entrance as is evidenced by the attached Gravimetric Chemical Analysis.

The above mentioned exploratory work is said to have been performed by the Bridger-Jack Corporation and the ore extracted used solely for experimental purposes.

Manpower, equipment, materials and supplies are readily available in both Globe and Payson, Arizona the claims being situated roughly midway between these two points. Water is available on or near the claims and power will be furnished by means of gasolene and diesel motors.

The Lucky Stop mine on Workman Creek owned by Oliver Brunson, Hugh Nichols and Ed Conway lies about six air miles distant from the Blevins Canyon Claims in a south easterly direction. This mine has been successfully producing for many months and is in the same formation and fracture zone as the Blevins Canyon claims. The same may

Schedule # 2. (Continued)

NEPTUNE URANIUM CORPORATION,
520 Ash Street,
San Diego, 12, California.

be said of the Hope Mine of Continental Uranium and the Tulsa Minerals' properties.

As to our reasons for wishing to explore; we have after careful consideration arrived at the conclusion that there is a strong geologic probability of making a significant discovery as the result of this project which we believe will lead to early and rewarding production of this highly strategic mineral.

SAN DIEGO TESTING LABORATORIES, INC.

FORM 17 3M 9-56 JP

MATERIALS ENGINEERING

3467 KURTZ STREET
SAN DIEGO 10, CALIFORNIA
ACADEMY 2-1187

PRINCIPALS ARE MEMBERS OF
AMERICAN CONCRETE INSTITUTE
AMERICAN SOCIETY OF CIVIL ENGINEERS
AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF METALS
SOCIETY FOR NONDESTRUCTIVE TESTING

PHILIP W. HELSLEY, CIVIL ENGINEER
PRESIDENT
BILL K. BRAMBLE, CIVIL ENGINEER
VICE PRESIDENT
MITCHELL P. CHRISTENSEN
CHEMIST AND METALLURGIST

LABORATORY NUMBER SD12-923M

DATE March 12, 1957

Neptune Uranium Corporation
520 Ash Street
San Diego 1, California

P.O: Verbal: Sam Crivello 3-7-57
3-Samples Rec'd: 3-7-57

Attn: Sam Crivello

REPORT OF CHEMICAL DETERMINATIONS
ON THREE URANIUM ORE SAMPLES FOR
URANIUM OXIDE CONTENT

SAMPLE NUMBER:	191M1	191M2	191M3
MARK NUMBER:	SAMPLE #1	SAMPLE #2	SAMPLE #3
GRAVIMETRIC CHEMICAL: U_3O_8	4.14%	1.05%	0.63%

Since these are all relatively HIGH GRADE we suggest that they be checked for Thorium.

Respectfully submitted,

SAN DIEGO TESTING LABORATORIES, INC.,

By M. P. Christensen
M. P. Christensen-Metallurgist

(5) Neptune Uranium Corp.

FORM 17 3M 9-56 JP

SAN DIEGO TESTING LABORATORIES, INC.

MATERIALS ENGINEERING

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SOCIETY FOR NONDESTRUCTIVE TESTING

3467 KURTZ STREET
SAN DIEGO 10, CALIFORNIA
ACADEMY 2-1187

PHILIP W. HELSLEY, CIVIL ENGINEER
PRESIDENT
BILL K. BRAMBLE, CIVIL ENGINEER
VICE PRESIDENT
MITCHELL P. CHRISTENSEN
CHEMIST AND METALLURGIST

LABORATORY NUMBER SD12-923M SUPPLEMENT DATE March 15, 1957

Neptune Uranium Corporation
520 Ash Street
San Diego 1, California

P.O: Verbal :Crivello 3-12-57
3-Samples Rec'd: 3-7-57

AttN: Sam Crivello

REPORT OF CHEMICAL DETERMINATIONS
ON THREE URANIUM ORE SAMPLES FOR
THORIUM OXIDE CONTENT

SAME SAMPLES AS REPORTED 3-12-57:	SAMPLE 191M1 THORIUM:	SAMPLE 191M2 THORIUM:	SAMPLE 191M3 THORIUM:
GRAVIMETRIC THORIUM OXIDE:	NONE	0.02%	0.04%

We conclude from this analysis and that reported in SD12-923M Original 3-12-57 that the material represented is very good grade Uranium Ore.

Respectfully submitted,

SAN DIEGO TESTING LABORATORIES, INC.,

By M. P. Christensen
M. P. Christensen-Metallurgist

(5) Nepture Uranium Corp.

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NEPTUNE URANIUM CORPORATION
520 Ash Street,
San Diego, California.

SCHEDULE # 3.

MINING DEED.

THIS INDENTURE, made this 29th. day of March 1957 by and between TOM RUSSELL and GEORGE M. HILL, hereinafter referred to as the Grantors, and NEPTUNE URANIUM CORPORATION, a Nevada corporation, hereinafter referred to as the Grantee,

WITNESSETH:

That the said Grantors, for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration to them in hand paid, by the Grantee, subject to the reservations hereinafter contained, have conveyed, granted and sold, and by these presents do convey , grant and sell to the Grantee, its successors and assigns, those certain unpatented lode mining claims situated in the Greenback or Sierra Ancha Mining Districts, Gila County, Arizona, the location notices of which are on record in the office of the County Recorder of Gila County, Arizona, the location notices of which are on record in the office of the County Recorder of Gila County, Arizona, at the Docket and page as hereinafter set forth:

NAME OF CLAIM	DOCKET	PAGE	NAME OF CLAIM	DOCKET	PAGE
Blevens Canyon No. 1	11	204	Radium No. 1	21	336
Blevens Canyon No. 1	21	341	Radium No. 2	21	337
Blevens Canyon No. 2	11	205	Radium No. 3	21	338
Blevens Canyon No. 2	21	342	Radium No. 4	21	339
Blevens Canyon No. 3	11	206	Radium No. 5	21	340
Blevens Canyon No. 3	21	343			
Blevens Canyon No. 4	11	207	Blue Rock No. 1	24	340
Blevens Canyon No. 4	21	344	Blue Rock No. 2	24	341
Blevens Canyon No. 5	11	208			
Blevens Canyon No. 5	21	345	Quartzite No. 1	24	342
Blevins Canyon No. 6	11	209	Quartzite No. 2	24	343
Blevins Canyon No. 6	21	346	Quartzite No. 3	24	344
Blevins Canyon No. 7	11	210	Quartzite No. 4	24	345
Blevins Canyon No. 7	21	347	Quartzite No. 5	24	346
Blevins Canyon No. 8	11	211	Quartzite No. 6	24	347
Blevins Canyon No. 8	21	348			
Blevins Canyon No. 9	11	212			
Blevins Canyon No. 10	11	213			
Blevins Canyon No. 11	24	339			
Cap Rock No. 1	21	61	Cap Rock No. 9	21	69
Cap Rock No. 2	21	62	Cap Rock No. 10	21	70
Cap Rock No. 3	21	63	Cap Rock No. 11	21	71
Cap Rock No. 4	21	64	Cap Rock No. 12	21	72
Cap Rock No. 5	21	65	Cap Rock No. 13	21	73
Cap Rock No. 6	21	66	Cap Rock No. 14	21	74
Cap Rock No. 7	21	67	Cap Rock No. 15	21	75
Cap Rock No. 8	21	68	Cap Rock No. 16	21	76

Together with all the dips, spurs and angles, and also all the metals, ores, rock and earth therein; and all the rights, privileges and franchises thereto incident, appendent and appurtenant, or therewith usually had and enjoyed; and also, all and singular, the tenements, hereditaments, and appurtenances thereto belonging, or otherwise appertaining, and the rents, issues and profits thereof, and also all the estate, right, title, interest, property, possession, claim and demand whatsoever, as well in law as in equity, of the said Grantors, of, in, or to the said premises and every part and parcel thereto with the appurtenances.

The Grantors do hereby warrant, for themselves, their heirs, executors and administrators, that they are the owners of a good possessory title to the above described mining claims, and do hereby bind themselves, their heirs, executors and administrators, to warrant and defend their possession and possessory title to the said property, and all and singular the said mining claims unto the said Grantee, is successors and assigns, against every person whomsoever lawfully claiming, or to claim the same or the possession thereof, or any part thereof.

There is hereby specifically, perpetually and forever retained and reserved by the Grantors ten per cent (10%) of all minerals or other product of value extracted or mined from the said claims, as evidenced by ten per cent (10%)of the gross receipts of the Grantee from the mining or mining operations conducted in operating the hereinabove-described mining claims.

The Grantee shall be obligated to account to the Grantors each month on all minerals mined and shipped by the Grantee from the hereinabove-described mining claims, and the Grantee shall on the 20th day of each month deliver a detailed accounting and payment for the said (10%)of the Grantors' mineral retention herein reserved, and pay to the Grantors (10%) of the amount of the gross receipts from ores extracted or shipped by the Grantee during the preceding month.

NEPTUNE URANIUM CORPORATION
520 Ash Street,
San Diego, California.

SCHEDULE #3

The Grantors doe hereby specifically reserve a perpetual right and easement in the Grantors and each of them, and his or their respective heirs, Administrators, agents or assigns, to enter upon the whole or any part of the property conveyed by this instrument for the purpose of inspecting the whole or any part thereof or any mining operation or other improvement thereon

The Grantor does hereby covenant and agree, by virtue of the acceptance of this conveyance, to perform the annual assessment work required to be completed prior to July 1, 1957, and agrees to protect and indemnify the Grantors for any loss they might sustain by reason of its failure so to do, acts of God and circumstances beyond the control of Grantee excepted. And the Grantee does further covenant and agree that in the event it decides to abandon and cease operations on said claims to give notice thereof to Grantors at least ninety (90) days prior to the date upon which the next annual assessment work is required to be performed and upon demand to reconvey the said claims to Grantors.

TO HAVE AND TO HOLD, all and singular, the said premises, together with the appurtenances and privileges thereunto incident, unto the said Grantee, its successors and assigns forever.

IN WITNESS WHEREOF, the Grantors have hereunto set their hands as of the day and year first hereinabove written.

(Sgd) Tom Russell

(Sgd) George M. Hill

NEPTUNE URANIUM CORPORATION
520 Ash Street,
San Diego, California.

SCHEDULE #3

STATE OF ARIZONA)
) SS.
County of Maricopa)

On this 5th day of April, 1957, before me, the undersigned Notary Public, personally appeared TOM RUSSELL and GEORGE M. HILL, known to me to be the persons whose names are subscribed to the foregoing mining deed, and acknowledged that they executed the same for the purpose and consideration therein expressed.

IN WITNESS WHEREOF, I hereunto set my hand and official seal,

My commission expires
August 7, 1958

(Sgd) Lelia G. Long
Notary Public.

NEPTUNE URANIUM CORPORATION
520 Ash Street,
San Diego 1, California.

Schedule #4

Instruction 6. Estimate of costs.

6 (a) Independent Contracts (None)

6 (b) Labor, Supervision etc.,

Driller	18 wks @ $123.70	$2226.60	
Helper	18 " 95.90	1726.20	
Bulldozer	4 " 100.00	400.00	$4352.80
Supervision	4 mos. @ $650.00	2600.00	
Eng. & Geo. Consultant		500.00	3100.00

6 (c) Operating Material & Supplies.

Bits	62 @ $45.00 ea.	2790.00	
Diamond bits	2 " 810.00 "	1620.00	
Fuel	4 mos. @ $420.00	1680.00	6090.00

6 (d) Operating equipment

Bulldozer (D-8) Cat.	4 wks @ 640	2560.00	
Drill Rig	18 wks. @ 750	13500.00	
Water truck	18 " " 125	2250.00	
Willys Pickup	18 " " 40	720.00	
Inter. Pickup	18 " " 40	720.00	
1 Babel & probe		125.00	
1 Camp trailer		300.00	20175.00

6 (g) Miscellaneous.

Repairs to oper. equipment	1200.00	
Accounting	200.00	
Work. Comp & Empl. Lia. Ins.	498.52	
Payroll taxes	155.74	2054.26

6 (h) Contingencies 1000.00 1000.00

Total estimated cost $36772.06

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NEPTUNE URANIUM CORPORATION
520 Ash Street,
San Diego 12, Calif.

Schedule #5

5. The exploration project.

(b) The proposed drilling program consists of 27 drill holes. Two fence lines of 10 drill holes each and one line of 7 holes. The first line of holes to run parallel to the rim of Blevins Canyon. This would be North ~~24 degrees~~ West.

The first line of holes are to be 150 feet from the rim and will be 200 feet apart. The second line of holes will be 200 feet from the first line and also 200 feet apart. The second line will run parallel with the first line. The third line will run parallel with the second and are to be 200 feet from the second also 200 feet apart.

The second line of holes will start with a fifty foot off-set from the first line of holes. The third line of holes will start with a fifty foot off-set from the second line of holes. It is believed that the highly fractured zones will control the Uranium in this area

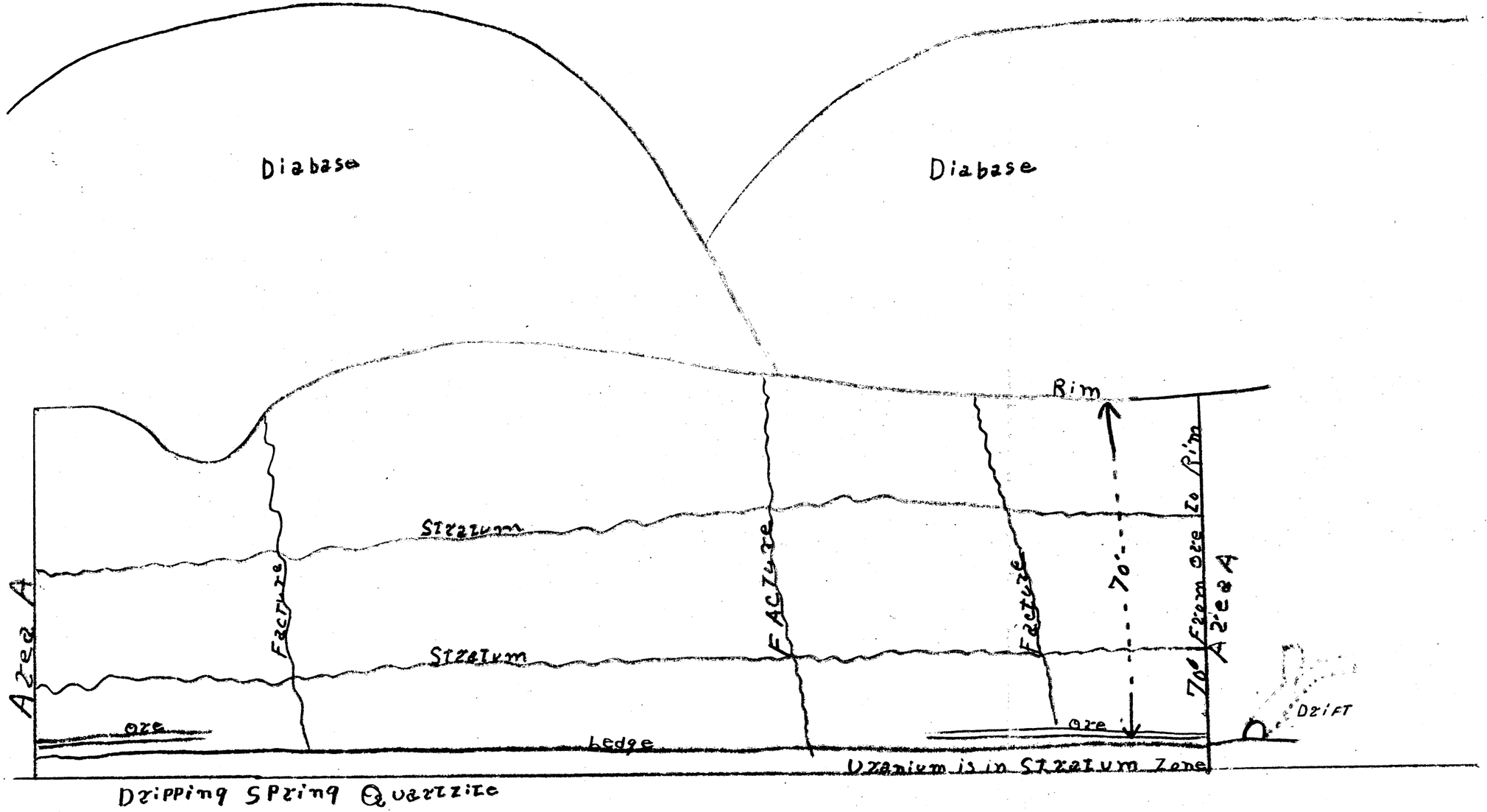
The present tunnel shows much better count in the North drift and near the entrance. Count can be traced for eighty feet along the face near the present drift. Count can be found for fifty feet along the face at a point approximately eighteen hundred feet North and West of the first outcrop. The Count is in beds along the face but it is believed that along the fractured zones high grade pitchblende will be found.

The attached sketches will serve to illustrate the foregoing outline of the proposed work.

5. (d) The applicant has had abundant experience in operational and exploration work having conducted, over the past two years, extensive operations on Elk Ridge, San Juan County Utah and in the Green Valley Mining District of Gila Co., Arizona. These operations have been carried out under the direction and supervision of Curtis V. Odom, General Superintendent who will also conduct the proposed project with respect to which this applications deals.

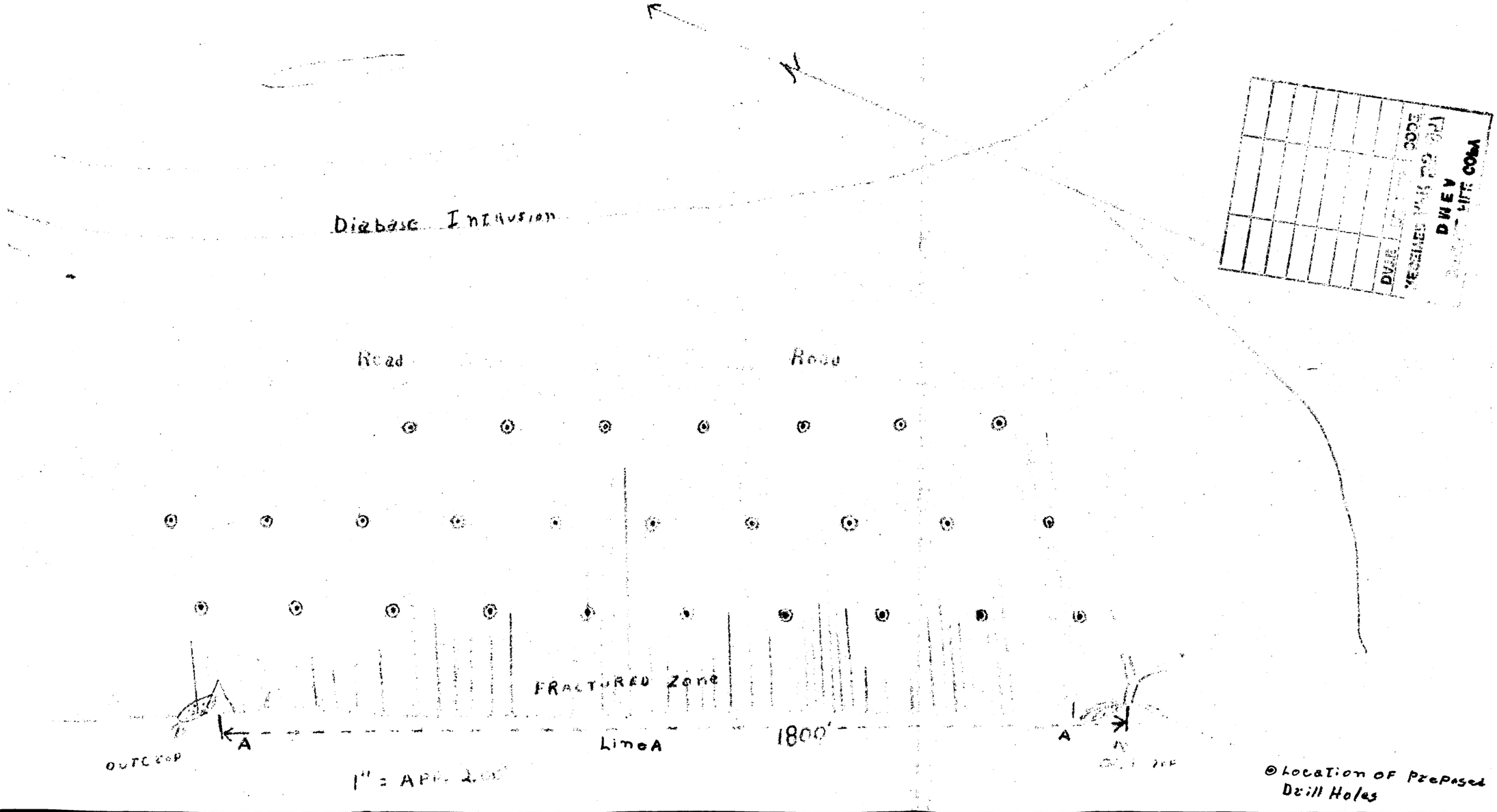
Neptune Uranium Corp.
720 Rat St.
San Diego 12, Calif.

Exhibit #5



Neptune Mining Corp.
Fig. 2 Pl.
San Diego Co. Calif.

Schedule #5



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NEPTUNE URANIUM CORPORATION
520 Ash Street,
San Diego 12, Calif.

SCHED. #6

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

The following machinery and equipment, wholly owned by the applicant will be dedicated to the work:

D-8 Caterpiller tractor

Drill Rig, (Mayhew 1000)

Water truck (1000 gallon, capacity)

Willys Pickup (4 wheel drive)

International Pickup

Camp trailer

Babel Counter & probe.

As is set forth in Schedule #4 attached the value of the above machinery and equipment greatly exceeds the amount of applicant's share of the costs.

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DATE	INITIALS	CODE

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/20	Ching	700
6/20	Elkin	700
6/21	[illegible]	130
6/21	[illegible]	130
6/21	Nelson	130
"	[illegible]	110
"	[illegible]	100
6/24	C	220
		225

JUN 24 1957

Mr. Sam Crivello, President
Neptune Uranium Corporation
520 Ash Street
San Diego, California

Re: Docket No. DMEA-4734 (Uranium)
Blevins Canyon Claims
Gila County, Arizona

Dear Mr. Crivello:

Your application for aid in an exploration project and other information available to us in Washington concerning the 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 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. Mittenderf

Administrator

MChing/izm 6-20-57
cc to: Mr. Ching
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
DMEA FT Reg. 3 (2)

8623

Docket

Chipping Ellis

June 20, 1957

Summary of Proposed Project

Object: Denial of application for an exploration project.

Docket No.: DMEA-4734

Commodity: Uranium

Applicant: Neptune Uranium Corporation, a Nevada corporation
520 Ash Street
San Diego, California

Property: Blevins Canyon Nos. 1-11 unpatented mining claims, situated around the common corner of unsurveyed T. 6 & 7 N., R. 12 & 13 E., G.&S.R.M.&B., Gila County, Arizona. Applicant's property rights were secured through a Mining Deed, dated March 29, 1957, from Tom Russell and George M. Hill.

Date of Application: April 17, 1957

Amount of Application: $36,772.06

Referred to Region III: May 3, 1957

Field Examination made: May 21, 1957

Field Team Report received: June 13, 1957

Work Proposed: Test the ore-bearing stratum by diamond drilling from the rim of Blevins Canyon. 27 holes in 3 lines paralleling the rim, with the lines and holes in each line 200 feet apart, are proposed. Depth of holes not stated but the ore horizon is shown on a sketch as 70 feet below the rim.

Estimated Costs:

Labor, supervision, etc.	$7,452.80	
Operating materials & supplies	6,090.00	
Operating equipment (use allowance)	20,175.00	
Miscellaneous	2,054.26	
Contingencies	1,000.00	
Total Estimated Cost of Project		$36,772.06
Government Participation @ 75%		$27,579.05

Field Team Report: June, 1957: W. L. Emerick, USGS & T.M. Romslo, USBM:

The Dripping Spring formation of the Cambrian Apache group underlies the subject property. It is composed of a sequence of flat-lying siliceous mudstones and siltstones, and silty and arkosic quartzites. The upper member crops out on the property.

Radioactivity is principally confined to two thin fine-grained silty quartzite lenses in the lower part of the upper member. The lenses are about 2 inches thick and are separated by $1\frac{1}{2}$-2 feet of unmineralized quartzite. The ore mineral is probably autunite.

A 105-foot adit and 45-foot crosscut have been driven into the north canyon wall. The AEC completed 3 diamond drill holes back from the rim and north of the adit. Production has been limited to a few hundred pounds of hand-sorted ore.

A radiometric survey of the two lenses outcropping on the rim and exposed in the adit gave readings of 2 to 8 times background in places along the rim and 1 to 4 times for the first 12 feet in the adit. From the 12-foot point to the faces of the adit and crosscut radioactivity decreased to background. A sample taken across the zone of highest radioactivity on the rim face near the adit assayed 0.14% eU_3O_8. Radiometric logs of the three AEC drill holes showed negative results. Earlier examinations of the property by AEC and USGS representatives were unfavorable.

Concludes that significant amounts of uranium are not present on the property and recommends denial of the application.

Commodity Group Comments:

USGS, N. E. Nelson, June 17, 1957:

Concurs with the examiner's and Field Team's recommendation that the application be denied.

USBM, James Paone, June 18, 1957:

Agrees with the Field Team and advises denial of the application.

Div. of Rare & Misc. Metals:

Michael Ching, June 19, 1957:

Rim exposures, 150 feet of drifting and crosscutting, and three diamond drill holes through the ore-bearing horizon fail to show significant amounts of uranium ore. The proposed work is not likely to penetrate anything more encouraging.

Conclusions and Recommendations:

The potential of this property is quite limited. It is recommended that the application be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis, Director
Division of Rare and
Miscellaneous Metals

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	Ellis	700
	Ching	

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

Date June 18, 1957

DMEA Docket No. 4734
DMEA Contract No.
Commodity Uranium
Name of applicant Neptune Uranium Corp.
Name of property Blevins Canyon Claims
Location of property Gila County, Arizona
Estimated cost of project $36,772.06

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: James Paone, Bureau of Mines Member
Uranium Commodity Committee

Subject: Review of Field Team Report
(Application, Field Team Report, etc.)

1. Date of subject document: 6/57. 2. Date received by reviewer: 6/17/57

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]
   e. Disagree with Field Team ☐
   f. Suggest alternate plan ☐
   g. Request another examination ☐
   h. Approval ☐
   i. Consult with Mr. _____ at _____ AEC office.

10. Remarks: (Use back of page if necessary)

IN REPLY REFER TO:

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

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DMEA
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June 17, 1957

Re: DMEA 4734
Neptune Uranium Corp.
Blevins Canyon claims
Gila Co., Arizona
$36,772.00 - Uranium

Memorandum

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

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

Subject: Review of Field Team Report.

The applicant requested assistance in exploring for ore deposits in the Dripping Springs quartzite. Prospecting and underground work have revealed two thin lenses of uranium-bearing silty quartzite. The lenses are about 2 inches thick and are separated by 1.5 to 2 feet of unmineralized quartzite.

The adit work and 3 diamond drill holes indicate the lenses are of very limited extent. Observations of the examiners and other critical viewers suggest that significant quantities of uranium ore are not present in the property and the examiners and the Field Team recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

June 10, 1957

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DMEA
RECEIVED JUN 1 1957

DATE	INITIALS	CODE
6/13	DWD	220
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6/18	DWD	220
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Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Docket DMEA 4734 (Uranium) Neptune Uranium Corporation (Blevins Canyon Claims) Gila County, Arizona - Joint Report of Examination

Enclosed are the original and three copies of the Joint Report of Examination on the subject property by T. M. Romslo, USBM, and W. L. Emerick, USGS.

The field examiners conclude that the probability for making a significant discovery is not sufficiently promising to justify Government participation. Accordingly they recommend that the Applicant's work proposal be denied to which the Field Team concurs.

ONSITE EXAM

W H King
W. H. King
Executive Officer

Reviewed by
DMEA OPERATING COMMITTEE
6-17-57
(date)

DMEA
DEPARTMENT OF THE INTERIOR
JUN 10 1957
REGION III
DENVER, COLORADO

Box 4126 University Station
Tucson, Arizona

June 7, 1957

TRANSMITTED
JUN 10 1957

Memorandum

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

From: W. L. Emerick
T. M. Romslo

Through: E. N. Harshman
W. R. Stowe

Subject: Docket DMEA-4734 (Uranium) Neptune Uranium Corporation (Blevins Canyon Claims), Pima County, Arizona

Enclosed are the original and 10 copies of a joint field examination report on the above property, recommending denial of the application.

Also enclosed is the Bureau copy of the docket. The Survey copy of the docket is being sent under separate cover to the office of E. N. Harshman.

W L Emerick
W. L. Emerick, Geologist
U. S. Geological Survey

T. M. Romslo, Mining Engineer
U. S. Bureau of Mines

WLE:TMR:ms

CC: Acting Executive Officer (10)
E. N. Harshman
W. R. Stowe
W. H. King
W. L. Emerick

130
220

Reviewed by
DMEA CLEARING COMMITTEE
6-17-57
(date)

FOR UNITED STATES GOVERNMENT USE ONLY

DMEA
DEPARTMENT OF THE INTERIOR
JUN 10 1957
REGION III
DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

TRANSMITTED
JUN 10 1957

DMEA-4734 (Uranium) Neptune Uranium Corp.

(Blevins Canyon Claims)

Gila County, Arizona

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DATE	INITIALS	CODE
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W. L. Emerick, Geologist
U. S. Geological Survey

T. M. Romslo, Mining Engineer
U. S. Bureau of Mines

June 1957

Reviewed by
DMEA OPERATING COMMITTEE
6-17-57
(date)

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SUMMARY, CONCLUSIONS AND RECOMMENDATION

The Blevins Canyon uranium prospect was investigated by the Defense Minerals Exploration Administration in connection with an application for aid in exploration by the Neptune Uranium Corporation. The application, docketed as DMEA-4734, requested aid in putting down 27 diamond drill holes at an estimated total cost of $36,772.06.

Since discovery of uranium on the Blevins Canyon property in 1952, work has been confined to surveys, road building, the driving of a short adit and crosscut and the diamond drilling of 3 test holes. Production is believed to total a few hundred pounds of hand sorted uranium ore.

Probably the best showing of uranium mineralization on the Blevins claims is confined to 2 thin silty quartzite lenses near the base of the upper member of the Dripping Spring formation. The lenses are each about 2 inches thick and are separated by 1.5 to 2 feet of unmineralized quartzite. Ore mineralization, probably as autunite, persists from the wall of the canyon to 12 feet in the adit. Anomolous radioactivity is absent in the remainder of the adit and crosscut and in the 3 diamond drill holes.

We conclude on the basis of our findings and information obtained from AEC and USGS representatives that significant amounts of uranium ore are not present on the Blevins Canyon claims. We therefore recommend that Governmental aid in exploration of the property be denied.

DMEA-4734 (Uranium) NEPTUNE URANIUM CORP.
(BLEVINS CANYON CLAIMS)
GILA COUNTY, ARIZONA

CONTENTS

	Page
Introduction	1
Acknowledgments	1
Location and accessibility	2
Topography, Physical Features and Climate	2
History and Production	3
Extent and Ownership of the Property	4
Geology	4
Summary and Conclusions	6
Annex	7
Diamond Drill Hole #1	7
Diamond Drill Hole #2	10
Diamond Drill Hole #3	13

ILLUSTRATIONS

	Following page
Figure 1. Location Map	2
Figure 2. Claim and Geology Map	2
Figure 3. Plan and Section of adits	5

INTRODUCTION

The Neptune Uranium Corporation applied to the Defense Minerals Exploration Administration for aid in exploration for uranium on the Blevins Canyon Group of claims, Gila County, Arizona. The application was received April 25, 1957. It was given docket number DMEA-4734, reviewed by the Operating Committee, and forwarded to Field Team, Region III for a field examination and recommendations.

The applicant proposed exploration for bedded and vein deposits of uranium in a favorable horizon of the Dripping Spring quartzite formation. The proposed project comprised the drilling of 27 diamond drill holes at an estimated total cost of $36,772.06. No estimate was given as to the depths of individual holes or the total footage to be drilled.

The property was examined May 21, 1957 by W. L. Emerick, geologist, U. S. Geological Survey, and T. M. Romslo, mining engineer, U. S. Bureau of Mines. They were accompanied by L. W. Vivell and C. V. Odum, respectively vice-president and general superintendent of the corporation.

ACKNOWLEDGMENTS

The examining team gratefully acknowledges oral discussions and the use of written material, drill hole logs, and maps on the property by R. J. Schwartz of the AEC, and written comments by H. C. Granger of the U. S. Geological Survey, who examined the property in 1956.

LOCATION AND ACCESSIBILITY

The Blevins Canyon Group of claims is about 40 air miles northwest of Globe around the common corner of unsurveyed T. 6 and 7 N. and R. 12 and 13 E., Gila County, Arizona (figs. 1 and 2). Globe, the county seat of Gila County, is situated on U. S. Highways 60 and 70 and is a station on a branch line of the Southern Pacific railroad.

The property may be reached from Globe by traveling 5 miles west on Highway 60 and thence 31 miles northwesterly on State Highway 88 to Roosevelt, a village near Roosevelt dam. Proceed 21.8 miles northwesterly on a graded dirt road to the Tonto Basin store and thence easterly 20.1 miles on a winding unimproved road. The last 5.5 miles of the road that ends at the property is very rough and contains several short sections of excessive grades. Four-wheel drive vehicles are necessary only on this portion of the trip.

TOPOGRAPHY, PHYSICAL FEATURES AND CLIMATE

The Blevins Canyon claims are at an average altitude of about 5,500 feet in the northwestern portion of the Sierra Ancha Mountains. The property is in a rugged area bisected by narrow Blevins Canyon, with essentially vertical walls, 200 to 300 feet high. The prospect adit enters the east wall at a point about 90 feet below a small mesa at the end of the access road. The canyon heads at about 1

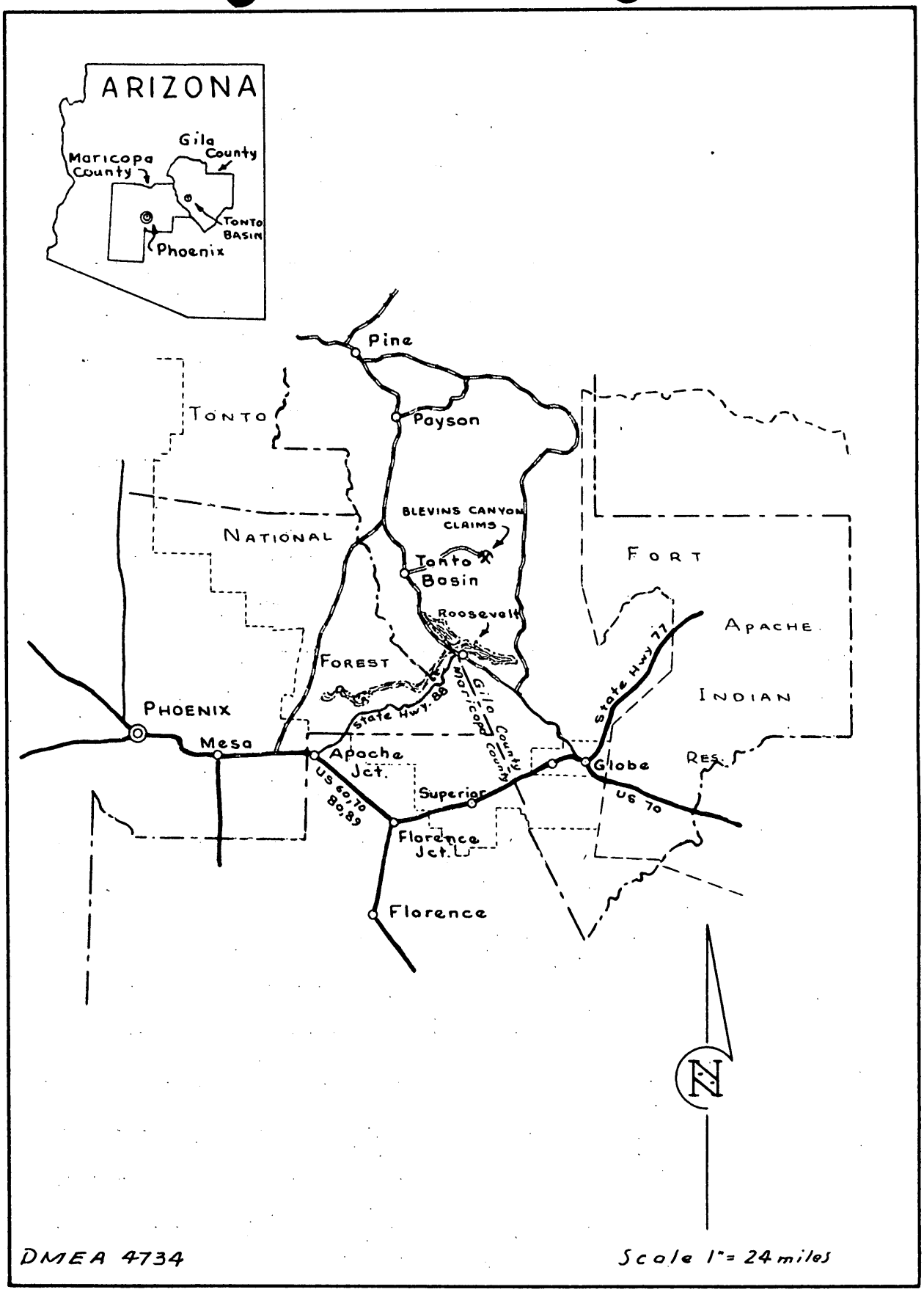

Fig-1-Location map, Neptune Uranium Corp.
Gila County, Arizona

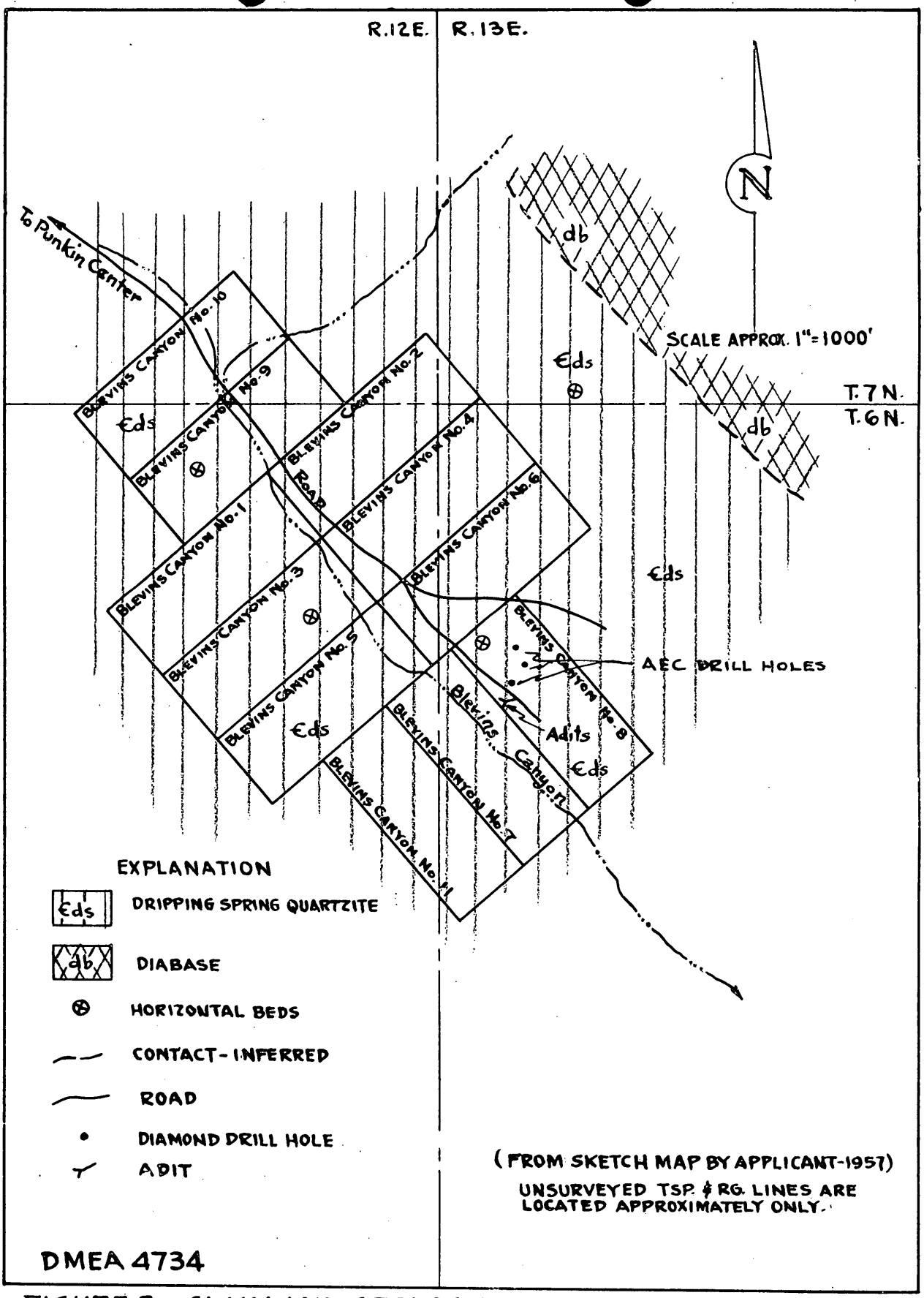

FIGURE 2.- CLAIM AND GEOLOGY MAP, NEPTUNE URANIUM CORP. (BLEVINS CANYON CLAIMS), GILA CO., ARIZONA.

mile north of the claims and drains southeasterly to Sallymay Creek. Sallymay Creek drains southwesterly and enters Roosevelt Reservoir at a point almost due north of Roosevelt Dam. Lauffer and Lookout Mountains, respectively about 1 mile to the north and south of the claims, have peak altitudes of a few hundred feet over 6,000 feet.

Vegetation is abundant. It mainly comprises forage grasses, oak, juniper and pine trees, and manzanita scrubs.

Annual precipitation of probably about 20 inches principally occurs as heavy summer thunder showers and light rain and snowfalls in the winter.

Summers are mild and winters are not severe.

Permanent streams in the district are confined to the south flowing Tonto Creek at about 14 miles due west of the Blevins claims.

HISTORY AND PRODUCTION

Tom Russell, a local prospector and mine operator, discovered uranium on the Blevins Canyon property in 1952. Shortly thereafter he leased the property to the Bridger Mining Company. During 1953 and 1954 the company resurveyed the property, built roads and explored the principal showing by driving a 105-foot adit and a 45-foot crosscut. The property then was inactive to June 1955 when 3 diamond drill holes were drilled by the Atomic Energy Commission. Since then little or no work has been done.

Production of uranium ore probably is confined to a few hundred pounds of material that the Bridger Jack Mining Co. obtained by close hand sorting of muck removed from the adit. The company's lease was vacated in 1956.

EXTENT AND OWNERSHIP OF THE PROPERTY

The property of the proposed explorations comprises the Blevins Canyon group of 11 unpatented lode mining claims (fig. 2). Owners of the claims are Tom Russell and George M. Hill.

Neptune Uranium Corp., the applicant, holds the property under a Mining Deed of March 29, 1957 that calls for royalty payments to the owners on ore produced from the property. The mailing address of the corporation is 520 Ash Street, San Diego, California. Officers of the corporation are: Sam Crivello, president; Lloyd Walter Vivell, vice-president; and C. L. Wattenbarger, secretary-treasurer.

GEOLOGY

The Dripping Spring formation of the Cambrian Apache group underlies the applicant's property in the Blevins Canyon area. The formation here is composed of a sequence of essentially flat-lying siliceous mudstones and siltstones, and silty and arkosic quartzites. A dome-shaped mass of diabase lies several thousand feet to the northwest.

In the area of the applicant's Blevins Canyon claims (Fig. 2) the upper member of the Dripping Spring formation crops out. There are some siliceous siltstone beds or lenses, in the upper part, and occasional thin silty quartzite lenses in the lower part of the upper member, but the upper member appears to be predominantly quartzite. Radioactivity is principally confined to two thin fine-grained silty quartzite lenses in the lower part of the upper member. These two lenses are each about 2 inches thick and are separated by about $1\frac{1}{2}$ - 2 feet of unmineralized quartzite.

R. J. Schwartz[1/] of the AEC, and H. C. Granger[2/] of the U. S. Geological Survey, describe the deposit as being in thin mudstone(?) beds or lenses in a paleo-channel at the base of the upper member of the Dripping Spring formation.

The ore mineral in the two silty quartzite lenses is probably autunite. With some copper mineralization contained in a thin quartz vein along one wall of the rim, torbernite in minor amounts may be present.

A geiger-counter survey (Fig. 3) of the two lenses cropping out on the rim face and also exposed in the adits gave the highest readings above background (2-8X) in places along the rim. For about the first 12 feet in the adit, or to where the adits branch, readings 1 to 4 times background were obtained. From the 12-foot point to the faces of both adits, radioactivity decreased to background.

1/ Schwartz, R. J., written and oral communication, 1957.

2/ Granger, H. C., written communication, 1957.

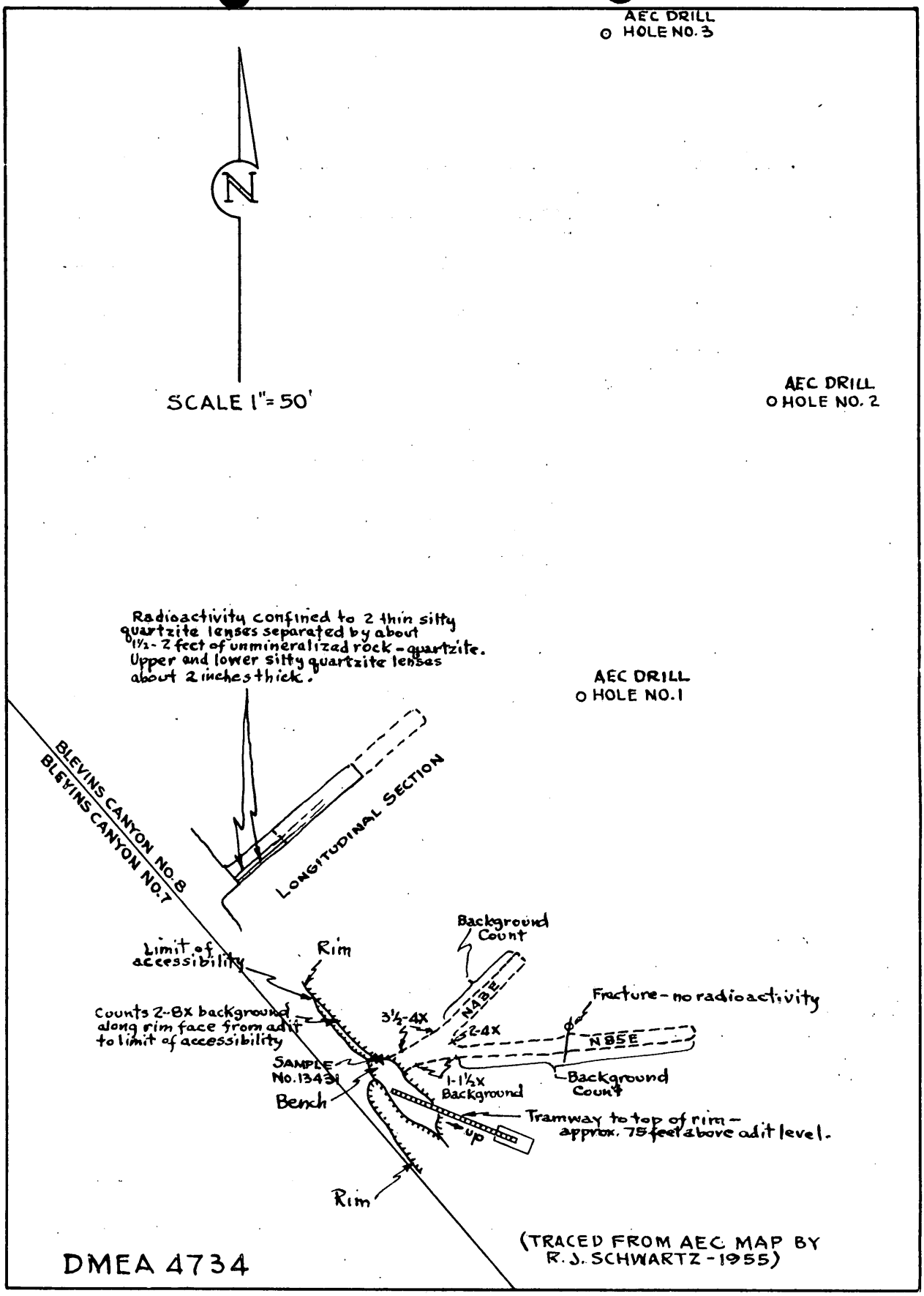

FIGURE 3. - PLAN AND SECTION OF ADITS WITH LOCATION OF AEC DRILL HOLES, NEPTUNE URANIUM CORP., (BLEVINS CANYON CLAIMS) GILA CO., ARIZONA.

A sample (No. 13431, Fig. 3) taken across the zone of highest radioactivity at a point on the rim face near the adit portal gave the following results:

Sample No.	*e % U_3O_8	*r % U_3O_8
13431	0.14	0.19

*e = Equivalent U_3O_8 - Based on the natural radioactivity of the sample as compared to the radioactivity exhibited by a standard uranium source in equilibrium under the same geometry.

*r = Equilibrium method - Uranium content calculated from the ratio of the beta and gamma counts.

Three drill holes were put down on the Blevins Canyon #8 claim in June 1955 by the Atomic Energy Commission (Figs. 2, 3, and Annex). Radiometric logs of these holes indicate that no ore was found by these holes drilled northwest of the rim.

Earlier examinations of the property by AEC and USGS representatives were unfavorable and concluded that no significant amounts of minable ore would be found in the Dripping Spring formation on the property.

SUMMARY AND CONCLUSIONS

The field examiners conclude from (1) the results of a geiger counter survey; (2) from the negative results of diamond drilling by the Atomic Energy Commission; and (3) from additional unfavorable information obtained from AEC and USGS representatives, that significant amounts of radioactive material are not present on the applicant's property. It is therefore recommended that the application be denied.

ANNEX

BLEVINS CANYON CLAIMS - Hole #1, June 1955

Feet drilled	Feet core	Geology (logged by SJF)	Formation
0. - .5	0	Overburden	
0.5- 2.5	1.0	Very pale orange to gray orange, thin bedded, fine-grained, slightly oxidized mudstone	Upper DS qzte
2.5- 6.0	2.5	Light blue-gray to green-gray, thin-bedded, fine-grained, silty quartzite; pyrite coating evident	Same
6.0-12.0	4.9	Gray-orange-pink, thin-bedded, fine-grained, silty quartzite, weathered dark brown along fractures. Oxidized pyrite "pits" some with limonite are common. 8' to 9' highly oxidized.	Same
12.0-21.0	8.7	Speckled light gray, thin-bedded, fine-grained quartzite. Limonite after pyrite. Gypsum coating on fracture at 15'.	Same
21.0-31.0	9.6	Speckled light blue-gray, fine-grained quartzite. At 23' black specks poorly but obviously lineated. At 23.5' medium bands alternate with fine bands for 0.5'. At about 31' siliceous chalcopyrite boxwork with manganese oxide is apparent (JEK). Limonite after pyrite common.	Same
31.0-41.0	9.7	Very light to light gray, thin-bedded, speckled, fine- with occasional medium-fine-grained quartzite. Numerous vertical, hair-thin, quartz-filled fractures. Some limonite after pyrite, especially in lower 2'. At 31', 32', 35.5', 40.5' BRIGHT YELLOW limonite is present. At 31' siliceous boxwork with manganese oxides after chalcopyrite (JEK).	Same
41.0-46.3	5.1	Light gray, medium-fine-grained, thin-bedded quartzite. 1" crushed zone at 42.5' is coarser than adjacent rock. Zone is highly oxidized and contains hematite & limonite together with some fragments of finer-grained material. Crush zone is probably due to movement along bedding plane. Similar zones at 43.4' and 44.0'.	Same

BLEVINS CANYON CLAIMS - Hole #1, June 1955 (Cont'd)

Feet drilled	Feet core	Geology (logged by SJF)	Formation
46.3-51.0	4.6	Light to medium light gray, thin-bedded, fine to medium-fine-grained quartzite. Very speckled from 46.0 to 46.3'. Crush zone from 46.3 to 47.0' is coarse-grained and contains prominent hematitic and limonitic staining, numerous small pits probably after pyrite, and fragments of adjacent rock.	Same
51.0-61.0	9.8	Light to very light gray, interbedded fine- and medium-grained quartzite. Crushed zones as described above at 58.8 & 59.5'. Medium-fine-grained from 60 to 61' containing platy arrangement of oxidized black specks. BRIGHT YELLOW limonite at 51.6 & 60.8'.	Same
61.0-71.0	10.0	Very light gray, thin-bedded, predominantly medium-grained quartzite with occasional medium-fine-grained layers, medium-fine-grained from 70' on. Crushed Zone(?) from 64.5 to 66.0'. Highly speckled from 66 to 67'. BRIGHT YELLOW limonite at 61' and 67'.	Same
71.0-81.0	9.9	Pale yellow-orange grading into gray-orange-pink, medium-fine- to medium-grained, arkosic quartzite. From 79 to 81' becomes pinkish and changes from medium-fine- to medium-coarse-grained. Pits after pyrite common.	Same
81.0-82.0	1.0	Gray-orange-pink, medium-fine-grained, arkosic, quartzite	Same
82.0-90.2	7.6	Gray-orange-pink, medium- to medium-coarse-grained, arkosic, quartzite. At 82' the sandy facies of a channel deposit is apparent. At 87.5' angular quartzitic pebbles are visible. higher radioactivity.	Same
90.2-93.3	3.0	Gray-orange-pink, conglomeratic channel deposit, increasingly clastic with occasional silty beds. Higher radioactivity.	Same
93.3-99.3	5.8	Gray-orange-pink, arkosic, coarse-grained quartzite. Top of the lower Dripping Spring quartzite is at 93.3'.	Lower DS qzte

Core recovery is 94%.

BLEVINS CANYON CLAIMS - Hole #1, June 1955 (Cont'd)

RADIOMETRIC LOG BY PROBING

0 to 18 feet:	0.04 to 0.05 MR/hr, then gradually rising until at
25 feet:	0.08 MR/hr, then falling until at
32 feet:	0.03 MR/hr,
32 to 36 feet:	0.03 MR/hr,
37 to 66 feet:	0.04 to 0.06 MR/hr,
66 to 74 feet:	gradually rising to 0.10 MR/hr, then rising sharply
at 76 feet:	0.25 MR/hr
at 78 feet:	0.50 MR/hr, then dropping
at 80 feet:	0.36 MR/hr,
at 82 feet:	0.30 MR/hr, slightly rising
at 84 feet:	0.33 MR/hr, then dropping
at 86 feet:	0.27 MR/hr,
at 88 feet:	0.20 MR/hr, slightly rising
at 90 feet:	0.24 MR/hr, then dropping steadily
at 94 feet:	0.02 MR/hr to the bottom of the hole.

El Tronic probe standardized so that:

0.10% $_eU_3O_8$ will give 0.70 MR/hr
0.20% $_eU_3O_8$ will give 1.30 MR/hr

BLEVINS CANYON CLAIMS - Hole #2, June 1955

Footage	Recov.	Geology (logged by JEK)	Formation
0- 2.5	2.5	Thin-bedded, very light gray, siliceous siltstone with fine-grained quartzite layers, some disseminated py, some very thin bedding seams with py, cpy, moly(?).	Upper DS qzte
2.5-11.0	6.7	Massive, very light gray, siliceous siltstone, 0.4' thin-bedded, x-bedded zone at 8.5'. Dark blotches (py?) throughout.	Same
11.0-21.3	9.5	Thin- to medium-bedded, pale yellowish brown to light gray, siliceous siltstone. Locally x-bedded. Dark splotches (py?) disseminated throughout but more heavily concentrated in some zones. Some thin lenses of very fine-grained quartzite.	Same
21.3-27.9	6.6	Thin- to medium-bedded, very fine- to fine-grained light olive gray quartzite. Some dark splotches.	Same
27.9-32.2	4.3	Thin-bedded, very fine-grained, yellowish-gray quartzite with small disseminated dark splotches.	Same
32.2-34.2	2.0	Thin-bedded, fine-grained, very light gray to yellowish gray quartzite with some zones of dark splotches.	Same
34.2-40.0	5.8	Thin- and medium-bedded, medium-grained, yellowish gray, arkosic (10 to 30% feldspars) quartzite. Oxidized and fractured at 41'.	Same
40.0-43.8	3.6	Same as above but with very fine-grained, thin-bedded quartzite zones.	Same
43.8-47.8	3.8	Fine-grained, greenish gray, quartzitic graywacke. 45 to 46' has many large black splotches (py?).	Same
47.8-50.2	2.4	Massive, light olive gray, siliceous siltstone with small spherical splotches (py?) surrounded by brown oxidation zones.	Same

BLEVINS CANYON CLAIMS - Hole #2, June 1955 - Cont'd

Footage	Recov.	Geology (logged by JEK)	Formation
50.2-52.6	2.2	Very light gray, coarse-grained, locally stratified quartzite containing considerable hematite.	Same
52.6-57.5	4.4	Massive with some thin-bedded, yellowish gray, siliceous siltstone. Small disseminated dark splotches (py?). Large splotches from 52.6 to 53.6'.	Same
57.5-58.1	0.6	Same as 50.2 to 52.6'.	Same
58.1-60.6	2.5	Very light gray, massive, fine-grained, arkosic quartzite.	Same
60.6-68.7	7.4	Massive, very fine-grained, grayish orange-pink quartzite, thin-bedded for the first foot.	Same
68.7-79.8	10.0	Coarse- to very coarse-grained, pale pink quartzite with some feldspar grits. Channel deposit. Higher radioactivity.	Same
79.8-83.2	3.2	Coarse- to very coarse-grained, slightly stratified, pale red-purple, arkosic quartzite. 80.5 to 82.0' contains elongated pink pebbles up to 0.03".	Same
83.2-83.5	0.3	Very thin-bedded, brownish gray siltstone.	Same
83.5-91.0	6.5	Massive, medium- to coarse-grained, pale purple, arkosic (25% feldspars) quartzite.	Lower DS qzte

92.5% core recovery

BLEVINS CANYON CLAIMS - Hole #2, June 1955 (Cont'd)

RADIOMETRIC LOG OF PROBING

0.0	to 6.0	feet	: gradually rising from 0.03 to 0.10 MR/hr
6.	to 20.	feet	: gradually falling from 0.10 to 0.07 MR/hr
20.	to 26.	feet	: gradually rising from 0.07 to 0.10 MR/hr
26.	to 42.	feet	: gradually falling from 0.10 to 0.05 MR/hr
42.	to 50.	feet	: gradually rising from 0.05 to 0.10 MR/hr
50.	to 66.	feet	: 0.10 MR/hr, starting to rise
	at 68.	feet	: 0.20 MR/hr, rising sharply
	at 70.	feet	: 0.80 MR/hr, falling sharply
	at 73.	feet	: 0.20 MR/hr, rising sharply
	at 76.	feet	: 0.80 MR/hr, falling sharply
	at 78.	feet	: 0.25 MR/hr, falling gradually until
	at 86.	feet	: 0.03 MR/hr
86.	to 91.	feet	: 0.03 MR/hr

El Tronic probe so standardized that

0.10% $_eU_3O_8$ gives 0.60 MR/hr

0.20% $_eU_3O_8$ gives 1.30 MR/hr

BLEVINS CANYON CLAIMS - Hole #3, June 1955

Feet Drilled	Feet core	Geology (by SJF)	Formation
0. - 2.0	1.8	Mottled, yellow-gray to light olive-gray, fine-grained quartzite; lower half has irregular, wavy, dark bands.	Upper DS qtzte
2.0- 7.0	4.7	Mottled, yellow-gray to light olive-gray, fine-grained quartzite. 2½' quartz-filled fracture. Some irregular wavy, dark banding.	Same
7.0- 9.5	2.3	Mottled, yellow-gray to light-olive-gray, fine-grained.	Same
9.5-19.0	9.1	Mottled yellow-gray to light olive-gray, fine- to medium-grained quartzite. Numerous short hair-thin fractures. Broken surfaces stained black and limonite-yellow.	Same
19.0-27.0	7.6	Same as above. At 21.5' there is ½" to 3/4" very coarse band. Limonite, hematite, and black staining on fracture surfaces.	Same
27.0-29.0	1.7	Gray, orange, pink, medium- to fine-grained, silty quartzite with numerous irregular, dark pink, wavy bands. Limonite, hematite and black staining on fracture surfaces.	Same
29.0-39.0	9.6	Gray, orange, pink, to light gray, fine- to medium-grained quartzite. 1½'-2' section is silty. Bottom 3½" is extremely "pitted". Limonite and black staining on fracture surfaces. Dark irregular wavy banding.	Same
39.0-49.0	9.7	Upper 6'; light to medium light gray, bottom 4': gray-orange to light brown. Mostly medium-grained with interbedded fine-grained, silty quartzite. Upper 1' has numerous wavy thin bands (possibly due to carbon). From 41½' to 42½' core is highly oxidized and pitted. limonitic and hematitic staining on fracture surfaces.	Same

BLEVINS CANYON CLAIMS - Hole #3, June 1955 - (Cont'd)

Feet Drilled	Feet core	Geology (by SJF)	Formation
49.0-59.0	9.8	Upper and lower portions are gray-orange-pink, middle is light to medium light gray. Medium-grained with a few thin zones of silty, fine-grained quartzite.	Same
59.0-60.3	1.2	Gray-orange, fine-grained, silty quartzite. Visible torbernite and/or metatorbernite. Maximum reading in core scanning of 0.45 MR/hr against 0.03-0.12 MR/hr for rest of core.	Same
60.3-69.0	8.5	Pale red to gray-orange-pink medium-grained quartzite. Bottom 7' is medium- to coarse-grained with occasional bands of subangular pebbles, probably a channel deposit. Bottom 1½' contains interbedded olive-gray mudstone showing visible torbernite and/or metatorbernite flakes.	Same
69.0-74.0	4.6	Light to very light gray, coarse-grained, more quartzitic quartzite. Very dense and hard.	Lower DS qzte

RESULTS OF PROBING - El Tronic probe.

0' to 57.0' : 0.03 to 0.12 MR/hr, rising suddenly to
at 59.0' : 3.0 MR/hr, then dropping rapidly to
at 61.2' : 0.10 MR/hr and holding about that to 67.0' then raising to
at 68.0' : 0.60 MR/hr and dropping back to
at 69.0' : 0.10 MR/hr and gradually dropping to
at 74.0' : 0.04 MR/hr.

PROBE STANDARDIZED TO GIVE: 0.60 MR/hr on 0.10% $_eU_3O_8$
1.40 MR/hr on 0.20% $_eU_3O_8$

96% core recovery.

DMEA
DEPARTMENT OF THE INTERIOR
MAY 8 - 1957
REGION III
DENVER, COLORADO

May 8, 1957

Memorandum

To: W. R. Storms

From: Superintendent, Denver Experiment Station, Reg. III

Subject: Docket DMEA 4734 (Uranium) Neptune Uranium Corporation (Blevins Canyon Claims) Gila County, Arizona

Enclosed please find the application for Neptune Uranium Corporation, Docket DMEA 4734, in the amount of $36,772.06 which was received in this office on May 8, 1957.

A field examination and suitable report are required. The completed report should be forwarded directly to the Acting Executive Officer, with a copy of the memorandum of transmittal to this office.

W. H. KING

W. H. King

Enclosure

cc: Acting Executive Officer (3)
B. W. Harshman
W. L. Emerick

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 13 1957

DATE		CODE
5	13	220
		700

WO (2)

224 New Customhouse
Denver 2, Colorado

May 7, 1957

Memorandum

To: W. L. Emerick, W. H. King } W/enclosures, Items 1-5, Below

From: DMEA Field Team, Region III

Subject: Docket DMEA 4734 (Uranium) Neptune Uranium Corporation (Elevins Canyon Claims) Gila County, Arizona

Enclosed is the following material relating to the subject docket.

1. Copy of application for Government assistance in exploration work under the DMEA program.
2. Memorandum of Review by James Paone, USBM.
3. Memorandum of Review by W. P. Williams, USGS.
4. Letter of transmittal of the foregoing to this office, dated May 3, 1957, from the Chairman, Operating Committee, DMEA.
5. Routing Control Sheet.

A joint report of recommendations based on available information or a joint report of findings and recommendations based on a field examination is requested.

If the field examiners view the project proposal favorably, the Applicant should be instructed that it must comply with those requirements listed in the Chairman's letter. Additionally, the field examiners should determine the correct spelling of the claims proposed for subordination.

Twelve extra copies of each map used in the joint report which show the land to be subordinated and the location and extent of recommended work, relative to property boundaries, should be submitted if Government participation is recommended.

The Bureau of Mines' copy of the application should be returned to this office with the joint report of examination. The Survey's copy of the application is to be returned to Mr. Harshman's office.

Original Signed
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer

Enclosures

NEM:ah

cc: Sec. Op. Comm. (2)
Harshman W/enclosures, Items 2-4
King
Docket
Chron.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5-2	Ellis	700
5/3	Selbridge	130
5/3	Lamb	130
5/3	Nelson	130
"	Johnson	110
"	Mittendorf	100
5/6	JWD	220
		700

Mr. Sam Crivello, President
Neptune Uranium Corporation
520 Ash Street
San Diego, California

MAY - 3 1957

Re: Docket No. DMEA-4734 (Uranium)
Blevins Canyon Claims
Gila County, Arizona

Dear Mr. Crivello:

The application for assistance in exploring your 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. E. N. Marshman
Acting 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,

C. O. Mittendorf (for)

Administrator

Mr. Ellis/dlm 5-2-57
cc to: Admr.'s Reading File
DMEA Field Team, Region III (2)
Code 700

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5/2	Ellis	700
5/3	Selfridge	130
"	Goldman	110
"	Matteucci	100
		~~110~~
		~~100~~
		228
		700

MAY - 3 1957

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

Re: Docket No. DMEA-4734 (Uranium)
Neptune Uranium Corporation
Blevins Canyon Claims
Gila County, Arizona

Dear Mr. Harshman:

The subject application is being referred to you for investigation, a field examination if deemed advisable, and recommendations.

Enclosed are memoranda, dated April 26 and 29, 1957, by W. P. Williams, USGS, and James Paone, USBM, respectively, relating to the application. Also enclosed are two copies of the application for the use of the Field Team.

The application lacks a claim map. However, the remainder of the application seems to be fairly well presented so a claim map was not requested prior to this field referral. If a field examination is made, the correct spelling of the claim name Blevins (Blevens) can be ascertained.

If a project is recommended we will require a Consent to Lien and Subordination Agreement from Tom Russell and George M. Hill. Also, although you state that the Applicant intends to do its own drilling, bids from at least two independent contractors should be obtained if at all possible.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GLB)

Enclosures

APPROVED:

Frank D. Lamb (GLB)
Member, Bureau of Mines

N. E. Nelson (GLB)
Member, Geological Survey

Mr. Ellis/dlm 5-2-57
cc to: Admr's Reading File
Operating Committee
THKiilsgaard, 5224
Code 700

8623

OFFICIAL FILE COPY
DMEA
RECEIVED APR 30 1957

DATE	INITIALS	CODE
4/30	C	220
4/30	Ellis	700

complete

[illegible]
[illegible]
[illegible]
Washington 25, D. C.

Date April 29, 1957

DMA Docket No. 4734
DMA Contract No.
Commodity Uranium
Name of applicant Neptune Uranium Corp.
Name of property Blevins-Canyon Claims
Location of property Gila Co., Arizona
Estimated cost of project $36,772.06

[illegible] Ernest William Ellis, DMEA Member
Uranium Commodity Committee
[illegible] James Paone, Bureau of Mines Alternate Member
Uranium Commodity Committee

Application

[illegible]

[illegible] 4/17/57 [illegible] 4/26/57

[illegible] Yes [ ] No [ ]

[illegible] Yes [ ] No [ ]

[illegible] Yes [ ] No [ ]

[illegible] Yes [ ] No [ ]

[illegible]

[illegible]

[illegible]
a. Location [ ]
b. Geology [ ]
c. Degree of information [ ]
d. Security [ ]
e. Proposed exploration method [ ]
f. Alternate exploration method [ ]
g. Costs [ ]
h. [ ]

9. Action taken:
a. Obtain information from applicant [ ]
b. Refer to field team [x]
c. Denial [ ]
d. Agree with field team [ ]
e. Discuss with field team [ ]
f. Suggest alternate plan [ ]
g. Request another contract on [ ]
h. Approval [ ]
i. Consult with Mr. [ ] at [ ] AEC office

10. Remarks (Use back of page if necessary)

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

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED APR 29 1957

DATE	INITIALS	CODE
4/29	C	220
"	Ellis	700

April 26, 1957

Memorandum

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

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

Subject: Review of application, DMEA 4734, (uranium), Neptune Uranium Corporation, Blevins Canyon claims, Gila County, Arizona

The applicant proposes to explore for uranium ore deposits in the Dripping Springs quartzite. The property involved consists of 11 mining claims located in the Sierra Ancha mining district of Arizona.

The proposed project would consist of 27 drill holes at a total estimated cost of $36,772.

Although some adit drifting has been done on the property, no ore has been produced. Assay returns from three samples were very high in U_3O_8. The nature of the samples is not stated.

Past DMEA contracts in the Dripping Springs quartzite have not met with significant success. Although small, high grade samples may be found in the quartzite, the problem exists of developing enough ore-grade tonnage to delineate a significant ore deposit.

I recommend that the application be referred to the Field Team for possible field examination and report.

W. P. Williams

W. P. Williams

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

April 25, 1957

Mr. Sam Crivello, President,
Neptune Uranium Corporation,
520 Ash Street,
San Diego, California.

Subject: DMEA 4734
Re: Exploration Assistance

Dear Mr. Crivello:

Your application for exploration assistance, dated April 17, 1957, submitted to our office at Denver, Colorado, has been assigned Docket Number DMEA 4734 and referred to the Rare & Miscellaneous Metals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Chief
Operations Control and
Statistics Division

Copy to: Region III.

3571