DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 4887

Application
- [x] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1: 50 %

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [ ] Project summary (final)
- [ ] Work Comoleted analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

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

Folders No._____: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

17963

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1605 Evans Avenue
Reno, Nevada

November 27, 1957

ORIGINAL FILE COPY
DMEA
RECEIVED DEC 2 1957

DATE	INITIALS	CODE

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

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

Subject: Loan Application (Uranium)
Ord Mountain Mining Corp.
Ord Mountain Mining Corp. property
San Bernardino County, California

Enclosed are three sets of MF-103 Application for Aid forms relative to the above subject. The fourth set has been retained in our files.

Roscoe M Smith

Roscoe M. Smith

Atts.

Form MF-103
Revised Feb. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1035.3
Approval expires June 30, 1958

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

NAME OF APPLICANT (Full legal name and mailing address as it should appear on contract if one is executed)

Ord Mountain Mining Corp.
60 West Main St.,
Los Gatos, Calif.

RECEIVED
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D.M.E.A.
MINERAL DEPOSITS BRANCH

APPLICANT NOT TO USE THIS BLOCK

Docket Number: DMEA-4887
Date Received: 12/2/57
Government Participation %:
Region: II
Division Code: 700

BUSINESS ORGANIZATION (Check one)

- Individual [ ]
- Corporation [X]
- Partnership [ ]
- Other (Specify) [ ]

State in which firm is organized: California Corp.

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
Arthur Wallace	17466 Shelburne Way, Los Gatos, Calif.	President
Wayne Pierce	60 W. Main St., Los Gatos, Calif.	Vice-Pres.
John L. Aikman		Sec.-Treas.

Mineral(s) for which you wish to explore: Uranium (U_3O_8)

Estimated Cost of Project: $ 19,216.00

LOCATION OF PROPERTY

Name	County	State
Ord Mountain Mining Corp.	San Bernardino	Calif.

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order-I, Amended, "Government Aid in Defense Exploration Projects." To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit four copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 2(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA Field Office.*

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.

Nov 12 - 1957
Dated

Arthur M Wallace
BY (Signature)

President
Title

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. *Applicant's Property Rights:*

(a) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *Physical Description:*

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves on the property giving quantities and grades and sampling methods used, supporting your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken; describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *property boundaries* or to the closest identifiable corner.

(b) If an access road to the project must be built, show the location on the property map and state the length, type, and construction methods proposed.

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. *(Note* – If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant, which will be used on the exploration project.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration project stating specifications and cost including labor, materials and supervision.

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(e)*. Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories.

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)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Amended.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC., WASH., D.C. 15539

1. (a) LEGAL DESCRIPTION: All parcels of real property in the Ord Mountain Mining District, County of San Bernardino, State of California, all being located in Section 12, Township 6 North, Range 1 West S.B.B. and M. known as:

Claim Name	Index No.	Book No.	Page No.
Birthday Present No.1	339	372	233
" " No.3	359	382	234
" " No.4	360	382	236
" " No.5	390	381	436
" " No.6	391	381	438
G & H No. 2	358	382	232
G & H No. 3	256	382	300
G & H No. 4	257	382	302
Independent	511	382	420
Last Gap	512	382	422
Mill Site	397	372	280

(b) Ord Mountain Mining Corp.

(c) Lessee. (Lease agreement enclosed)

(d) None.

2. (a) PHYSICAL DESCRIPTION: All claims have assessment holes to validate claim: Size 4 x 6 x 10 feet.

Referring to the attached scale enlargement of Ord Mountain topographic map and sketch of same area, an access road has been graded to the exploration workings made by present owners, Ord Mountain Mining Corp. These consist of the following:

Area "A" moderated radioactivity indicated by Gieger counter. "Top of ground" samples sent for assay. Results 0.55% U_3O_8. About a 4 x 6 x 6 foot hole was dug in this area.

It was then decided to drift into the mountain just below this point because similar conditions existed there. The adit now extends approx. 60 feet into the mountain. Several veins have definitely been identified, but large pockets or extended veins of high grade ore have not been located to date. Approximately 6 tons of ore have been hand selected from this area and representative samples of same are being studied by Dr. D. F. Hewett of the Government Survey Office, Menlo Park, California. It is their opinion, at this time, that the ore bearing material in this area is of the veinal structure, but the main contact or fracture has not yet been explored. Six cores to 75 ft average depth have been drilled in the vicinity of the entrance to the adit and on the entrance thereto. Results from this coring operation are undecisive because when drilling through fractures or porous materials, drilling water was lost, and no solid cores were taken from those areas. However, realizing these areas were probably the most likely to contain ore, a G. M. tube was lowered into the core holes and radioactivity was indicated in many for distances ranging from 2 to 8 feet. Most of the signs indicate to us that larger veins will be found below our present exploration adit.

To the west of the adit, indicated on the enlargement as Area D, after an exploration blast the white granitic rocks were found to be coated with a thin yellow, highly radioactive, film of the carnotite group. This is believed to be a secondary emission from a primary pitch blend source in the area.

2. (a)
Cont'd Upon consultation with geologists, a black rock formation was observed from area D over the adit towards area C. This appears to be some kind of shelf or table. There is speculation that perhaps an ore bearing contact may be expected along this line. The black rock itself is not radioactive, but the areas below and alongside have shown most activity. Following this assumption, exploration work was started at Area C. A kidney-shaped pocket approx. 2 x 3 x 15 feet was found 6 feet below the surface. Assay report with results 4.86 per cent U_3O_8 (enclosed).

Preliminary examination of samples from this area by geologists of the Government Survey Office, Menlo Park, California, indicate that the ore in this area is of true pegmatite catagory and pitch blend has been identified as present in most samples.

(b) All work described in Section 2 (a) was performed by the Ord Mountain Mining Corp.

(c) There has been to date no past or current production.

(d) Refer to Physical Description, section 2 (a) and Exploration Project, Section 4 (a).

(e) No further information to add to description given in Section 2 (a) of this application and enclosed assay copies.

(f) Described in detail in Section 4 (a) of this application.

(g) All maps, assay reports, etc. submitted with this application need not be returned.

3. (a) To aid the DMEA representatives, please contact:

Arthur M. Wallace,
(Residence) 21951 Lindy Lane,
Cupertino, Calif. Phone ALpine 2-0202

(Business) 17466 Shelburne Way,
Los Gatos, Calif. Phone ELgato 4-3456

The property is 20 miles south of Barstow, California on the Bear Valley Road, to Lucerne. The turn-off is a graded, unimproved, dirt road, indicated on the U.S. Geological Survey Map of Ord Mountains, California. The accessibility to the property and mine workings is excellent for any type of automotive vehicle.

(b) At present the nearest mill to the property is the Verde Development Co. at Mojave, California, 87 miles distant.

4. (a) EXPLORATION PROJECT: Upon reexamination of the data presented in the "Physical Description" of the property section of this application, and discussions with geologists and Mr. Harry Nelson, a field engineer of the AEC who visited our property, we feel justified in proposing further exploration work along the following lines:

1. To start a new 6 x 6 x 200 ft. maximum adit into the base of the mountain at a point about 160 ft. below and 80 ft. to the west of the present adit, as indicated in red on the enclosed enlargement sketch. The factors which led to this decision are as follows:

a. Most of the promising radioactive readings are found in the areas below the black rock shelf.

4. (a)
Cont'd

b. The cores that were taken indicate many fracture zones or contacts at varied depths.

c. The rock structure is primarily in layers at an angle of approximately 30° to the horizontal and the veins seem to follow this angle, rising from below.

d. The presence of the yellow carnotite film on the rocks in Area D is believed to be secondary emission from a primary source such as pitch blend, which has been identified in the area, rather than a depositary type action such as may be caused by the action of water seepage. This infers the primary source must be below our present workings.

By starting our adit as suggested and proceeding somewhat in a Northeasterly direction as indicated on the Map, we expect to encounter a major fault of contact that is believed to exist (also indicated on the enclosed Map).

At Area C we feel further "open trench" type exploration is adequate to search for additional pegmatite type deposits such as we discovered in the "pocket" already described. We suggest open trench 6' x 6' x 150' (200 cu. yds.)

(b) An access road must be graded to the proposed new adit, and the existing roads should be widened for easier accessibility of heavy equipment. Total cost estimated at 24 hrs. dozer work at $11.00 an hr (contracted), $264.00.

(c) Work can be started within 30 to 60 days of a contract. Anticipated progress of 4 ft. per 8 hr. shift in the adit, or 50 working days, 2-1/2 mo. total, for the 200 ft estimate to be completed.

Open pit type work is estimated at 10 cu. yd moved per 8 hr. shift, or 20 working days.

5. EXPERIENCE: Arthur Wallace is scheduled to supervise the proposed work. His past experience is as follows: To date he has supervised and assisted in the work that has been performed on the property. As a partner in an Almaden quicksilver mining venture in Santa Clara County he has performed similar tasks. He is a co-owner of Wallace Bros. Mill and Cabinet Shop, Los Gatos, Calif. He has built 5 homes and 6 warehouses. He is presently president of Ord Mountain Mining Corp.

John Aikman: Assistant supervisor and laborer. Truck driver 16 years, built own home, assisted Wallace on warehouses; mobile equipment mechanic.

Should we find it necessary or on the suggestion of DMEA officials, after a contract has been issued, to avail the project with additional competent experienced mining supervisory and technical assistance, they will be hired.

6. All work to be done is in granitic type rock.

DRIFTING - 200 ft @ $30.00 ft.	$6,000.00
OPEN PIT EXPLORATION - 200 cu. yards @ $10.80 cu. yd.	2,160.00

(a) NONE EXPECTED.

(b) PERSONAL SERVICES:

SUPERVISION	$30. a day	(5 day week (for 12 wks	$1800.00
LABORERS	$18. to $20. a day		
GEOLOGICAL SERVICES:			
a. Geologist	$75. a day	1 day/week	900.00
b. Engineer	$40. a day	1 day/week	480.00
BOOKKEEPER, PAYROLL, RECORDS,	$25. a day,	1 day/week	300.00
			$3480.00

(c) OPERATING MATERIALS & SUPPLIES:
(Not included in overall cost of work)

Water Procurement	$3./day	5 day week/12 wks	$ 180.00
Fuel for trucks, equipment such as compressor, generator, core driller, 55 gals. gas/day @ 30¢/gal. $16.50/day			884.00
Lube oil	5 gal/day @ $1,10 gal.		330,00
Hand tools:	shovels 6 @ $3. picks 6 @ $3. etc.		50,00
Wheel barrow:	2 @ $40		80.00
Miners lights	6 @ $8		48.00
Safety equip., first aid, fire ext. etc.			50.00
			$1602.00

(d) OPERATING EQUIPMENT:

On Hand		
Compressor (Jaeger 105)	Fair mkt. value	1275.00
Jack hammer & access.	do	1000.00
Tractor (Oliver)	do	3200.00
Truck (Dodge pwr. wgn.)	do	1000.00
(X-Ray) Core drill & access.	do	2000.00
Water tank, 800 gal.	do	125.00

Needed (Suggest purchase)	Est. cost:
Generator	$600.
Lighting & vent. equip.	200.
200 ft. track & 1 ore car	400.
Bits for Jack hammer 20-5' @ $19.00 ea.	380.
20-2' @ $14.00 ea.	280.
Core drill diamond bits @ $46.00 ea.	2000.
	$3860.00

(e) INITIAL REHABILITATION & REPAIRS:

None.

(f) We suggest construction of a combination tool and storage shed for equipment, size 18 x 24 feet. Construction:

2 x 4 frame galvanized corrugated metal covered building to be constructed by Ord. Mt. Mining Corp.	$475.00
(f) MISC.:	
Cost of maintenance and repairs to operating equipment $200.00 a month	$800.00
Liability Insurance $175.00/6 mo.	175.00
Workman's compensation $100.00/mo. (6 employees (Avg.) at $400/mo.	400.00
	$1375.00

7. (a) Ord Mountain Mining Corp. is prepared to furnish our share of the cost of the project.

   (b) Cash.

   (c) Use of equipment.

BILL OF SALE

Reference is hereby made to that certain lease dated February 24, 1956 between R. J. Gieske, Eugene C. Hancock and June M. Hancock, LESSORS, and Henry A. Shute, Alfred Shute, Arthur M. Wallace, Jim M. Wallace, John L. Aikman, Jr., W. J. Cotton, Josef Kalin and Wayne Pierce, LESSEES, which lease has been duly assigned to the Ord Mountain Mining Corporation, a California corporation.

Further, reference is made to that certain Agreement of Sale dated July 12, 1956, between Henry A. Shute and Marie Shute, Alfred Shute and Mary Lou Shute, SELLERS, and Arthur M. Wallace, Jim M. Wallace, John L. Aikman, Jr., W. J. Cotton, Josef Kalin, and Wayne Pierce, PURCHASERS; and

Reference is further made to that certain Supplemental Agreement for Sale dated July 24, 1956, between Henry A. Shute and Marie Shute, Alfred Shute and Mary Lou Shute, SELLERS, and Arthur M. Wallace, Jim M. Wallace, John L. Aikman, Jr., W. J. Cotton, Josef Kalin and Wayne Pierce, PURCHASERS.

NOW, THEREFORE, the undersigned, for valuable consideration, receipt of which is hereby acknowledged, do hereby transfer all of their right, title and interest in and to all of the real property, mining claims, etc. described in said documents, to the Ord Mountain Mining Corporation, a California corporation.

DATED: November 12, 1957.

Arthur Wallace

Jim M. Wallace

John L. Aikman Jr.

W. J. Cotton

Jos. Kalin

Wayne Pierce

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DATE	INITIALS	CODE

AGREEMENT FOR SALE

THIS AGREEMENT, made this 17 day of July, 1956, by and between HENRY A. SHUTE and MARIE SHUTE, ALFRED SHUTE and MARY LOU SHUTE, hereinafter called the Sellers, and ARTHUR M. WALLACE, JIM M. WALLACE, JOHN L. ALMAN, JR., T. J. COTTON, JOSEF KALIN and WAYNE BIERCE, hereinafter called the Purchasers,

WITNESSETH: That for and in consideration of the covenants and agreements on the part of the purchasers herein contained, the sellers agree to sell and convey to the purchasers, and the purchasers agree to buy the following described real property situate in the County of San Bernardino, State of California, and described as follows, to wit:

> All of the right, title and interest of the Sellers herein to that certain lease agreement made and entered into on the 24th day of February, 1956 between the following named parties as Lessors:
>
> R. J. Cheere
> Eugene [illegible]
> June M. Vancuck,
>
> and the following named parties as Lessees:
>
> Henry A. Shute
> Alfred Shute
> Arthur M. Wallace
> Jim M. Wallace
> John L. Alman, Jr.,
> T. J. Cotton
> Josef Kalin
> Wayne Bierce;
>
> together with all equipment, cash on hand, money in bank, and other assets of the lessees pertaining to the Red Mountain Mining Corporation venture.

The full purchase price shall be Five Thousand ($5,000.00) Dollars, lawful money of the United States, of which the purchasers agree to pay Five Hundred ($500.00) Dollars upon the execution and delivery of this agreement, receipt whereof is hereby acknowledged, and the balance of Forty-Five Hundred ($4,500.00) Dollars to be paid as follows: Said balance to be paid when the San Jose Abstract & Title Company has issued a title policy, at purchasers' expense, showing the claims described in said lease of February 24,

1956 to be owned by R. J. Gieske, Eugene C. Hancock and June H. Hancock free and clear of encumbrances other than the rights of Lessees under said lease of February 24, 1956.

DATED: July 12, 1956.

Henry A. Shute

Henry A. Shute

Marie Shute

Alfred Shute

Mary Lou Shute

Sellers

Arthur J. Wallace

Arthur J. Wallace

John F. Wallace

John F. Wallace

John L. Wilman, Jr.

W. J. Cotton

Josef Kalin

Josef Kalin

Wayne Pierce

Wayne Pierce

Purchasers

LEASE AGREEMENT

THIS AGREEMENT, made and entered into this 24th day of February, 1956, by and between the following named parties as "Lessor":

R. J. Giesko, P.O. Box 787, Whittier, California

Eugene C. Hancock, 13644 Allegan Street, Whittier, California

June M. Hancock, 13644 Allegan Street, Whittier, California

and the following named parties as "Lessee":

Henry A. Shute, Box 474, Barstow, California

Alfred Shute, Box 474, Barstow, California

Arthur M. Wallace

Jim M. Wallace

John L. Aikman, Jr.

W. J. Cotton

Josef Kalin

Wayne Pierce

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WITNESSETH:

WHEREAS, Lessor Giesko and Lessor Hancock each represents that he is the sole owner of one-half of all the mineral rights including, but not limited to, uranium ore, of those parcels of real property (the premises herein) located in San Bernardino, California and described as follows:

Those parcels of real property in the Ord Mining District, County of San Bernardino, State of California, all being located in Section 12, Township 6 North, Range 1 West S.B.B and M known as:

Claim Name	Index No.	Recorded Book No.	Recorded Page No.
Birthday Present No. 1	339	372	253
" " No. 3	359	382	234
" " No. 4	360	382	236
" " No. 5	390	381	436
" " No. 6	391	381	438
G. & H. No. 2	358	382	232
" " No. 3	256	382	300
" " No. 4	257	382	302
Independent	511	382	420
Last Gap	512	382	422
Mill Site	397	372	280

WHEREAS, Lessee desires the exclusive right to enter upon

and under said premises for the purpose of prospecting, discovering, exploring, developing, mining and removing minerals, metals, ores (metallic and non-metallic, of all descriptions) and all other substances, "Products", exclusive only of oils, asphaltum and related hydrocarbons (which substances are referred to herein as "Products"), during the term of this lease, and the exclusive right, during said term, to conduct mining, extracting and milling operations, including operations reasonably related thereto, upon and under said premises.

NOW THEREFORE, it is mutually agreed by the parties hereto as follows:

1. That the eight Lessees named herein shall own the portion of this lease and the right to the use of the premises covered thereby in the percentages and amounts that appear following their names, to wit:

Henry A. Shute	22½%
Alfred A. Shute	22½%
Arthur M. Wallace	11¼%
Jim M. Wallace	11¼%
John L. Akiman	11¼%
W. J. Cotton	11¼%
Josef Kalin	5%
Wayne Pierce	5%

2. That any and all mining claims as and when the same are claimed or made by any of the parties hereto whether Lessor or Lessee shall become the property of the Lessor and be added to this agreement if the same adjoin or abutt on any of the claims heretofore described.

3. That the parties hereto which are parties to that former lease covering a portion of the above cited property dated the 16th day of July, 1955, hereby covenant and agree that the said

former lease and Agreement shall be terminated and canceled in its entirety and be of no further force and effect whatsoever.

4. The Lessors hereby acknowledge receipt of $1,000.00 which said sum shall be credited on advance royalties under this lease and the former lease so that the first monthly royalty of $100.00 as provided for herein shall be and become due on June 1, 1956.

5. Lessee agrees to make all improvements and so such work on the Premises as is required by the laws of the United States and the State of California, or any subdivision thereof, both immediately and annually during the term of this Agreement, to hold possession of the Premises for the Lessors.

6. Lessor agrees to do all acts required to be done by the holder of a mining claim by the laws of the United States and the State of California, including any subdivision thereof, including but not limited to amended location notices, affidavits of performance of work, the filing of notices and any other document or affidavit required by said laws.

7. Lessee shall have the right, if by reason of the action of any third party, any right granted to the Lessee by the terms of this Agreement is interfered with or made subject to the right of any said third person, to terminate this Agreement as to any one or more of the parcels of real property, defined as the premises herein, while retaining the right to operate, under the terms of this Agreement, on those parcels where the rights granted are not to terminate by the Lessee in accordance with this paragraph.

8. The term of this lease shall be for a period of twenty-five (25) years from the date hereof unless sooner terminated in any manner as hereinafter provided.

9. Lessee shall pay to Lessor a royalty of twelve per cent (12%) of the gross proceeds received by Lessee from the sale of all

minerals and products produced from the premises during a calendar month. As used in this lease, the term "gross proceeds" is hereby defined to mean the entire proceeds of the ore mined, less the cost of freight and treatment of the ores. Notwithstanding the foregoing, Lessee shall pay Lessor a guaranteed minimum royalty of One Hundred Dollars ($100.00) per month, commencing on the first day of the second month of the term of this lease. Said $100.00 per month minimum royalty shall be payable on the first day of the second month of the term of this lease and on the first day of each month thereafter until the expiration of the term of this lease or its earlier termination. All minimum monthly royalty payments made by Lessee shall be credited against the royalties due Lessor, based upon the amount of the gross proceeds received by Lessee from the sale of all minerals and products produced from the premises.

10. All royalty payments to be made by Lessee to Lessors pursuant to the terms and conditions of this lease, shall be divided equally between, and said share shall be paid by Lessee directly to Lessor Gieske and Lessor Hancock in the manner as provided for in paragraph 19 below. Any change in the division of said payments due to Lessors, or in the place of payment, shall not be deemed to be effective until notice is given to Lessee in the manner as provided for in paragraph 19 below.

11. Lessee shall operate the premises and conduct its operations thereon in a careful and prudent manner complying with all applicable laws, statutes, regulations and rules, whether of the United States, the State of California, the County of San Bernardino, or any subdivision thereof.

12. Lessee shall furnish Lessors with a monthly statement showing all products produced and sold from the premises and shall, on or before the 20th day of each month, pay to the Lessors all royalty or royalties owing on products produced and sold from the

premises in the preceding month. Lessee agrees to keep accurate books and records, which shall be open to the inspection of the Lessors at all reasonable times during business hours at Lessee's principal offices. Lessors shall have the right to inspect all returns or reports received by Lessee from all mills, smelters or mints pertaining to products produced and sold from the premises.

13. Lessors shall be entitled to enter upon the premises at all reasonable times, whether in person or by agent authorized in writing, for the purpose of inspecting all mining operations of Lessee on the premises.

14. Lessee shall have the right to construct such buildings, improvements, structures and utility facilities on the premises as are necessary or convenient for its operations and to use such water without charge therefore as has been or may be developed by Lessee on the premises.

15. Lessee may at any time, upon thirty (30) days prior written notice to Lessors, elect sooner to terminate this lease by executing and delivering to Lessors said notice and a quit-claim deed surrendering to Lessors all interest of Lessee in said premises effective at the end of said thirty (30) day period. Until the effective date of sooner termination, as aforesaid, all terms of this lease, including, but not limited to, the duties of Lessee to pay royalties as provided in 9 and 10 above, shall remain in full force and effect.

16. Lessee shall pay all taxes on improvements made by it upon the premises, and all taxes upon minerals stock-piled on the premises on the first Monday of March in each year until termination of this lease. Lessors agree to pay all taxes relating or allocable to the land, as such (excluding improvements) which comprise the premises. Lessee agrees that it will hold Lessors harmless from any and all liens, claims, demands or actions at law arising out of Lessee's use and occupation of the premises that arise after the

effective date of this lease and have no connection with any previous claim or claims and or person or persons.

17. Should the Lessee fail to comply with any material terms or conditions of this lease, Lessors shall deliver to Lessee a notice in writing specifying such failure and demanding that the same be cured. Unless and until (and subject to 15 below) Lessee shall fail to cure or remedy such specified failure within a period of thirty (30) days following delivery to Lessee of such notice (in accordance with 20 below), no default or breach of this lease by Lessee shall be deemed to exist; if, however, Lessee shall not within said period cure such specified default, then (subject to 15 below) a default hereunder on Lessee's part shall be deemed to exist and Lessors may, at their option, elect to terminate this lease, re-enter the said premises and oust all persons found in possession thereof.

18. The obligations of the lessee hereunder shall be suspended (and Lessee shall not be in any default hereunder) while and for a reasonable time after Lessee is prevented from complying therewith, in whole or in part, by strike, lockouts, boycotts, Acts of God or other conditions beyond the control of the Lessee.

19. Any and all notices, remittances, statements, or demands which any party hereto may be required or desire to deliver to the other party hereto shall be in writing and shall be deemed delivered when handed to either Lessor, if Lessors are the addressee, or to a corporated officer of Lessee, if Lessee is the Addressee, or the same may be mailed by depositing the same in any United States Post Office in California, full postage (including air mail, if appropriate) and registry fees prepaid, addressed to the appropriate of the addresses first above written, and if mailed postpaid as aforesaid, shall be deemed delivered (1) when deposited in such Post Office, for the purpose of computing time within which the mailing party is required or chooses to act hereunder, the (11) when the

same is delivered through the mails to the address to which sent, for all other purposes, including, but not limited to, the commencement of time within which the addressee may be required or chooses to undertake any action hereunder.

20. Nothing herein contained shall be construed to deny to Lessors the right to use or control the use of the surface of the premises so long as such use shall not interfere with the then or future operations of Lessee pursuant to this lease. Lessee shall be permitted ingress and egress over the entire premises for the purpose of carrying on its operations hereunder, and nothing herein contained shall prevent Lessee from conducting its operations on the premises.

21. Upon termination of this lease (by expiration of the term hereof or upon any sooner termination in accordance with any provision hereof) Lessee shall be permitted a reasonable time (not [illegible] days) [illegible] and termination within which to remove all property placed on the premises by or for Lessee; products, defined above, from the premises shall not be deemed property removable in accordance with the foregoing.

22. This lease and each and every provision hereof, shall inure to the benefit of and be binding upon the parties hereto, the successors and assigns or heirs, administrators or successors of the parties.

23. In the event Lessor is required to institute legal proceedings against Lessee for the collection of any rents or royalties due under this lease, or for the enforcement of any of its terms or conditions, then Lessor, in addition to any such relief to which Lessor may be entitled, shall be awarded attorneys' fees and court costs in an amount to be determined by the court before which such legal proceedings are commenced or heard.

IN WITNESS WHEREOF, R. J. Gieske and Eugene C. Hancock and June M. Hancock hereinabove designated, respectively, as Lessor

Fiesko and Lessor Hancock, and Henry A. Shute, Alfred A. Shute, Arthur M. Wallace, Jim M. Wallace, John T. Aikman, Jr., W. J. Cotton, Josef Kalin, Wayne Pierce, hereinabove designated as Lessee, have executed this instrument in triplicate, as of the date first hereinabove written.

LESSORS:

Lessor R. J. Fiesko

Lessor Eugene E. Hancock

June H. Hancock

LESSEES:

Henry A. Shute

Alfred A. Shute

Arthur M. Wallace

Jim M. Wallace

John T. Aikman, Jr.

W. J. Cotton

Josef Kalin

Wayne Pierce

PARTNERSHIP AGREEMENT

ORIGINAL FILE COPY
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RECEIVED DEC 2 1957
DATE | INITIALS | CODE

THIS AGREEMENT, made and entered into this 20 day of February, 1956, by and between the parties hereto at Barstow, California,

WITNESSETH:

In consideration of the mutual benefits herein contained, the parties hereto agree as follows:

1. To form a partnership under the firm name of the ORD MOUNTAIN MINING COMPANY. To conduct the business of mining, smelting, refining and transporting ore, and all operations related thereto.

2. Said partnership to begin on the 20 day of February, 1956, and to continue for twenty-five (25) years or the life of the mining lease referred to hereinafter. The assets of said partnership shall consist of that certain lease of mining claims in the Ord Mountain Mining District of San Bernardino County, State of California, executed on the 20 day of February, 1956, wherein the "Lessors" are : R. J. Gieske, P.O. Box 787, Whittier, California, Eugene C. Hancock, 13644 Allegan Street, Whittier, California, and June M. Hancock, 13644 Allegan Street, Whittier, California, and the "Lessees" are the eight parties to this agreement. In addition to the Lessees interest in said lease the assets shall also consist of ($10,000.00) Ten Thousand Dollars, to be deposited in a joint banking account in the Bank of America, Barstow, California.

3. Funds in said joint account shall be withdrawn on the signatures of two or more of the parties hereto, which the partners shall designate to execute the withdrawal card at the bank.

4. Henry A. Shute shall have complete management and control of the operation of said mining properties, their exploitation, development and the extraction, milling or transportation of ores. For his services as manager and operator the said Henry A. Shute agrees to accept the customary and going miner's wages for his work, which at the present time is Two Dollars ($2.00)

wages shall not be charged to nor deducted from his proportionate share of the profits or losses, if any, from the operation of said properties.

5. The parties hereto will make available to the said Henry A. Shute, from time to time, such funds from said joint bank account as shall be needed to permit the efficient and economical operation of said mining properties.

6. All income or monies derived or received from the operation of said mining property shall be deposited in said joint bank account at the Bank of America, Barstow, California. It is intended that the said ($10,000.00) Ten Thousand Dollars fund shall be working capital and no profits shall be distributed or apportioned except from funds on deposit in excess of said $10,000.00 amount. Any profits derived from the operation of said mining properties shall be distributed and apportioned in accordance with the percentages of ownership of the properties hereinafter specified and specifically agreed upon, to-wit:

Henry A. Shute	22½%
Alfred A. Shute	22½%
Arthur M. Wallace	11¼%
Jim M. Wallace	11¼%
John L. Aikman, Jr.	11¼%
W. J. Cotton	11¼%
Josef Kalin	5%
Wayne Pierce	5%

7. Accurate books of accounts of all business transactions and affiars of said partnership shall be kept and said books shall be audited by an independent auditor at least once a year with the first audit to be made one year from the date of this partnership agreement, unless all parties consent that said audit shall be omitted, and the expense of said audit, whenever held, shall be paid from the partnership funds. The books of account of transactions

of the partnership shall be kept at the place of business and shall be at all times open to the inspection of either or any partner. Every partner shall cause to be entered upon the said books a just and true account of all his dealings, receipts, and expenditures for and on account of the firm.

8. Losses of said partnership shall be borne in proportion to the percentages of ownership heretofore recited and specified in paragraph 6.

9. Each of the parties hereto agree that he will not sign or endorse any promissory note whereby he becomes obligated to pay the debt of another nor will he become surety or guarantor or otherwise pledge his credit or become obligated by reason of a default of another or to pay the debt of another. No promissory note shall be made by any party in the partnership name without the consent of the others.

10. In case of the dissolution of the partnership by death or otherwise, if the survivors desire to continue the business, the value of the good will and other assets of said business shall be determined by appraisal if the partners cannot agree. Said surviving partners shall appoint one appraiser, the representative of the deceased or withdrawn partner shall appoint a second appraiser and the two appraisers shall appoint a third. The decision of the three appraisers as to the value of the good will and other assets shall be absolutely binding on the surviving and continuing partners and the representatives of the deceased partners.

11. All matters of difference in the operation of said mining properties shall be settled by vote. Those holding more than fifty per cent (50%) ownership of the property as recited herein in paragraph 6 shall have the right to control, upon their combined vote.

12. Any of the clauses of this partnership agreement may at any time be changed, modified or terminated by the combined vote of those holding sixty-six and two-thirds per cent (66 2/3%) of the

ownership of said property according to the percentages recited herein in paragraph 6. Time is of the essence.

IN WITNESS WHEREOF the parties hereto have set their hand and seal the day and year first above written.

Henry A. Shute

Alfred A. Shute

Arthur M. Wallace

Jim M. Wallace

John L. Aikman, Jr.

W. J. Cotton

Josef Kalin

Wayne Pierce

DMEA
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DATE	INITIALS	CODE
	No.	2555

CHAPMAN AND WOOD
MINING ENGINEERS AND GEOLOGISTS
536 JEFFERSON ST., NE
PHONE 6-1675 P. O. BOX 6302
ALBUQUERQUE, NEW MEXICO

LABORATORY DIVISION ASSAY CERTIFICATE

Date 1/25/57

Submitted by Ord Mt. Mining Corporation

Address P.O. Box 331, Barstow, California

DESCRIPTION OF SAMPLE	eU_3O_8%	Chem. U_3O_8%					TON VALUE
7655 - As received	4.81	4.86					

This sample taken from area "C"

Chemist D.H. Reynolds
D.H. Reynolds

Charges

THE BROWN LABORATORY

2263 Broadway

GRAND JUNCTION, COLORADO

ANALYTICAL DEPARTMENT

CHapel 2-4589

CERTIFICATE OF ANALYSIS

TO

Red Mountain Mining Corporation
General Delivery
Barstow, California

Date 1-1[illegible]-57

Order No. 8402-[illegible]

Material: Ore Sample
Received: 1-11-57
For: Analysis

Lab No.	Your No.	Description	Radiometric %eU3O8	Chemical %U3O8	%V2O5	%CaCO3
8402-1				0.35		

This sample taken from top of ground area "C"

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DATE	INITIALS	CODE

Analyst.

FORM A-8

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO.

November 20, 1956

DEPOSITED BY E. B. Corbet
570 Coleridge Avenue
Palo Alto, California

SAMPLE OF O R E

Labty. No.	Mark	GOLD, per ton of 2,000 lbs. Troy Ounces	Value @ $35.00 oz.	SILVER, per ton of 2,000 lbs. Troy Ounces	Value @ $	Percentages
						URANIUM OXIDE
6896	#2 A. W. Large	[illegible]		from area "D"		0.027 %
97	#2 A. W. Small			from area "B" top of ground		0.22 %

ABBOT A. HANKS, INC.

bob

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DATE | INITIALS | CODE

E BROWN LABORATORY

2263 Broadway

GRAND JUNCTION, COLORADO

ANALYTICAL DEPARTMENT

CHapel 2-4589

CERTIFICATE OF ANALYSIS

TO

Ord Mining Company
P.O. Box 631
Barstow, California

Date 1-21-57

Order No. 3439-1

Material: Ore Sample
Received: 1-21-57
For: Analysis

Lab. No.	Your No.	Description	Radiometric %eU3O8	Chemical %U3O8	%V2O5	%CaCO3
3439-1		Uranium Oxide		4.29		

Note: We do not run spectrographic.

This sample from Area "C"

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DATE	INITIALS	CODE

Analyst.

CHAPMAN A[illegible] WOOD
MINING ENGINEERS A[illegible] GEOLOGIS[illegible]
536 JEFFE[illegible] ST NE
PHONE 6-1675 [illegible] BOX 8302
ALBUQUERQUE, NEW MEXICO

LABORATORY DIVISION ASSAY CERTIFICATE

No. 2331

Date 1/11/56

Submitted by Ore Mt. Mining Corp.

Address General Delivery, Barstow, California

[illegible] OF SAMPLE	eU_3O_8 %	Chem. U_3O_8 %					TON VALUE
7[illegible]1 - [illegible] received	0.543	0.422					

by 8 grind area "C"

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DATE	

Chemist D.H. Reynolds

D.H. Reynolds

Charges

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Use other side first

U. S. Government Messenger Envelope

Standard Form No. 65 (Rev. 1/46)

1. Use blocks consecutively, one
2. Void previous block.
3. Write clearly.

NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM		NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
[redacted]	RUN / STOP		RUN / STOP
DMEA	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP
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	RUN / STOP		RUN / STOP

Send surplus envelopes to supply room for reissue.

Use other side

Use RUN and STOP only when messenger service between Government buildings in Washington is required. Your mail room has RUN and STOP information.

DMEA Form 7
(12-56)

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Date	Surname	Code
3-10	Murphy	700
3-10	[illegible]	700
3/10	Selfridge	430
"	[illegible]	110
"	Birthday	100
3/11	C	220
		225

MAR 10 1958

Mr. Arthur M. Wallace, President
Ord Mountain Mining Corporation
60 West Main Street
Los Gatos, California

Re: Docket No. DMRA-4887 (Uranium)
Birthday Present, et al., Claims
San Bernardino County, California

3/10 Lamb (130)
Kilsgaard 3/10 (130)

Dear Mr. Wallace:

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,

[illegible] (for)

Administrator

FMMurphy/izm 3-7-58
cc: Mr. Murphy
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
DMEA FT Reg. 2 (2)

8623

Docket

Murphy

Summary of Proposed Project

Subject: Denial of application for exploration aid.

Docket No.: DMEA-4887

Commodity: Uranium

Amount of Application: $19,216.00

Applicant: Ord Mountain Mining Corporation
60 West Main Street
Los Gatos, California Arthur M. Wallace, President

Property Rights: Lessee of 10 claims and a mill site. The claims Birthday Present Nos. 1 through 6, G & H Nos. 2 through 4, Independent, Last Gap, and Mill Site, are situate in sec. 12, T. 6 N., R. 1 W., S.B.B.M., San Bernardino County, California

Date of Application: Nov. 12, 1957

Referred to Region II: Dec. 16, 1957

Field Examination made: Jan. 3-4, 1958

Field Team Report received: Feb. 26, 1958

Work Proposed:

1. Drive an adit 200 feet in length into the mountain from a point 160 feet below and 80 feet west of the present adit;

2. Bulldoze trenches in Area C; and

3. Some core drilling with company-owned equipment.

Estimated Cost

Access road, bulldozer, 24 hrs. @ $11/hr.	$ 264.00
Drifting, 200 ft. @ $30/ft.	6,000.00
Trenching, 200 cu.yds. @ $10.80/cu.yd.	2,160.00
Supervision and labor	3,480.00
Operating equipment (Purchase)	1,602.00
New buildings (shed)	3,860.00
Miscellaneous	475.00
	1,375.00
TOTAL	$19,216.00

Excerpts from Field Team Report of Examination by G. G. Gentry, USBM, and H. K. Stager, USGS:

The claims are on the western slopes of the Ord Mountains at an altitude of 3,800 feet. The rocks exposed in the vicinity of the claims are chiefly granitized meta-sediments and granite that are cut by pegmatite and diabase dikes.

Small irregular pipes and lenses of uranium-bearing pegmatic material was found to occur in the granitized meta-sedimentary rocks. These deposits are one to two feet in cross section, from five to more than 15 feet in length, and average about 0.1% U_3O_8 content.

Development work in the claim area consists of approximately 3,000 feet of access roads, an adit 43.6 feet in length, an open cut 35 feet long, 7-8 feet wide and 3-12 feet deep, also, numerous shallow pits and trenches.

The work done to date has exposed four bodies of uranium-bearing material that contain 0.1% U_3O_8 or more. The highest grade deposit yielded one ton of ore that assays 0.27% U_3O_8. This deposit ranged from 1-3 feet in cross section and had a length of 6 feet. The other deposits also have small cross sections and range from 15 feet to unknown lengths. The uranium is probably contained in uranium-rich magnetite and allanite sparsely disseminated through out the pipes and lenses. One ton of uranium-bearing material assaying 0.11% U_3O_8 and one ton assaying 0.27% U_3O_8 have been sorted from the rock broken in the adit and east trench, respectively.

Judging from the distribution of the deposits that have been exposed, it is inferred that other deposits of the same type may be discovered in the claim area. Reserves of about 200 tons of uranium-bearing material that averages 0.1% U_3O_8 and several thousand tons that average about 0.03% U_3O_8 are inferred.

The examiners conclude that there is little possibility that the deposits will increase in size or grade at depth. Moreover, exploration costs to locate such small ore deposits would exceed their value.

The field examiners and Field Team recommended that the subject application be denied.

Commodity Members' Comments:

In memoranda, dated March 4 and 5, 1958, James Paone, USBM, and N. E. Nelson, USGS, respectively, concur in the Field Team's recommendation.

Div. of Rare & Misc. Metals, F. M. Murphy, March 7, 1958:

The conclusions reached by the field examiners are amply justified in their report. During the examination they took 24 samples from the various exposures showing anomalous radioactivity. Assay results of these samples substantiate their estimates of possible sub-marginal ore reserves in the claim area.

Conclusions and Recommendations:

Judging from the field examiners report there is little possibility that the work proposed by the Applicant would result in the discovery of significant uranium ore deposits. Therefore, this Division concurs in the Field Team's recommendation that application DMEA-4887 should be denied.

Ernest Wm. Ellis

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

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DATE	INITIALS	
3/5	C	220
3-6	[illegible]	700
Complete		

IN REPLY REFER TO:

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

March 5, 1958
Re: DMEA 4887
Ord Mtn. Mining Corp.
Birthday Present, etc. claims
San Bernardino Co., Calif.
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 what appeared to be a zone containing numerous uranium-bearing pegmatites.

As determined by the examiners, the pegmatitic material occurs as small irregular pipes and lenses in granitized meta-sedimentary rocks, pendant masses in granite.

Four small masses of the pegmatitic material have been isolated, bearing, in general, blebs and small pods, one to six inches in diameter of low-grade magnetite. The uranium occurs in the blebs and pods.

Reserves in the four masses are estimated to be:-

Class	Tons	Percent U_3O_8
Measured	1	0.18
Indicated	5	0.11
Inferred	200	0.10

About 2 tons of 0.19% U_3O_8 material has been mined and stockpiled. Weak radioactivity is widespread in pegmatitic rock but no sizable concentrations have as yet been spotted.

The examiners recommend that the application be denied. I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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DMEA
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DATE	INITIALS	CODE
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11	EMM	700

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

Date March 4, 1958

DMEA Docket No. 4887
DMEA Contract No.
Commodity Uranium
Name of applicant Ord Mountain Mining Corporation
Name of property Birthday Present, et al., claims
Location of property San Bernardino County, California
Estimated cost of project $19,216.00

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: 2/24/58. 2. Date received by reviewer: 2/26/58.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1605 Evans Avenue
Reno, Nevada

February 24, 1958

DMEA
RECEIVED FEB 1958

2/26	C	220
3/3	2/3	130
3/4	C	220
"	FMM	700

Memorandum

To: Operating Committee, DMEA, Interior Building
Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4887 (Uranium)
Ord Mountain Mining Corporation
Birthday Present, et al., Claims
San Bernardino County, California
(Your letter, December 16, 1957)

ON-SITE EXAM

Enclosed are three copies of a report by Glenn Gentry, Bureau of Mines, and H. K. Stager, Geological Survey, on subject property.

Roscoe Smith and I concur in the recommendation that the application for DMEA exploration aid be denied.

S. Ricker

S. Ricker

Attachments

Reviewed by
DMEA OPERATING COMMITTEE
3-3-58
(date)

DMEA
RECEIVED FEB 28 1958
3/3 2/3 130
220

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-4887 (Uranium)
Ord Mountain Mining Corp.
Birthday Present, et al., claims
San Bernardino County, California

by

G. G. Gentry
U. S. Bureau of Mines

H. K. Stager
U. S. Geological Survey

February 18, 1958

Reviewed by
DMEA OPERATING COMMITTEE
3-3-58
(date)

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INTRODUCTION

The Ord Mountain Mining Corp., 60 W. Main Street, Los Gatos, California, applied to the Defense Minerals Exploration Administration, docket DMEA-4887, for Government assistance in a $19,216.00 program to explore for uranium on the Birthday Present et al., lode claims in San Bernardino County, California.

A field examination was requested by the Operating Committee and was made on January 3 and 4, 1958, by Glenn G. Gentry, U. S. Bureau of Mines, and H. K. Stager and R. M. Smith, U. S. Geological Survey, accompanied by Arthur M. Wallace, president of the company, and R. J. Gieske and Eugene C. Hancock, owners of the property.

All of the mineralized exposures were carefully examined by means of a Precision Model 111B scintillation counter and a Detectron Model DG-2 geiger counter. As no adequate maps or assays were available the examiners mapped and sampled the surface exposures.

The property was examined by a geologist of the U.S. Atomic Energy Commission on January 24, 1956 (Preliminary Reconnaissance Report, No. C-70). This geologist, Mr. Harry E. Nelson, recommended that the operators sink on the radioactive

material exposed in the bottom of the small pit on the Birthday Present No. 1 claim (fig. 3). The operators have since driven an adit under this exposure.

The geology of the area was described by Gardner in 1940[1/].

1/ Gardner, Dion L., 1940, Geology of the Newberry and Ord Mountains, San Bernardino, California, Calif. Jour. Mines and Geol., Vol. 36, No. 3, pp. 257-292.

CONCLUSIONS AND RECOMMENDATIONS

The ore bodies are pipes and lenses of pegmatitic rock of a few tons each in which sparsely disseminated pods a few inches across contain clusters of uraninite-bearing magnetite, oxidized within a few feet of the surface to uranophane which is distributed along fractures in and near the pods. Judging from the distribution of ore bodies that have been mined and that are now exposed it is inferred that other ore bodies of the same type may be discovered in the claim area. Reserves of about two hundred tons of uranium-bearing material that averages about 0.1 percent U_3O_8 and several thousand tons that average about 0.03 percent U_3O_8 are inferred.

We conclude that the deposit has no potential value as a reserve of uranium ore and that an increase in grade or size of the ore bodies at greater depth is not probable.

Exploration for the small, low-grade ore bodies of the type exposed on the Birthday Present claims would cost more than the present, or foreseeable future, value of the product. Therefore, we recommend that the application for Government assistance be denied.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The claims are in sec. 12, T. 6 N., R. 1 W., S.B.B.&M., along the western slopes of the Ord Mountains at an altitude of 3,800 feet in the southwestern part of San Bernardino County, California (fig. 1).

The mine is 21.9 miles south of Barstow, California, and is reached by traveling south via the paved all-weather Lucerne-Bear Valley Road 20.5 miles, thence turn left (southeasterly) via an unimproved road 1.4 miles. The trip requires approximately 45 minutes. The usual desert climate prevails and year-round operations could be maintained.

Experienced mine labor, machinery, and mining supplies are usually available in Barstow where mail, telephone, telegraph, trucking, and railroad services can also be obtained.

Water for all purposes would have to be hauled from springs

approximately 7 miles west of the mine. Mining machinery would be operated by diesel and/or gasoline engines.

HISTORY AND PRODUCTION

Ten mining claims and a mill site were located during 1955 by R. J. Gieske and Eugene C. Hancock and notices of ownership were filed in the San Bernardino County Court of Records.

The owners have completed the necessary location work and established the claim corner monuments. The assessment work to validate the claims for the year ending June 30, 1958 has been done.

Production from the property amounts to approximately two tons of sorted ore averaging 0.19 percent U_3O_8 which is stockpiled at the property.

PROPERTY AND OWNERSHIP

R. J. Gieske, P. O. Box 787, Whittier, California, and Eugene C. and June M. Hancock, 13644 Allegan Street, Whittier, California, claim ownership of the following unpatented lode mining claims:

Claim name	Index No.	Book	Page
Birthday Present No. 1	339	372	235
Birthday Present N0. 3	359	382	234
Birthday Present No. 4	360	382	236
Birthday Present No. 5	390	381	436
Birthday Present No. 6	391	381	438
G & H No. 2	358	382	232
G & H No. 3	256	382	300
G & H No. 4	257	382	302
Independent	511	382	420
Last Gap	512	382	422
Mill Site	397	372	280

On February 24, 1956 the owners leased the claims to Henry A. Shute, Alfred Shute, Arthur M. Wallace, Jim M. Wallace, John L. Aikman, Jr., W. J. Cotton, Josef Kalin, and Wayne Pierce, for a period of 25 years. The lessees, on the date of the lease, formed a partnership under the firm name of the Ord Mountain Mining Company, said partnership to continue as per the lease agreement.

On July 12, 1956 the lessees, with the approval of the owners, sold and conveyed all of their right, title, and interest in the lease, dated February 24, 1956, to the Ord Mountain Mining Corporation Venture, who are represented by:

Arthur M. Wallace, president
17466 Shelburne Way, Los Gatos, California

Wayne Pierce, vice-president
60 W. Main Street, Los Gatos, California

and

John L. Aikman, secretary-treasurer

During November 1957 all of their right, title, and interest in and to all of the real property, mining claims, etc., described in said documents were transferred to the Ord Mountain Mining Corporation, a California corporation, by Arthur M. Wallace, Jim M. Wallace, John L. Aikman, Jr., W. J. Cotton, Josef Kalin, and Wayne Pierce.

DEVELOPMENT

Development has consisted of constructing approximately 3,000 feet of access roads leading to various areas of the claims, an adit 43.6 feet in length, an open cut 35 feet long by 7 to 8 feet wide by 3 to 12 feet deep, and numerous shallow pits and trenches.

There are no improvements or mining machinery on the property.

GEOLOGIC SETTING

The Birthday Present claims are in an area of moderate relief, at an altitude of about 3,800 feet, on the west side of the Ord mountains. The rocks exposed in the vicinity of the prospect are chiefly granitized meta-sediments and granite that are cut by pegmatite and diabase dikes.

The oldest rocks in the claim area are biotite-schist and thin-bedded quartzite of probable Precambrian or Cambrian age.

These metasedimentary rocks have been largely granitized and occur as partly assimilated roof pendants and inclusions in granite. The roof pendants are several hundreds of feet wide and long. Some relic bedding is preserved and in general strikes northwest and dips about 25° NE. The inclusions are a few inches to several tens of feet in diameter and many of the smaller ones are almost completely assimilated by the granite. The granite is a pale brown to dark gray medium- to coarse-grained, unfoliated, highly feldspathic rock of probable Jurassic age. It is locally pegmatitic to porphyritic in texture with prominent phenocrysts of orthoclase that are as much as four inches across. Blebs and small pods, one to six inches in diameter containing about 5 percent magnetite, are common and locally are radioactive. Pegmatite dikes a few inches to several feet thick, but of short strike length, are common throughout the area. A fine-grained, dark gray to black, olivine-diabase dike, that strikes northeast and dips 50° NW, cuts the granite and granitized metasediments near the west side of the claim area. It is about thirty feet thick and several hundred feet long.

Numerous fractures and faults of random attitudes and undetermined displacements cut the rocks in the claim area. Most or all of these are post mineralization and except for local

concentrations of secondary ore minerals on fracture surfaces they do not appear to control the localization of the ore deposits.

ORE DEPOSITS

The ore bodies are small irregular pipes and lenses of uranium-bearing pegmatitic material in the granitized meta-sedimentary rocks. They are one to two feet in cross section, from five feet to more than fifteen feet long, and average about 0.1 percent U_3O_8.

Uranophane, the only uranium mineral that was seen, locally coats fracture surfaces in a light-colored feldspathic rock that crops out in the western part of the area. Uraninite, intimately intergrown with magnetite, was identified by microscopic and X-ray methods. Uranophane, betauranophane, uranium-bearing allanite, and a highly altered uranium-bearing zircon were identified by the A.E.C. in specimens obtained from exposures on the Birthday Present No. 1 and Last Gap claims. Orange-yellow crusts on fracture surfaces exposed in the bottom of the pit over the adit on the Birthday Present No. 1 claim were tentatively identified as gummite by the A.E.C. geologist. Most of the radioactive material that composes the ore consists of uraninite-bearing magnetite in sporadic crystals and small blebs that are rarely more than one inch in diameter. Other minerals identified in the ore are uranothorite, pyrite, chalcopyrite, apatite, dahllite, andesine, and microcline.

Oxidation does not extend more than a few feet below the surface and the secondary uranium minerals do not form on the fracture surfaces until after they have been exposed for several months.

Four bodies of uranium-bearing material that contains 0.1 percent U_3O_8 or more have been exposed. The largest of these bodies is about two feet in diameter and is exposed in three places, near the portal of the adit (fig. 3), down a nearly vertical dip for about 15 feet. One ton of ore that assays 0.11 percent eU_3O_8 was mined from this body. Another small body, exposed by the east trench, yielded about one ton of ore that assays 0.27 percent eU_3O_8, from a nearly horizontal lens about six feet long and one to three feet in cross section. A third, probably similar, body is exposed underground near the end of the adit. This pipe, or lens, assays 0.12 percent eU_3O_8, is about three feet thick, one foot wide, and of unknown dip length. The fourth body, of marginal grade (0.10 percent eU_3O_8) is exposed in a small pit about 75 feet west of the adit. This exposure is about four feet in diameter and of unknown dip length. It is in a large, egg-shaped mass, of white to light-gray feldspar-rich pegmatitic material about 100 feet wide and 150 feet long. Thin crusts of uranophane are abundant on fracture surfaces

throughout the mass but the uranium content of the rock is only 0.03 percent eU_3O_8. The uranium is probably contained in uranium-rich magnetite and allanite sparsely disseminated throughout the mass. No ore has been mined from this exposure.

SAMPLING

BM Sample No.	Width, feet	Percent cU_3O_8	Percent eU_3O_8	Description
2401	3.6		0.07	North side of adit, 4 ft. back of face. Feldspar-quartz sulfide stringers.
2402	3.0		0.01	Above fault in face of adit.
2403	3.0		0.01	Below fault in face of adit.
2404	3.0		0.12	North side of adit, under No. 2401.
2405	grab		0.05	From about 500-lb. muck pile at face of adit, from last round blasted.
2406	5.5		0.03	South wall of adit, 20 ft. from portal.
2407	1.0	0.15	0.16	North side of adit, at portal, bottom of shallow pit 20 inches below floor of adit.
2408	1.9		0.07	Across back, center of adit, at portal.
2409	1.1		0.05	North side of adit, at portal.
2410	3.0		0.05	North side of open cut to portal of adit.
2411	2.2	0.12	0.13	Same location as No. 2407, after enlarging the shallow pit.
2412	1.2	0.32	0.32	Shallow pit on surface and about 12 ft. above No. 2411.
2413	3.0		0.06	Southwest face of pit, noted in No. 2412
2414	2.5		0.09	Northeast face of pit noted in No. 2412

BM Sample No.	Width, feet	Percent cU_3O_8	Percent eU_3O_8	Description
2415	19.0		0.01	Surface exposure 100 ft. east of portal of adit and 40 ft. above adit.
2416	3.5		0.10	West wall of 35-ft. trench above diorite contact.
2417	2.0		0.04	East wall of 35-ft. trench 14 ft. back of face.
2418	2.0		0.04	(vertical cut 3 ft. long) West wall of 35-ft. trench at portal of trench.
2419	3.0		0.04	West wall of trench, 6 ft. back from face.
2420	4.0		0.10	Shallow pit 50 ft. above road, 75 ft. from road and north of adit.
2421	12.0		0.03	Large feldspar-quartz exposure on road, northwest from adit, some sulfides yellow oxide stains.
2422	1.3		0.08	At edge of road 30 ft. west from 2421. Light, yellow oxide stain.
2423	grab		0.27	1-ton stockpile of sorted ore from east trench.
2424	grab		0.11	1-ton stockpile of sorted ore from adit.

ORE RESERVES

The reserves of material containing 0.1 percent or more of U_3O_8 are summarized as follows:

Class	Tons	Percent U_3O_8
Measured	1	0.18
Indicated	5	0.11
Inferred	200	0.10

The applicants have mined and stockpiled about two tons of ore that averages about 0.19 percent U_3O_8. The small pipe-like ore body exposed near the portal of the adit, and in the bottom of the pit about 10 feet above the adit, contains one ton of measured ore that averages 0.18 percent U_3O_8. This ore body also contains about two tons of indicated and ten tons of inferred ore, that averages about 0.1 percent U_3O_8, below the adit level. Exposed in the east trench is about one ton of indicated ore. Another ten tons of ore, that averages about 0.1 percent U_3O_8, is inferred in the walls and below the bottom of the trench. A third ore body, near the end of the adit, contains about one ton of indicated and ten tons of inferred ore that averages about 0.1 percent U_3O_8. Exposed at the west cut is a mass of low grade uranium-bearing rock that contains about one ton of indicated and twenty tons of inferred ore that averages about 0.1 percent U_3O_8. Another 150 tons of ore is inferred in about 15 bodies that each contain about ten tons of ore that averages about 0.1 percent U_3O_8.

These small pipes or pods of ore are inferred to be within 50 feet of the surface in the area covered by the Birthday Present No. 1 and Last Gap claims (fig. 2).

In addition to the above summarized reserves it is inferred that there are several thousand tons of weakly mineralized pegmatitic rock, that contains about 0.03 percent U_3O_8, surrounding the known ore bodies in the vicinity of the adit and the west cut.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA-4887
(Uranium)

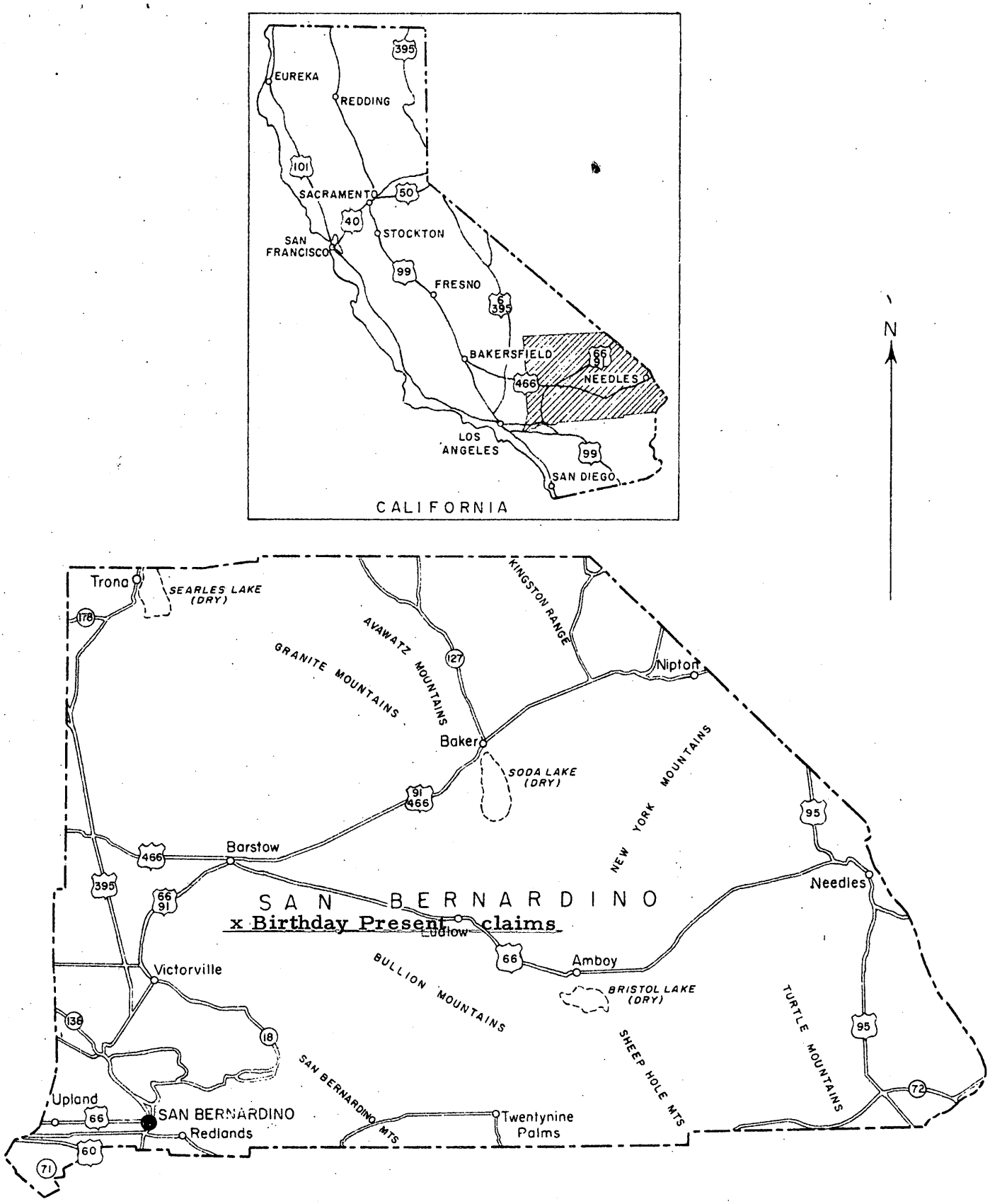

Figure I. INDEX MAP OF SAN BERNARDINO COUNTY, CALIFORNIA

0 30 60 90 Miles

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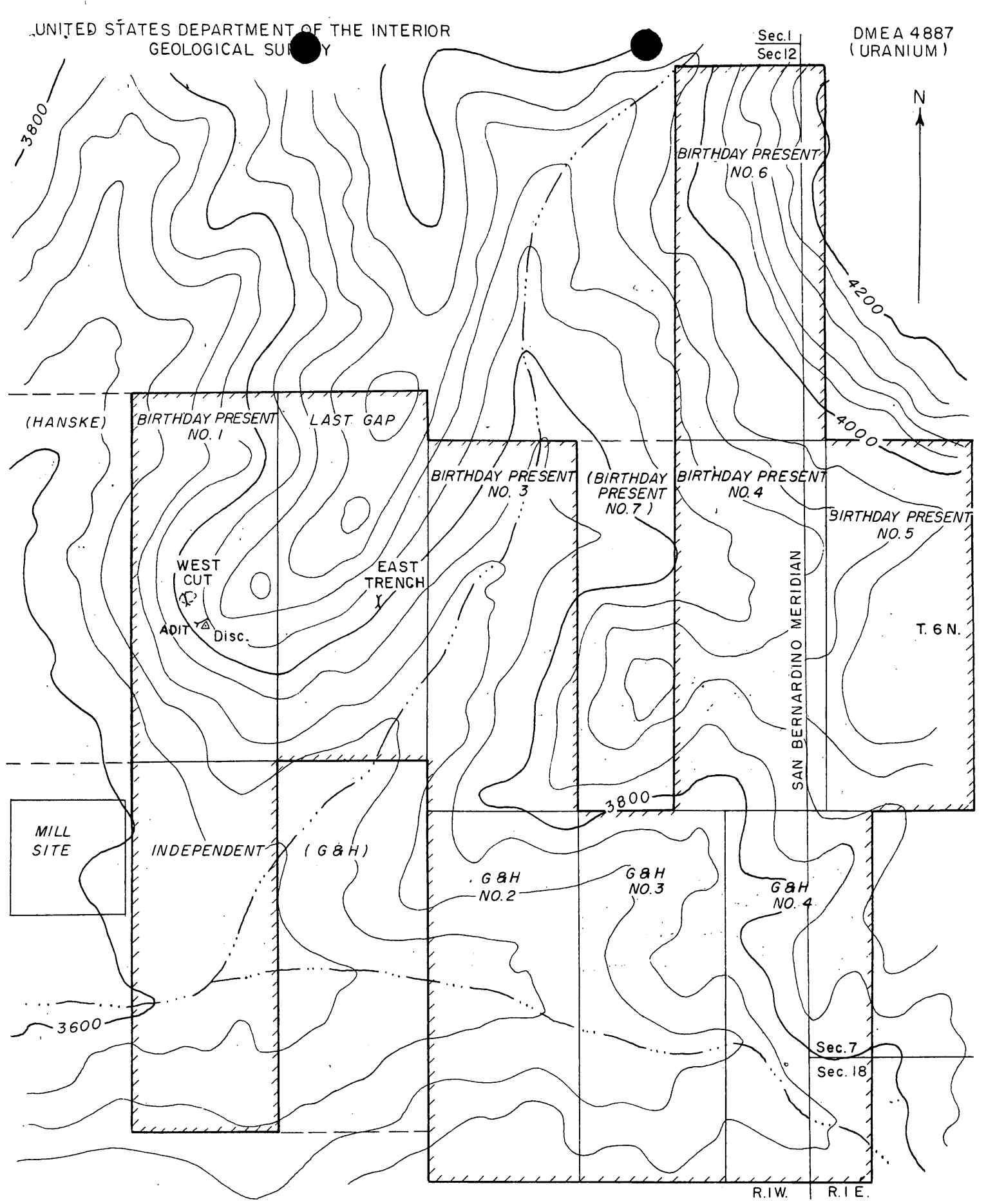

Figure 2. PROPERTY MAP, BIRTHDAY PRESENT ET. AL. CLAIMS
SAN BERNARDINO COUNTY, CALIFORNIA

0 500 1000 1500 Feet

Contour interval 40 feet

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CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1605 Evans Ave.
Reno, Nevada

December 18, 1957

Mr. Arthur Wallace, President
Ord Mountain Mining Corp.
17466 Shelburne Way
Los Gatos, California

Re: Docket DMEA-4887 (Uranium)
Ord Mountain Mining Corp.
San Bernardino County, Calif.

Dear Mr. Wallace:

Pursuant to your application for Government assistance, dated November 12, 1957, Messrs. H. K. Stager, Geologist, U.S. Geological Survey, and Glenn G. Gentry, Mining Engineer, have arranged to examine your property on Friday, January 3, 1958, and would like to meet with you at 8:00 a.m. on that date at the U.S. Post Office in Barstow, California.

If you are unable to make the trip, will you please advise my office in Menlo Park, California, prior to December 30, 1957.

Very truly yours,

R. M. Smith
Acting Executive Officer
DMEA Field Team, Region II

2 CC Operating Comm., Washington
CC RMSmith
CC GGGentry

Files
Chron

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DMEA
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DATE	INITIALS	CODE
12/30	C	220
		700

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
12/16	Murphy	700
12/16	Kuonk	700
12/16	[illegible]	130
"	Johnson	110
"	Mulkentry	100
12/17	[illegible]	220
		700

Mr. Spangler Ricker
Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

DEC 16 1957

Re: Docket No. DMEA-4887 (Uranium)
Ord Mountain Mining Corporation
Birthday Present, et al., Claims
San Bernardino County, California

Nelson

Dear Mr. Ricker:

The captioned application is referred to Region II Field Team for review, a field examination if deemed advisable, and recommendations.

Enclosed are copies of memoranda, dated December 4 and 10, 1957, by N. E. Nelson, USGS, and James Paone, USBM, respectively, relating to the application. Also enclosed for Field Team use is one copy of the application.

In the event the Field Team concludes a project to explore the subject claims appears to be warranted, it should advise the Applicant that we will require five copies of a Consent to Lien and Subordination Agreement executed by R. J. Gieske, Eugene C. Hancock, and June M. Hancock, the Lessors of the claims.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures

APPROVED:

P. F. Yopes

Member, Bureau of Mines

N. E. Nelson

Member, Geological Survey

FMMurphy/izm(12-13-57) 12-16-57
cc: Mr. Murphy
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
12/13	Murphy	
12/13	Lund	
12/16	Selfridge	
"	Johnson	
"	Mittendorf	
12/17	gb	
12/16	Yoro	130
	Nelson	130
12/16		

DEC 16 1957

Mr. Arthur M. Wallace, President
Ord Mountain Mining Corporation
60 West Main Street
Los Gatos, California

Re: Docket No. DMEA-4887 (Uranium)
Birthday Present, et al., Claims
San Bernardino County, California

Dear Mr. Wallace:

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

Mr. Spangler Ricker
Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

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

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

FMMurphy/izm 12-13-57
cc: Mr. Murphy
Admr.'s Reading File
DMEA FT Reg. 2 (2)

8623

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DMEA
RECEIVED DEC 12 1957

DATE	INITIALS	CODE
12/12	gb	220
12/13	Murphy	700

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

Date December 10, 1957

DMEA Docket No. 4887
DMEA Contract No.
Commodity Uranium
Name of applicant Ord Mountain Mining Corp.
Name of property
Location of property San Bernardino County, Calif.
Estimated cost of project $19,216.00

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

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

1. Date of subject document: 12/2/57. 2. Date received by reviewer: 12/8/57.

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

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

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12/6	~~EWE~~	700
	FMM	

IN REPLY REFER TO:

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

December 4, 1957

Re: DMEA 4887
Ord Mountain Mining Corp.
Ord Mountain Property
San Bernardino County, California
$19,216.00 - Uranium

Memorandum

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

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

Subject: Review of application

The applicant requests assistance in exploring for uranium-bearing pegmatites in granite, by trenching and tunnelling. Radioactive material appears to have been found at several points and the proposed work would prospect a "black rock"-granite contact zone, below which the radioactivity is the most noticable and samples showing good U_3O_8 content have been taken.

Referral of the application to the Field Team for appropriate attention is recommended.

N. E. Nelson

N. E. Nelson

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

December 2, 1957

Ord Mountain Mining Corporation
60 West Main Street
Los Gatos, California

Gentlemen:

Subject: DMEA-4887

Your application for exploration assistance, dated November 12, 1957 submitted to our office at Reno, Nevada has been assigned Docket Number DMEA-4887 and referred to the Rare and 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, Director
Operations Control and
Statistics Division

Copy to:

Region II

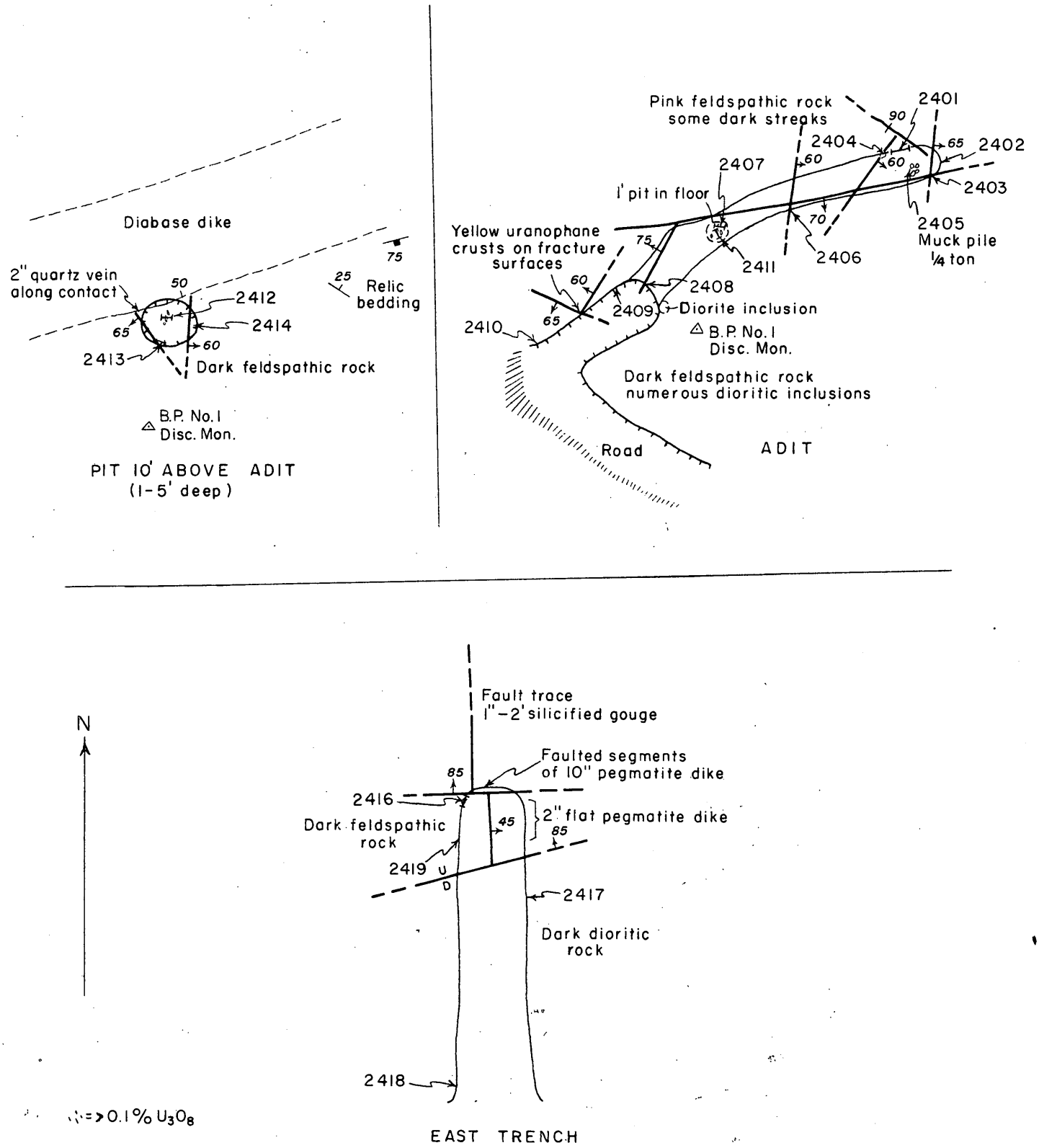

Figure 3. GEOLOGIC SKETCH MAPS, BIRTHDAY PRESENT WORKINGS
SAN BERNARDINO COUNTY, CALIFORNIA

0 20 40 60 Feet

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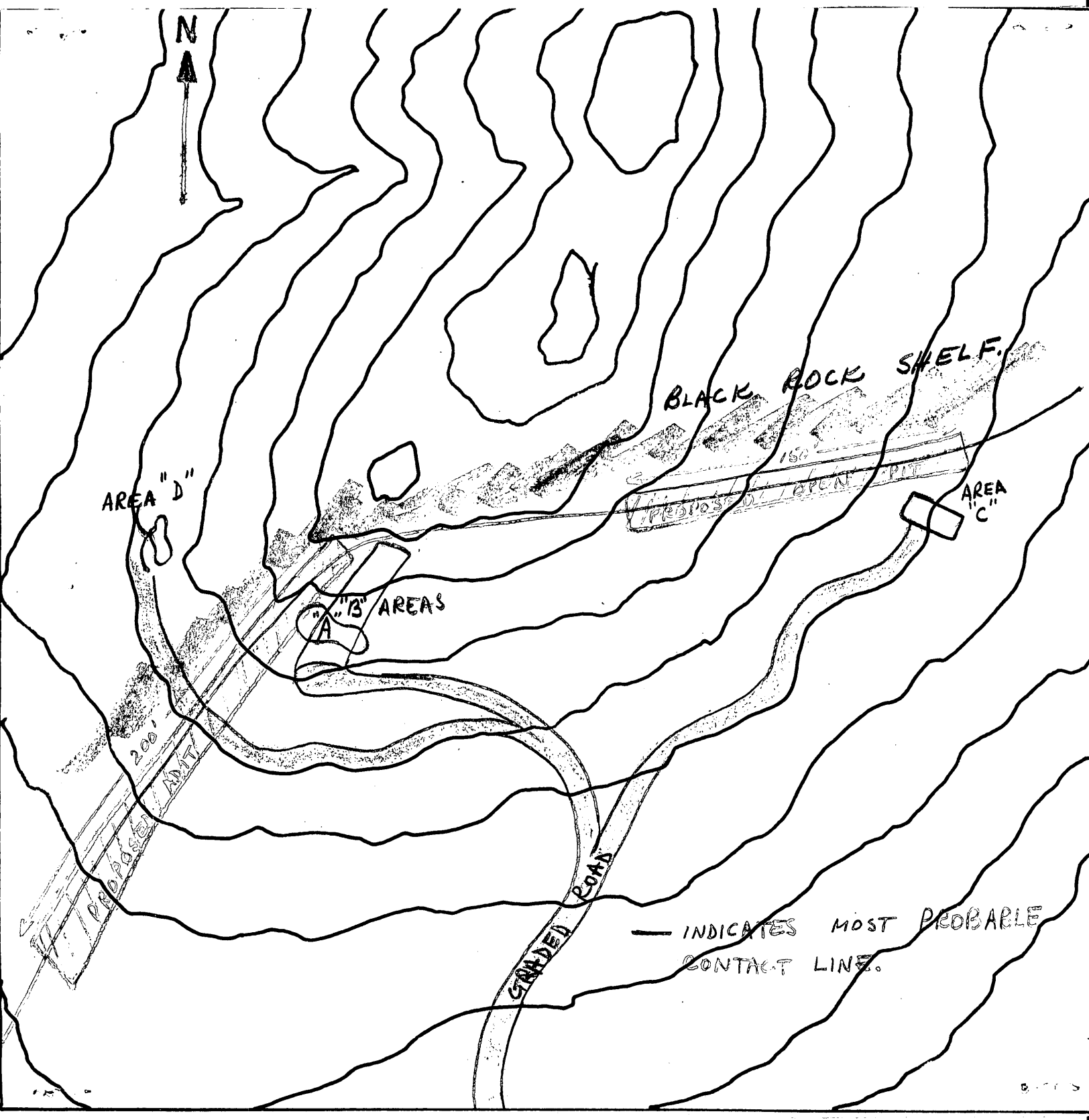
ENLARGEMENT OF SMALL SQUARE SECTION OF ATTACHED ORD MOUNTAIN TOPOGRAPHIC MAP N 3430 - W 11645/15



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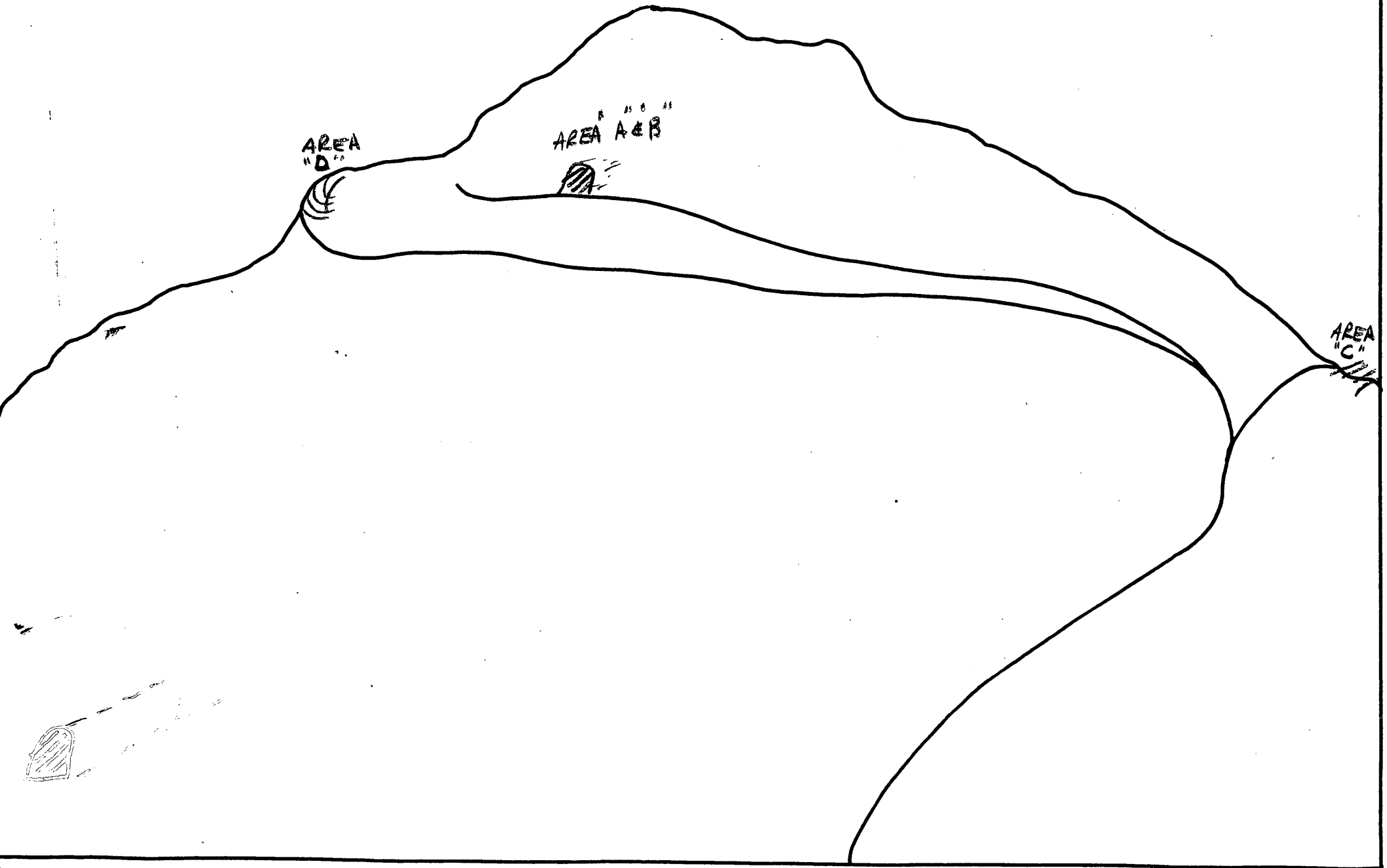
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AREA "A & B"
AREA "C"

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DEC 2 1957
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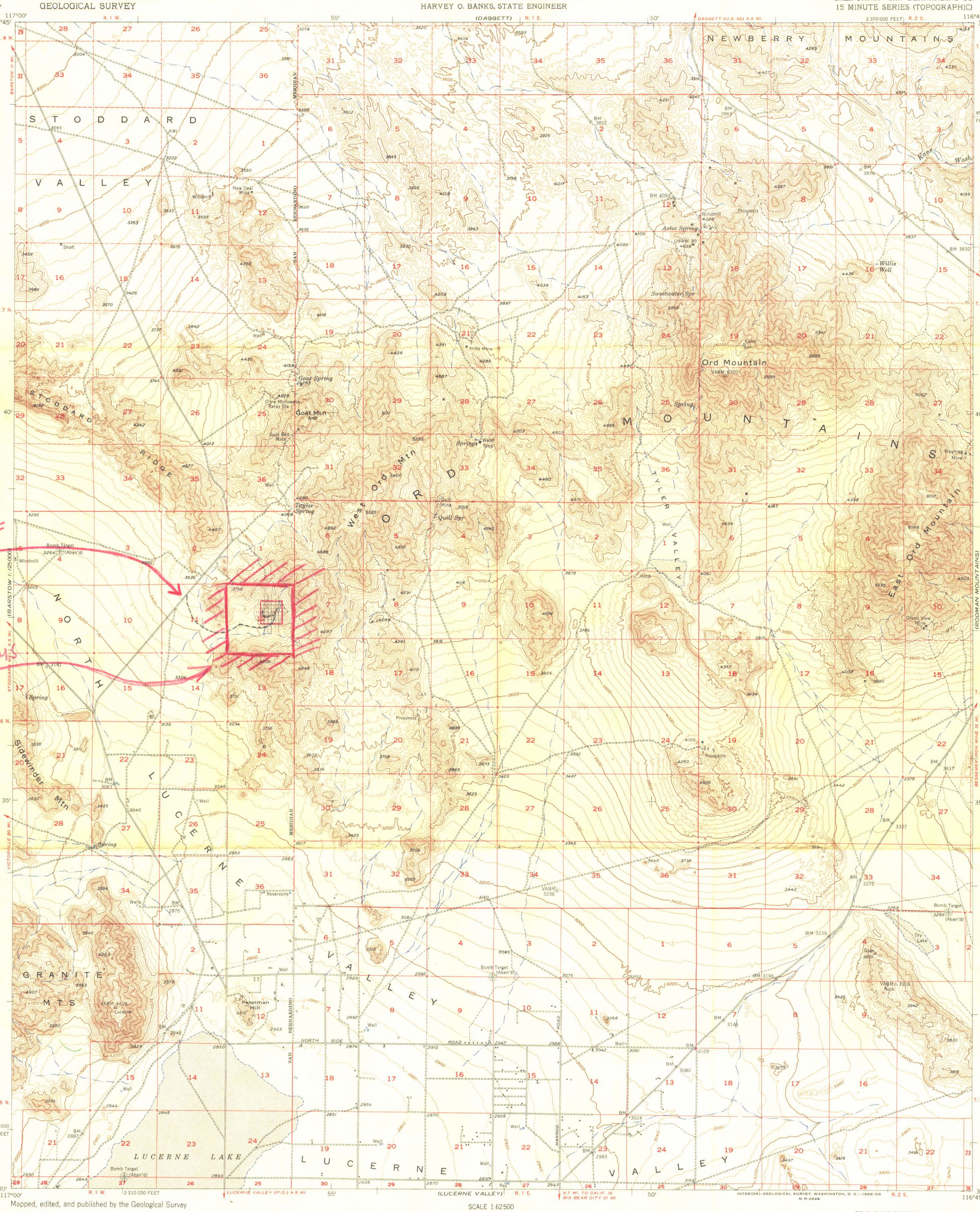
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
GOODWIN J. KNIGHT, GOVERNOR
FRANK B. DURKEE, DIRECTOR OF PUBLIC WORKS
HARVEY O. BANKS, STATE ENGINEER

ORD MOUNTAINS QUADRANGLE
CALIFORNIA—SAN BERNARDINO CO.
15 MINUTE SERIES (TOPOGRAPHIC)



ORD MT. MINING CORP TURN-OFF

APPROX. AREA OF CLAIMS

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1951 and 1952. Field check 1955

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 5

Dashed land lines indicate approximate locations

TRUE NORTH
MAGNETIC NORTH
15½°
APPROXIMATE MEAN DECLINATION, 1955

SCALE 1:62500

1 ½ 0 1 2 3 4 MILES

3000 0 3000 6000 9000 12000 15000 18000 21000 FEET

1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 40 FEET
DASHED LINES REPRESENT 20 FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

CALIF
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U. S. Route — State Route

ORD MOUNTAINS, CALIF.
N3430—W11645/15
1955