DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4172

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(Withdrawn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 ✓ LATER APPLICATION
(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

Dear Mr. Ellis,

We have sent one copy of the map direct to Mr. Spangler Ricker in Reno, Nevada.

Ed Goldberg

Holiday Mines, Inc.

515 FOURTH STREET • ESsex 3-9411
BREMERTON, WASHINGTON

May 2, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 7 1958

DATE	INITIALS	CODE
5/7	C	220
		700

United States Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

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

Gentlemen:

Re: Docket No. DMEA-4172 (Uranium)
Holiday and Falcon Claims
Mineral County, Nevada

In reply to your letter of March 27, 1958 you will find enclosed four copies of your form MF-103 properly filled out, with the following required information:

1. Applicant's Property Rights:
Described in our first application.

2. Physical Description:
Described in our first application.

3. Accessibility of Project:
Described in our first application.

4. The Exploration Project:
(a) We wish to drive a winze 100 feet from 90 feet from the portal entrance in the present adit. The winze is to be driven north 80° west at a pitch of 60°. We wish to crisscross at the bottom of the winze north and south each direction 25 feet, east and west each direction 25 feet, and to have three core drill holes at the end of each adit at the bottom of the winze in three directions, and to drive two core drill holes 50 feet in two directions from the end of the winze. Maps are attached showing location of the proposed work in relation to the hydro-thermal area of our property.

(b) There is no access road necessary to be built.

(c) The work will be started within two months of DMEA contract if executed.

5. Experience:
Work already completed on our project provides our experience.

6. Estimate of Costs:
(a) We are estimating our costs to be approximately $150.00 a foot on the winze and from $30.00 to $40.00 on the adit at the bottom of the winze.

(b) Necessary supervision, engineering and geology services will be provided by the contractor. Office and paper work will be done by our present officers.

(c) Materials and supplies will be provided by the contractor.

(d) Operating equipment will be supplied by the contractor.

(e) No rehabilitation and repairs are necessary.

(f) No new buildings or fixtures are necessary.

7. (a) We are prepared to furnish our share of the proposed project in accordance with regulations.

(b) We propose to furnish our share of the cost by providing money and the use of equipment that we now have on the property that the contractor would be unable to furnish.

In reply to your paragraph 2. (a), samples were procured in our winze 95 feet from the portal entrance, which is 40 feet deep at a pitch of 45°. (b), five mineralized exposures were sampled; five feet, ten feet, twenty feet and thirty feet. (c) This winze was not completed when the Govenment examined our property previously. We have driven another 80 feet since the Government was on our property, besides driving the winze down to 40 feet. Our thorium assays have been generally from 1% up to 9%. Lindsay Chemical Company has averaged from 1% to 3% through one of their geologists. We have a small pile of ore, approximately 15 tons, taken out of our present winze that has averaged 2% and better.

Sincerely yours,

Edward Goldberg

Edward Goldberg, President
Holiday Mines, Inc.

EG:bw

Enclosures

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)

Holiday Mines, Incorporated
515 Fourth Street
Bremerton, Washington

RECEIVED MAY 2 1958

APPLICANT NOT TO USE THIS BLOCK

Docket Number	4172
Date Received	5-7-58
Government Participation %	
Region	II
Division Code	700

BUSINESS ORGANIZATION *(Check one)*

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

State in which firm is organized Washington

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
Edward Goldberg	Kitsap Lake Bremerton, Wash.	President
Ben Johnson	Box 1163 Bobbitt, Nevada	Vice-president
Samuel Berch	4853 Beach Drive Seattle, Wash.	Secretary-treasurer

Mineral(s) for which you wish to explore
Thorium and uranium

Estimated Cost of Project
$ 21,000.00

LOCATION OF PROPERTY

Name	County	State
Fitting Mining District,	Mineral,	Nevada

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.

May 2, 1958
Dated

Holiday Mines Inc
BY *(Signature)*

Edward Goldberg
Title President

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.

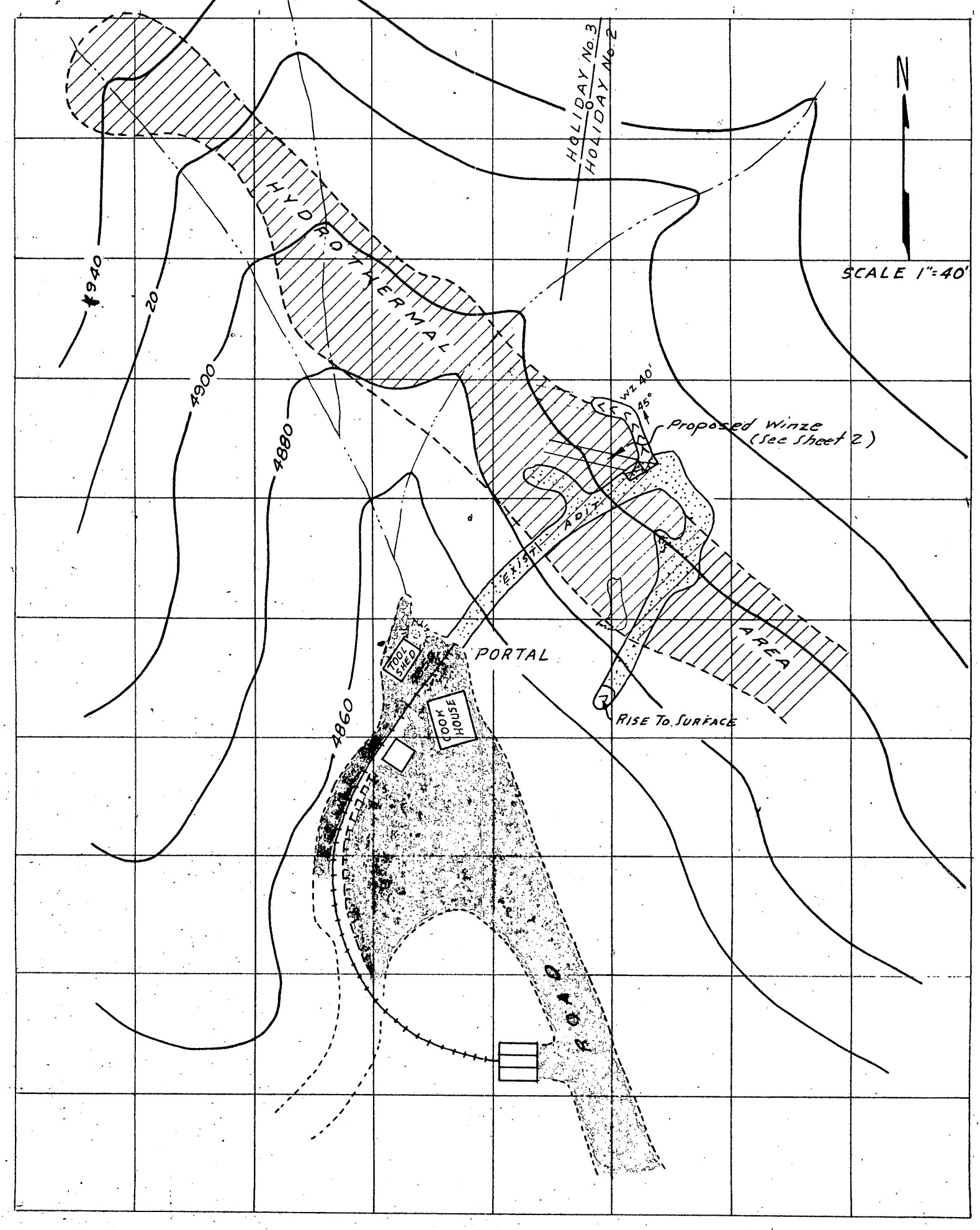
7. *(a)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Amended.

(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.

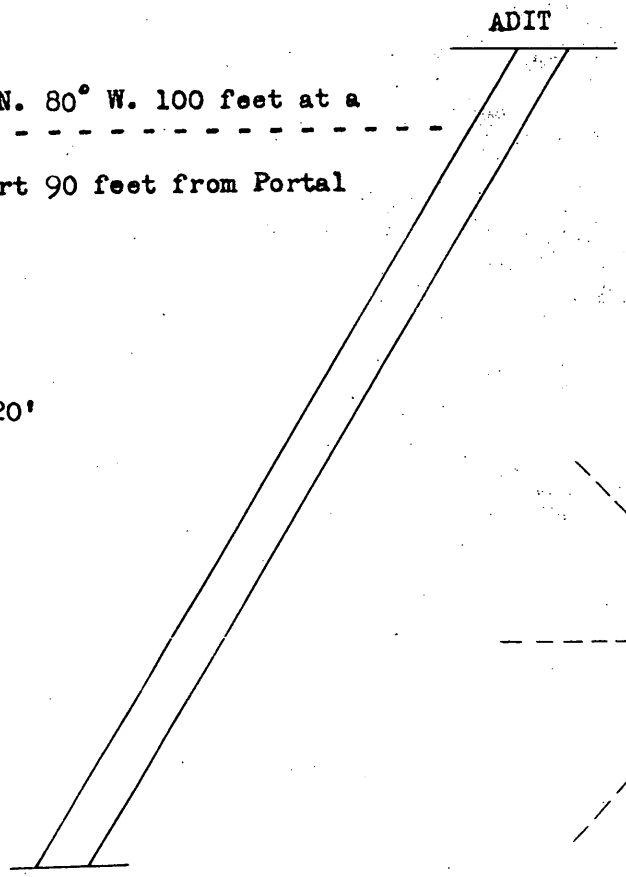
* * * * *

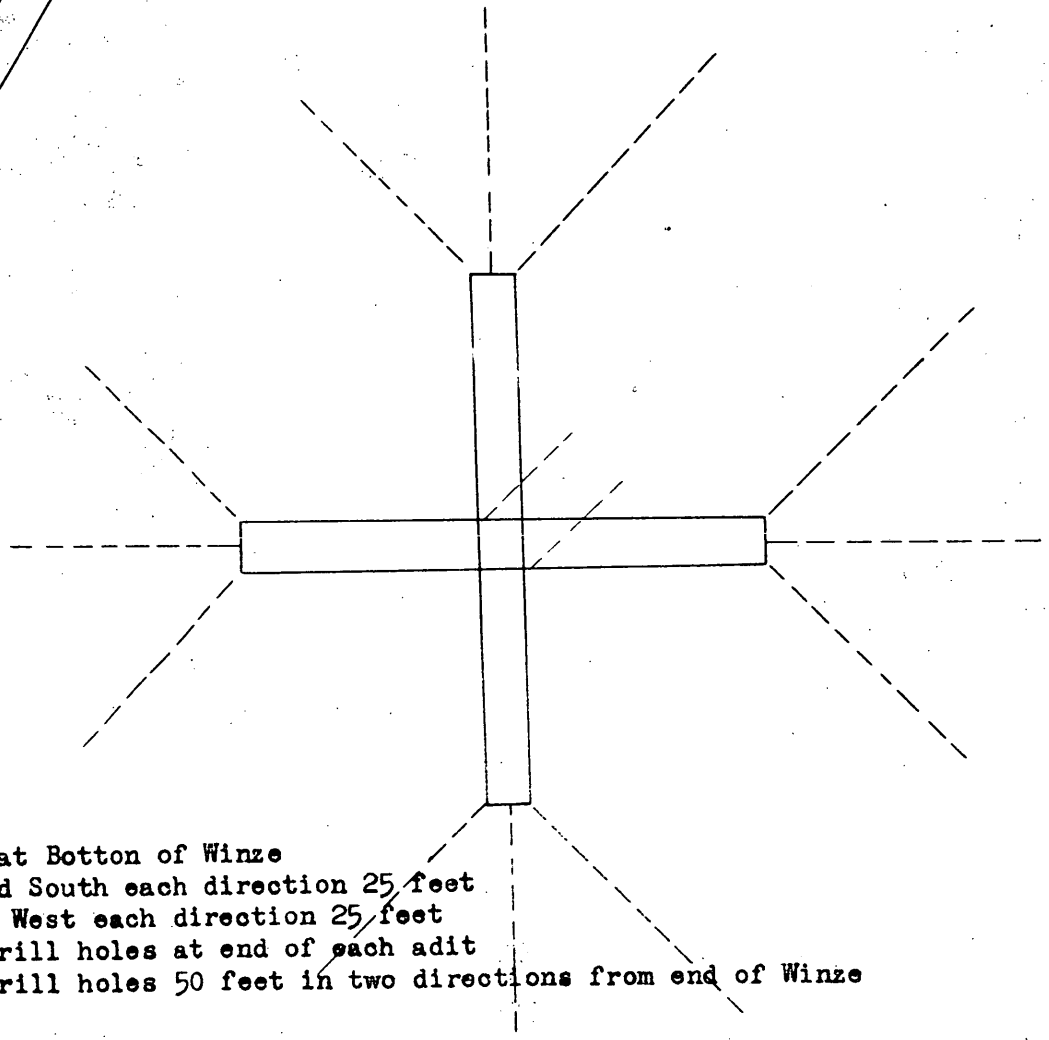
INT.-DUP. SEC. WASH., D.C. 15539

Holiday Mines, Inc., Proposed Exploration Work



SHEET NO. TWO





Criss-Cross at Botton of Winze
North and South each direction 25 feet
East and West each direction 25 feet
3 core drill holes at end of each adit
2 core drill holes 50 feet in two directions from end of Winze

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 7 1958

DATE	INITIALS	CODE

R M Ea

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

RECEIVED
FEB 14 1956

1605 Evans Avenue
Reno, Nevada

February 10, 1956

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application (Uranium)
Holiday Mines, Inc.
Edward Goldberg
Mineral County, Nevada

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

You will please note in the Applicants covering letter that he wishes to have certain exhibits returned.

returned

S. Ricker

S. Ricker

Attach.

BUREAU OF MINES
WASHINGTON, D. C.
FEB 13 9 10 AM '56

Holiday Mines, Inc.
515 FOURTH STREET • ESsex 3-9411
BREMERTON, WASHINGTON

February 6, 1956

RECEIVED
FEB 14 1956

Defense Minerals Exploration Administration
Department of the Interior
Washington, 25, D. C.

DMEA-4172

Dear Sirs:

Total money required from the Defense Minerals Exploration Administration for exploration and drilling of our claims in the Fitting Mining District, Mineral County, Nevada, is as follows: $64,198.00. $66,391.02

This figure is an estimate and as accurate as possible at the present. We will at all times endeavor to purchase and acquire the necessary equipment at the best prices possible at the time equipment is necessary for use. We have spent at the present time, approximately $15,000.00 in exploration work and we are raising the necessary funds to pay the 25 per cent. needed for our participation in a Defense Minerals Exploration Loan.

May we earnestly have your consideration for an early reply, as we feel we have a very large body of radio-active minerals - Uranium, Thorium and other minerals, in our property and that the discovery and development of additional deposits of strategic and critical minerals is vital to our national security and the financial aid by the Government is necessary for us to explore and develop our property.

Very truly yours,

HOLIDAY MINES, INC.

Edward Goldberg

Edward Goldberg,
President

EG/cb

ATTACHED TO THIS LETTER ARE EXHIBITS - PLEASE RETURN THESE AS SOME ARE OUR PERMANENT RECORDS AND ONLY ONE ON FILE.

E. Goldberg

returned - see administrators letter 6/28/56
Jmm

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION II
RECEIVED

1956 FEB 9 AM 9:26

RENO, NEVADA

1/6/56

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
FEB 14 1956

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

Not to be filled in by applicant

Docket No. DMEA-4172
Metal or Mineral Uranium
Date Received 2/14/56
Estimated Cost ~~$53,990.00~~
Participation (Government %)
$66,391.02

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: Holiday Mines, Inc.
515 - 4th St.
Bremerton, Wash.

(*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. See 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

3a to f attached

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

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

(*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

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

4 to 4e 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.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

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

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

5. *The exploration project.*—(*a*) [illegible]e the mineral or minerals for which you [illegible] explore See ATTACHED

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within ..... days and be completed within ..... months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

[X] Money [X] 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 AT. BREMERTON, WN, FEB 6, 1956

HOLIDAY MINES, INC
(Applicant)

By Edward Taetberg
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

1c

HOLIDAY MINES, INC.
515 Fourth St.
Bremerton, Wash.

Edward Goldberg Rt. 1, Box 1839 Bremerton, Wash.	President
Samuel Berch 515 Fourth St. Bremerton, Wash.	Secretary and Treasurer
William D. Cline Rt. 3, Box 1021 Bremerton, Wash.	Director At present Mine Superintendent

RECEIVED
FEB 14 1956

Holiday Mines, Inc.
515 FOURTH STREET • ESsex 3-9411
BREMERTON, WASHINGTON

3a. It is desired to explore the following unpatented claims located in the Fitting Mine District, Mineral County, Nevada:

Claim	Book	Page
Falcon #7-#25	18	411-420
Falcon #7-#26	18	436-446
Falcon #1-#6	18	156-159
Holiday #1	17	536-540
Holiday #3	17	555
Holiday #4, #5-#8	16	3-4
Holiday #6 #7	18	43-49
Holiday #2	18	164
Holiday #1-#5, #8,#9	18	228-231
Holiday #6, #7	18	295

20 claims.

These Claims are approximately 18 miles east of Hawthorne, Nevada, and 3 miles north of Highway 95 (see sketch #2).

3b. The property is known under the name Holiday Mines, Incorporated.

3c. Holder of unpatented claims.

3f. See 3a above.

4a. Exploration operations which have been made consist of:

(1) Radiometric surveys of all claims listed in Par. 3, part (a).

(2) Radiometric and chemical assays of selected claims. The assay reports are submitted as enclosures.

(3) Test pit, approximately 6' x 6' x 10' deep, on Holiday Claim #2.

Exploration operations are currently being conducted on Holiday Claim #2.

At present an adit, 5' x 7', has been driven approximately 75 feet to intersect the vein at a point approximately 60 feet below the vein outcrop. A small chamber, 8' x 3' x 10', has been created at the vein intersection. Approximately 140 feet on track has been laid inside and outside of drift to handle rock (see sketch #1).

Assays have been made at vein intersection (see enclosed AEC report).

I am president and stockholder in "Holiday Mines, Inc."

Mine workings are readily accessible and may be examined at any time.

4b. There is no past or current production, However, there is approximately one ton of ore samples available for examination. Ore reserves have not been blocked out.

4c. The geologic features of the property are as follows: In general the area is a fringe of the Sierra Nevada batholith, and the northern portion of the claims show grano-diorite of this ara. Mineralization and radio-activity occur in an alteration zone (believed hydrothermal) along a fault line. The radio-active zone shows in a near vertical structure approximately 1500 feet in length and from 1 to 3 feet in width. The vertical projection is not possible at this time. The 1500 feet of length is a projected strike and at present is exposed by 5 small prospect holes and the Holiday #2 adit, all showing radioactive material. It is primarily desired to explore the radio-active areas to determine the percentage of U_3O_8 present. Secondary mineralization, (see enclosed assay reports) may upon exploration prove to be of some commercial value.

4d. Access is provided to the Holiday #2 mine site by 1 1/2 miles of all weather bulldozed mine road from all weather county road. The mine road has an approximate 5% grade from county road to within 1/4 mile of the mine site; with the last 1/4 mile at an approximate 15% grade.

Arrangements have been made for future shipping to be accomplished from railroad spur and loading platform at Mina, Nevada--a distance of 17 miles from mine site. Railroad tracks are 2 miles from mine site, and should future production warrant, a spur track and loading platform could be built at this point.

There are several good supply and residence points: Hawthorne, Nevada, (pop 920) county seat of Mineral County, 21 1/2 miles from mine site; Mina, Venada (pop 450) 17 miles from mine site; and Luning Nevada, 17 miles from mine

HOLIDAY MINES, INC.
515 Fourth St.
Bremerton, Wash.

site. These points are readily accessible by good all-weather roads.

4e. Skilled manpower is available.

Materials and supplies are readily available from Mina and Hawthorne, Nevada. Some equipment is available from Mina and Hawthorne, with all other equipment available, for purchase or rental, from Reno, Nevada, approximately 150 miles from mine site.

Adequate power can be obtained from power lines, approximately 4 miles from mine site.

There is no water presently available on the property, and water is now hauled from Luning, Nevada. However, there is a dry-lake bed about 2 miles south of the property, and should exploration indicate the property to be of value, it is anticipated to sink a well in this area. It is believed that this would be an adequate and inexpensive source of water for future production.

5a. It is desired to explore for uranium ore, and other rare earths (see enclosed) assay reports).

5b. The following exploration work is proposed:

(1) The core drilling, to an approximate depth of 500 feet, of all claims listed in paragraph 3, part (a). This drilling to be of such extent as to determine in general the configuration and grade of the radio-active ore body.

(2) The enlargement of present exploratory underground workings of the Holiday Claim #2 (see sketch #1). This enlargement would consist of:

(a) The driving along the strike of the vein of 120 feet of 5' x 7' drift at the main level.

(b) The sinking along the dip of the vein of 200 feet of a 4' x 6' double compartment winze.

(c) The driving of 20 feet of 5' x 7' stub level drift at the 100 foot level. This to be used as a core drilling station.

HOLIDAY MINES, INC.
515 Fourth St.
Bremerton, Wash.

(d) The driving along the strike of the vein of 60 feet of 5' x 7' drift at the 200 foot leve.

(e) Adequate core drilling at all levels to determine in general the configuration and grade of the radio-active ore body.

(f) The installation of suitable trackage, ventilation, piping, and hoisting equipment to accomplish the above exploration.

5c. The work will start within 30 days and be completed within 12 months from the date of an exploration project contract.

5d. The applicant is a business man managing a retail jewelery establishment for the past 10 years.

The operation will be supervised by W. B. Cline, a practical engineer with a total of 30 years of mining experience, including 5years as mine foreman at the Constitution Mine at Masonia, Idaho.

In addition it is proposed to hire a qualified consulting mining geologist during the exploration period.

6a. Independent contracts are as follows:

(1) Core drilling: 10.00/foot 10,000 total

(2) Bulldozing: $10.00/hour $800.00 total

TOTAL

6b. Labor, supervision, consultants (12 month basis) as follows:

(1)	One consulting mining geologist:	$400/month	$4800 total
(2)	One mine superintendent:	$650/month	$7800 total
(3)	One miner:	$533/month	$6400 total
(4)	One mine laborer:	$433/month	$5200 total
			$24,200 TOTAL

6c. Operating materials and supplies as follows:

Mine and carpenter saws (timber)	$ 30.00
Wrenches (pipe and cresent)	35.00
Track spikes, nails, assorted bolts and nuts	50.00
Hammers (double and single jack, carpenter)	25.00
Shovels (8)	40.00

#5

HOLIDAY MINES, INC.
515 Fourth St.
Bremerton, Wash.

Mine level and plumb bob (2)	$ 20.00
MSA skull guards (6)	30.00
Miner's lamps (8) and repairs	35.00
Carbide	10.00
Rubber protective gear	50.00
Carpenter steel square(2)	8.00
100 feet steel tape (2)	24.00
Rail bender (!Jim Crow!)	25.00
Crowbar (6)	20.00
Anvil	25.00
Heavy duty vise	25.00
Blacksmith forge andtongs	50.00
Brace and bits	12.00
Mucking plates (5)	50.00
Timber and lagging	700.00
Tires (rail)	150.00
Tie rods for shaft timber	150.00
Blasting supplies	950.00
Blasting machine (electric)	30.00
Fuel	1500.00
	$4146.00 TOTAL

$4044.00

6d. Operating equipment:

1500 lb. cap mine car (2)	$5100.00
Compressor (rent: $150/month)	1800.00
Sinking hoist, comp. with cable and signal equipment	950.00
Vent system (complete)	1275.00
Mine rail complete (12 lb) 380 ft.	532.00
Pressure water tank for drilling: 50 gallons	200.00
Air receiver	125.00
Jack hammer and steel (2)	800.00
Stoper and steel	650.00
Hoisting bucket	80.00
Light plant complete	1000.00
Truck: 4 wheel drive (used)	700.00
Water trailer: 200 gal. (used)	300.00
Water line (1") with fittings	160.00
Air line (2") with fittings	320.00
Manifold (4 outlet)	60.00
Welding outfit complete	300.00
Core drill	2200.00
	$16552.00 TOTAL

6e. Rehabilitation and repairs: NONE.

6f. New buildings, improvements, installations:

(1) Storage and office building (16' x 20')	$ 300.00
(2) Powder house (8' x 8')	150.00
(3) Shelter for light plant and compressor	50.00
	$ 500.00 TOTAL

#6

HOLIDAY MINES, INC.
515 Fourth St.
Bremerton, Wash.

6g. Miscellaneous:

(1)	Repairs and maintenance	$ 300.00
(2)	Analytical work (12 mo. per.)	4000.00
(3)	Accounting (12 mo. per.)	1200.00
(4)	Employers' liability insurance	1325.02
(5)	Workman's compensation	523.80
(6)	Payroll taxes	446.20
		7795.02 TOTAL

$ 8,295.02

6h. Contingencies:

$2,500

7a. Yes.

7b. Money and use of existing equipment.

May 27, 1958 **Docket Copy**

Addendum

to

SUMMARY OF PROPOSED PROJECT,

dated

June 25, 1956

Murphy
Ellis

Docket No.: DMEA-4172

Commodity: Uranium and thorium

Applicant: Holiday Mines, Inc.
515 Fourth Street
Bremerton, Washington

Application DMEA-4172 was denied by the Administrator's letter of June 28, 1956.

In a letter, dated March 24, 1958, the Applicant requested exploration aid. In response to this letter, Mr. Ellis, on March 27, enclosed MF-103 forms and requested certain information. The new application was submitted May 2, 1958. However, since it appeared that a denial was in order, the application was not given a new docket number.

Letters transmitting the application to Region II were typed on May 14. On that date the Field Team's April report arrived. The report stated that the property had been inspected March 11 and that a report recommending denial was being prepared. Hence, the transmittal letters were not mailed.

Excerpts from the Joint Report of Examination, dated May 8, 1958, by B. H. Sheahan, USBM, and D. B. Tatlock, USGS:

The report covered the same area and geologic information contained in the original summary in the docket.

Subsequent to the two examinations pertaining to the original application, the Applicant sank the winze an additional 10 feet, drove an 80-foot crosscut and a raise to the surface. The new application requested aid in sinking the winze an additional 75 feet with 40 feet of crosscuts from the bottom, at an estimated cost of $10,000. The old application was for uranium only, while the principal element sought under the new application is thorium.

Radioactive minerals, chiefly thorite and huttonite, are concentrated along fracture planes and disseminated in gouge and bleached granular rock in a zone of fractured, faulted, and hydrothermally altered granodiorite. Traces of uranophane and autunite are present locally, but not in sufficient quantities to account for the radioactivity.

The most highly radioactive material occurs along the intersection of two gouge-filled fractures, each about ¼ inch wide, at the northeast end of the main adit level. The mineralized material along the intersection is pipe-like in shape, ranges from 1 to 4 feet in diameter, and plunges about 30° north-northwest for 35 feet to the end of the workings. The best material in the intersection averaged 0.27% eU_3O_8 and 0.08% eU_3O_8.

The examiners took 22 samples from the most radioactive exposures on the property. Two samples from the winze at depths of 11 feet and 24.5 feet assayed chemically 0.16 and 0.10% U_3, respectively. The examiners estimate the measured and indicated ore reserves to be about 10 tons containing 0.41% ThO_2 and 0.08% U_3O_8. Inferred ore reserves of the same grade might total 200 tons.

The corporation has expended about $30,000 on prospecting, location work, development work, and on equipment and supplies to date.

There are no geologic or radiometric indications, either underground or on the surface, from which to infer the existance of larger or higher grade ore bodies along the zone of alteration northwest and southeast of the mine workings.

The examiners and Field Team recommend that the new application should be denied because the proposed program is larger than is warranted by the size and grade of the one deposit exposed.

Commodity Members' Comments:

In memoranda, dated May 22 and 23, 1958, James Paone, USBM, and N. E. Nelson, USGS, respectively, concur in the examiners' recommendation that the application be denied.

Division of Rare and Miscellaneous Metals,
F. M. Murphy, May 27, 1958:

The work performed by the Applicant confirms the original conclusions reached by the DMEA staff, that there is little possibility of finding significant uranium ore deposits on the property. The last examination indicates that the thorium content of the best material is far below ore grade.

Conclusions and Recommendations:

This Division agrees with the findings and conclusions of the field examiners. Therefore, it concurs in their recommendation that the new application for work should be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis

DMEA Form 7
(12-56)

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Date	Surname	Code
5/27/58	Murphy	700
5/28	[illegible]	700
5/28	[illegible]	130
"	[illegible]	110
"	Mittendorf	100
5/29	C O	220
		225
5/28	Lamb	130
5/28	Nilsgaard	130

MAY 28 1958

Mr. Edward Goldberg, President
Holiday Mines, Inc.
515 Fourth Street
Bremerton, Washington

Re: Docket No. DMEA-4172 (Uranium)
Holiday and Falcon Claims
Mineral County, Nevada

Dear Mr. Goldberg:

Your new application for aid in an exploration project has been filed with your previous application under Docket No. DMEA-4172.

A review of the two applications, as well as the results of the field examination made on March 11, 1958, to inspect the new excavations, has disclosed no additional information that might alter our previous conclusions as to the favorability of the subject claims. We regret to advise you that, under these circumstances, your new application for exploration aid is denied.

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

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

FMMurphy/gla
5-27-58
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
Mr. Murphy
DMEA Field Team, Region II (2)

8623

June 25, 1956

F. L. Ellis

SUMMARY OF PROPOSED PROJECT

Operator: Denial of application for an exploration project.

Docket No.: DMEA-4172

Commodity: Uranium

Applicant: Holiday Mines, Incorporated
515 Fourth Street
Bremerton, Washington

Property: Consists of 20 unpatented lode mining claims, owned by Applicant, as follows: Holiday Nos. 1,1,2,3,4,5,5,6,6, 7,7,8,8, and 9. Falcon Nos. 1,6,7,7,25 and 26, located in Secs. 3 and 10. T.8.N.,R.33E. MDM & B, Mineral County, Nevada.

Date of Application: February 6, 1956.

Work Proposed: To explore a reported 1500 foot long northwest-trending radioactive hydrothermally altered vein along a fault by means of 1000 feet of diamond core drilling 120 feet of drifting from existing adit levels in zone, a 200 foot winze from the adit and 60 feet of drifting from the bottom of the winze.

Cost of Proposed Work:

80 hrs. - Tractor dozer work @ $10.00/hr.	$ 800.00
1000 ft. diamond core drilling @ $10.00/ft.	10,000.00
Supervision	12,600.00
Labor	11,600.00
Operating materials and supplies	4,044.00
Operating equipment	16,552.00
New buildings	500.00
Miscellaneous	7,795.02
Contingencies	2,500.00
Total estimated cost of project	$ 66,391.02
Government participation at 75%	$ 49,793.00

Field Team Report: Joint report by B. H. Sheahan and Walter Bank, USBM, and D. B. Tallock, USGS, dated June 8, 1956

The Holiday Mine is located at the southeast end of the Gillis range. Dioxite and granodiorite intruded Triassic and Jurassic sediments along the Gillis Thrust, the major structural feature of the range. Granodiorite is the only rock exposed in the immediate vicinity of the mine. A zone of fracturing and alteration, ranging from 20 to 50 feet wide extends intermittently

about 200 feet northwest of, and 1,000 feet southeast from the mine workings. Much of the granodiorite in the fractured zone has been hydrothermally altered. In a few places along the altered zone small pegmatitic pods were found. Heavy gouge, dendritic manganese, ferrous oxides, and calcite also occur along the fracture zone.

Radioactive material, chiefly thorite and huttonite, is concentrated along fracture planes and disseminated in grouge and altered granodiorite.

This fracture and alteration zone has been explored by a few surface pits, a 95 foot adit crosscut which cut through the alteration zone, and also 25 feet of drift and a 25 foot incline winze along the zone. The underground work exposed a mineralized pipe shaped body ranging from 1 to 4 feet in diameter 25 feet long thatplunges about 30 degrees in a northwest direction. The best material in this mineralized shoot averages 0.27 percent eU_3O_8 and c0.08 percent U_3O_8. Fifteen samples taken by the examiners show an estimated measured reserve totaling 10 tons containing 0.08 percent U_3O_8 and 0.41 percent ThO_2, and an inferred reserve of about 200 tons containing 0.08 percent U_3O_8 and 0.40 percent ThO_2.

There are no geologic or radioactive indications on the property from which to infer the existence of larger or higher grade ore bodies. Therefore, it is recommended that the application for Government aid be denied.

Field Team concurs with examiners' recommendations.

Comments of Commodity Specialists:

USGS, N. E. Nelson, June 21, 1956, concurs with recommendations of Field Team.

USBM, James Paone, June 21, 1956, concur with recommendations of Field Team.

Rare and Miscellaneous Metals Division - F. L. Knouse p June 22, 1956.

Since only one small body of low grade uranium and thorium has been found and there are no indications that larger and higher grade bodies will be discovered on the property I concur with the field examiners, Field Team, and commodity specialists, that the application for Government exploration aid be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

IN REPLY REFER TO:

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

May 23, 1958
Re: DMEA 4172
Holiday Mines, Inc.
Holiday and Falcon Claims
Mineral County, Nevada
$10,000.00 - Thorium-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, by extending a winze 75 feet and crosscutting 40 feet, a small pipelike thorium-uranium-bearing mass of hydrothermally altered granodiorite. The same applicant applied for assistance on similar work in 1956, DMEA 4172. The application was denied. In the meantime further work, consisting of a small extension of the winze and a raise, was done.

The most highly radioactive material occurs along the intersection of 2 gouge-filled fractures, each about 1/4 inch wide. The pipelike body ranges in diameter from 1 to 4 feet and plunges about 30° to the north-northwest for 35 feet. The best material in the intersection averages 0.47% eU_3O_8 and 0.16 U_3O_8.

The examiners sampled the occurrence thoroughly. Of the 22 samples taken, the highest assays are:

Element	Sample No.	Content % eU_3O_8	Content % cU_3O_8
Uranium	B-1	0.39	0.07
"	B-5	0.21	0.10
"	B-6	0.47	0.16
Thorium	B-1	0.85 ThO_2	
"	B-5	0.37 "	
"	B-6	0.70 "	

The examiners estimate the measured and indicated reserves as about 10 tons of:

0.08% U_3O_8
0.41% ThO_2

Inferred reserves are about 200 tons, of about the same grade.

In the opinion of the examiners, the proposed work program is larger than is warranted by the size and grade of the exposed ore body, and they recommend denial of the application.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

Original Has Copy

DMEA
RECEIVED MAY 22 1958

Initials	Initials	CODE
5/22	C	220
5/23	FMM	700

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

Date May 22, 1958

DMEA Docket No. 4172
DMEA Contract No.
Commodity Uranium-thorium
Name of applicant Holiday Mines, Inc.
Name of property Holiday and Falcon Claims
Location of property Mineral County, Nevada
Estimated cost of project

Memorandum

To: ErnestWilliam 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: 5/14/58. 2. Date received by reviewer: 5/21/58.

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)

DMEA

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

May 14, 1958

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4172 (Thorium-Uranium)
Holiday Mines, Inc.
Holiday and Falcon Claims
Mineral County, Nevada

Enclosed are three copies of a report by B. H. Sheahan, Bureau of Mines, and D. B. Tatlock, Geological Survey, in which a denial of application for DMEA exploration aid is recommended.

Roscoe Smith and I concur in the recommendation.

New application has not yet been referred. Please see correspondence between Mr. Ellis and Goldberg.

S. Ricker

Attachments

Reviewed by
DMEA OPERATING COMMITTEE
5-21-58
(date)

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5/22	FMM	700

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UNITED STATES
DEPARTMENT OF THEINTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-4172 (Thorium)
Holiday Mines, Incorporated
Holiday and Falcon Claims
Mineral County, Nevada

by

B. H. Sheahan
U. S. Bureau of Mines

D. B. Tatlock
U. S. Geological Survey

May 8, 1958

Reviewed by
DMEA OPERATING COMMITTEE
5-21-58
(date)

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Applicant's Exploration Proposal	13

ILLUSTRATIONS

Figure 1 . . . . . Sketch map

Figure 2a . . . . . Geologic Sketch map

INTRODUCTION

The Holiday Mines, Inc., 515 Fourth Street, Bremerton, Washington, by letter dated March 24, 1958, requested Government assistance in a $10,000.00 program under the Defense Minerals Exploration Administration, to explore for thorium at the Holiday and Falcon Claims, Mineral County, Nevada.

The property was the subject of a previous application under Docket No. DMEA-4172 (Uranium) and exploration assistance was denied. The field examination was made March 20-21, and 27, 1956 by B. H. Sheahan and Walter Bank, U. S. Bureau of Mines, and D. B. Tatlock, U. S. Geological Survey. The main workings were revisited by Walter Bank on April 30, 1956 to sample an inclined winze where operations were being conducted.

During the interim period since April, 1956, the company sank the winze an additional ten feet and drove an 80-foot crosscut and a 25-foot raise. The applicant also found that a thorite concentrate could be obtained from some radio-active material obtained from selected specimens of mineralized rock in the winze that contained thorite.

Recent workings were examined by B. H. Sheahan, U.S.

Bureau of Mines, accompanied by Mr. Edward Goldberg, president of Holiday Mines, Inc., on March 11, 1958. All underground workings were checked with a Geiger counter. New workings were mapped and sampled. Surface outcrops, 500 feet southeast of the property, were inspected and sampled.

The applicant's letter of March 24, 1958 states that he proposes to sink the winze an additional 75 feet and crosscut 20 feet in each direction from the bottom to explore for thorium mineralization.

A sketch map (Fig. 1) shows all underground workings and sample locations. Sketch map (Fig. 2a) combines the new work with that shown on original map (Fig. 2) attached to examination report dated June 8, 1956. Samples taken previously from the property and recent samples are included with this report.

CONCLUSIONS AND RECOMMENDATIONS

The property is idle and is still in the prospect stage. Radioactive material, chiefly thorite and huttonite, is concentrated along fractures and disseminated in gouge and bleached granular rock in a north-plunging, pipe-like body controlled by

two intersecting faults in a zone of hydrothermally altered granodiorite. Reserves, all of less than ore grade, total about 210 tons averaging about 0.08 percent U_3O_8 and 0.41 percent of ThO_2.

Samples taken from recent workings showed only insignificant amounts of thorium and uranium. There are insufficient indications of ore in the target area to justify the work which the applicant proposes.

It is recommended that Government assistance to explore the deposit be denied because of the small size and low grade of the one known ore body and the lack of geologic and radiometric indications, either underground or on the surface from which to infer the existence of larger and higher grade ore bodies.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The Holiday and Falcon claims are in secs. 3 and 10. T. 8 N., R. 33 E., M.D.B.&M., Mineral County, Nevada. The prospect is in the Fitting mining district on the southeast slope of the Gillis range. The portal of the main adit is at an altitude of about 4,850 feet.

To reach the property from Hawthorne, Nevada, travel 18.4 miles easterly on U. S. Highway 95, turn left (northerly) on a graded dirt road 3.4 miles to a cabin near the adit. The total distance from Hawthorne is 21.8 miles. The last half mile of road is steep but can be traveled with a standard automobile.

Hawthorne, Nevada is the nearest source of labor, supplies, and equipment. There is no water available on the property but water for mine use could be obtained at Kincaid Siding or Acme Tank a few miles southwest of the claims. A California electric power transmission line is within four miles of the adit but power for compressed air requirements is obtained from a portable unit.

Wage scale for miners:	$2.00/hr.
Timber costs:	$60.00-$130./M
Explosives:	$24.80/cwt.
Mine rail:	$100. - $130./T
Rail siding:	Luning - 14 miles
Truck haulage cost:	$0.07/ton mile
Nearest ore purchaser:	Salt Lake City, Utah

HISTORY AND PRODUCTION

The property is owned by the applicant. Claims located or held by Mr. Ted Johnson were assigned to the

corporation. The group includes about forty unpatented claims which cover the mineralized outcrop and extend far out into the adjoining valley. Location certificates are recorded at Hawthorne, Mineral County, Nevada, on Falcon No. 1 to No. 26, inclusive; Falcon; Holiday Lode; and Holiday No. 1 to No. 9, inclusive; in book 17, pages 337 to 540 and in book 18, pages 3 to 446.

The main exploratory workings are on the Holiday Nos. 2 and 3 claims. A property sketch map included with the first application presents a general picture but it is not accurate.

The applicant and employees have had little experience in thorium or uranium mining. The corporation plans to provide its share of the requested loan with money and by depreciation on use of equipment.

DEVELOPMENT

The deposit has been explored by a few shallow surface exploration pits and by a 175-foot crosscut adit and 25-foot raise to the surface. A 25-foot drift was extended northwesterly from the crosscut, and a 35-foot inclined winze was

sunk northwesterly from this main crosscut. No other workings are on the property other than shallow location pits most of which were excavated by bulldozers in the alluvial fan below the main workings.

The corporation has expended about $30,000 on prospecting, location work, development work, and on equipment or supply purchases. Negotiations between Holiday Mines, Inc. and Lindsay Chemical Company, West Chicago, Illinois, indicate that there is a market for thorite ores and concentrates that contain not less than 10 percent ThO_2.

Surface facilities include the following:

1 office-tool shed, 12 ft. by 16 ft. - fair condition.
380 ft. mine track, 12 to 16 lb/yd. - good condition.
2 mine cars, 16 cubic feet capacity - fair condition.
1 air compressor, 105 c.f.m., portable, rental purchase.
1 jackhammer, light weight and drill steel - good condition.
1 stoper and drill steel - good condition.
1 jackleg, drill and drill steel - good condition.
1 Jeep, new, owned by Mr. William B. Cline.
1 truck, $\frac{1}{2}$-ton, used, owned by Mr. Ted Johnson.
2 Geiger counters - fair condition.
2 Scintillators - fair condition.
2 Ultraviolet lights - fair condition.
1 loading bin (steel) - good condition - 50-ton capacity.
1 cabin, 8 ft. x 12 ft. - fair condition.

GENERAL GEOLOGY

The Holiday mine is at the southeast end of the Gillis range in the Basin-Range province. The Middle Triassic

Excelsior formation, chiefly greenstone with lenses of clastic and limy sediments, has been thrust eastward over crystalline limestone and slate of the Upper Triassic Luning formation. Sandstone and conglomerate of the Lower Jurassic Dunlap formation unconformably overlie both the Excelsior and Luning formations. The thrust, called the Gillis thrust, is the major structural feature of the range; it strikes northwest and dips gently southwest. Diorite and granodiorite were intruded along the plane of the Gillis thrust after deposition of the Dunlap formation.

Granodiorite is the only rock exposed in the immediate vicinity of the mine. Flow banding strikes about N 20° E and dips 60° northwest in the northwestern part of the mine area, but in and above the underground workings the banding strikes northwesterly parallel to a highly fractured and faulted zone. The zone of fracturing and alteration extends intermittently for about 200 feet northwest of, and 1,000 feet southeast of the mine workings and ranges from 20 to 50 feet in width.

Much of the granodiorite in the faulted zone has been hydrothermally altered. In general the alteration is gradational

into the normal granodiorite. Where alteration has been most intense, as along the margins of gouge zones, the rock is almost white and has the granular texture of aplite. It is composed chiefly of quartz, sodic plagioclase, and clay minerals. In a few places along the altered zone small pods have a pegmatitic texture. Numerous small aplite dikes occur in the surrounding area. Gouge zones in the altered rock range from 2 to 10 inches in thickness and are composed of pulverulent quartz, opal, and clay minerals. A white, soft, rubbery material, probably consisting of clay minerals, and streaked with reddish-orange iron stain, occurs in thin bands as much as one-inch thick along the margins of some of the gouge zones. Some dendritic pyrolusite, ferrous oxide, and calcite occur along fracture planes.

In contact with the granodiorite a few hundred feet north of the mine are highly folded hornfels, greenstone, metatuff, and quartzite of the Luning and Dunlap formations. Recent alluvial deposits border the granodiorite to the south.

ORE DEPOSITS

Radioactive material, chiefly thorite and huttonite, is concentrated along fracture planes and disseminated in gouge

and bleached granular rock in the zone of fractured, faulted, and hydrothermally altered granodiorite. Traces of uranophane and autunite are present locally but not in sufficient quantities to account for the radioactivity.

The most highly radioactive material occurs along the intersection of two gouge-filled fractures, each about $\frac{1}{4}$-inch wide, at the northeast end of the main adit level (Fig. 2a). One fracture strikes about N 50° E and dips 50° northwest; the other strikes about N 35° W and dips 45° northeast. The intersection plunges about 30° north-northwest. Radioactive material consisting of reddish-brown to pale greenish-yellow thorite and clear to pale cream huttonite is disseminated irregularly from 1 to 2 feet into the surrounding bleached, granular, aplite-like rock. No uranium minerals were seen along the intersection; the uranium present is probably in the thorite (uranothorite). The ore body is pipe-like in shape; it ranges from 1 to 4 feet in diameter and plunges about 30° north-northwest for 35 feet along the intersection to the end of the workings. The best material in the intersection averaged 0.27 percent U_3O_8 equivalent and 0.08 percent U_3O_8 chemically.

SAMPLING

Twenty-two samples were collected by the examiners. Locations are indicated on the attached maps (Fig. 1 and Fig. 2a).

Areas where radioactivity was reported were checked with a Geiger counter. The sample analyses represent the grade of the most radioactive exposures on the property.

Sample No.	Width feet	Percent eU_3O_8	Percent cU_3O_8	Percent THO_2	Remarks
S-433	2.5	Tr.			Granitic rock No. 1 surface pit. Horizontal cut.
S-434	6.0	Tr.			Granitic rock, surface pit, horizontal cut.
S-435	2.0	Tr.			Granite at 95-ft. point in adit, vertical cut.
S-436	grab	0.08			Grab from $\frac{1}{2}$-ton stockpile.
S-437	2.0	0.08	0.07	0.15	In winze at 4.5 ft. depth, horizontal cut, east side.
S-438	2.0	Tr.			In winze at 4.5 ft. depth, horizontal cut, center.
S-439	1.0	0.02			In winze at 4.5 ft. depth, horizontal cut, west side.
S-440	5.0	Tr.			Face of drift, vertical cut.

Sample No.	Width feet	Percent eU_3O_8	Percent cU_3O_8	Percent ThO_2	Remarks
S-441	selected	0.22	0.22		Previously sampled by AEC back of drift.
S-442	1.0	Tr.			From back of drift.
*B-1	grab	0.39	0.07	0.85	Grab from top of 1-ton ore car, ore from winze, 6 ft. depth.
B-3	selected	no assay	Thorite (possibly uranothorite)		Select specimen for mineral identification, from winze, ore car.
B-4	1.2	0.01	0.02	0.01	From back of winze, 7 ft. depth, horizontal cut.
B-5	3.0	0.21	0.10	0.37	From side of winze, 24.5 ft. depth.
B-6	5.0	0.47	0.16	0.70	From side and back of winze, 11 ft. depth.

* A spectrographic analysis of sample B-1 showed that rare earths are absent.

The following check samples were taken March 11, 1958 from the 35-foot winze and recent crosscut. All underground workings were checked with a Geiger counter.

Sample No.	Width feet	Percent eU_3O_8	Percent ThO_2	Description and remarks
S-713	3.0	0.11	0.15	Light gray altered granodiorite from side of winze.
S-714	3.0	0.01	0.05	" " " " "
S-715	10.0	Tr.	0.02	Light gray hydrothermally altered granodiorite from crosscut.

Sample No.	Width feet	Percent eU_3O_8	Percent ThO_2	Description and remarks
S-716	10.0	Tr.	0.03	Light grey hydrothermally altered granodiorite from crosscut.
S-717	10.0	Tr.	0.03	" " " " " "
S-718	15.0	Tr.	0.03	" " " " " "
S-719	hand specimens	0.005	see remarks	Sample from prospect pit 500 ft. SE of Adit. Altered leucodiorite composed principally of andesine feldspar and actinolite with a trace of thorite.

A gravity concentrate obtained by William B. Cline, superintendent, was submitted to the U. S. Bureau of Mines on July 31, 1957. It was recovered from several pounds of selected ore and consisted of about three ounces of minus twenty mesh grains of thorite with uranothorite. A radiometric count indicated 11.72 percent U_3O_8 equivalent, or a calculated thorium oxide content of about 35 percent ThO_2 as based on previous assay results.

ORE RESERVES

Measured and indicated reserves total about 10 tons and average 0.41 percent ThO_2 and 0.08 percent U_3O_8. These reserves are localized around the periphery of a north-plunging

pipe-like body, about 3 feet in diameter and 35 feet in length, at the northeast end of the underground workings. Reserves totaling about 200 tons averaging 0.08 percent U_3O_8 and 0.40 percent ThO_2 are inferred to exist along the altered zone southeast of the mine workings.

APPLICANT'S EXPLORATION PROPOSAL

The applicant proposes to sink the existing 35-foot inclined winze an additional 75 feet and crosscut 20 feet in each direction from the bottom. He estimates that the cost of this work would amount to $10,000.00, of which the Government's share would be $5,000.00.

This program is larger than is warranted by the size and grade of the one ore body exposed. There are no geologic or radiometric indications, either underground or on the surface, from which to infer the existence of larger or higher grade ore bodies along the zone of alteration northwest and southeast of the mine workings.

IN REPLY REFER TO:

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

May 12, 1958

Memorandum

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

From: T. H. Kiilsgaard, U. S. Geological Survey

Subject: Review of application, Holiday Mines, Inc., DMEA Docket 4172, Holiday and Falcon Claims, Mineral County, Nevada

The applicant previously submitted an application on this same property in 1956. The property was examined and recommended for denial because of the small size and low grade of the one known ore body, and the lack of geological or radiometric indications that might be used to infer the existence of a larger or higher grade ore body.

Since the original application, the applicant has deepened the winze from a depth of 25 to 40 feet, besides doing some additional drifting. He now claims to have encountered thorium ore of substantially higher grade and has submitted two assays to prove this discovery. He also states the company has produced 15 tons from the present winze, which averages 2 percent or better ThO_2.

From what has been submitted, the property does not look much better than it did when the Field Examiners originally visited it. The applicant has, however, produced some ore and claims to have found mineralization of better grade than the examiners saw. I therefore recommend the Field Team visit this property to check on the latest findings before recommending further action on this application. This action will require field time spent on what very probably will be a denial, but this will be better than denying the application without the courtesy of examining the new evidence now offered by the applicant.

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DMEA
RECEIVED MAY 13 1958

DATE	INITIALS	CODE
5/13	C	220
"	YMM	700
Complete		

T. H. Kiilsgaard

T. H. Kiilsgaard

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DMEA
RECEIVED MAY 12 1958

DATE	INITIALS	CODE
5/12	C	220
5/13	7 MM	700

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

Date May 12, 1958

DMEA Docket No. 4172
DMEA Contract No.
Commodity Uranium
Name of Applicant
Name of property Holiday and Falcon Claims
Location of property Mineral County, Nevada
Estimated cost of project $66,391.

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: 5/2/58. 2. Date received by reviewer: 5/9/58

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 meeting 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 ☐
   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 view of the work done by the applicant, the field examiners should be able to evaluate the merits of the subject property thoroughly.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
3/28	Knouse	700
"	Ellis	700
"	Rittenhouse	100
3/28		220
		700

Mr. Edward Goldberg, President
Holiday Mines, Inc.
515 Fourth Street
Bremerton, Washington

MAR 27 1958

Re: Docket No. DMEA-4172 (Uranium)
Holiday and Falcon Claims
Mineral County, Nevada

Dear Mr. Goldberg:

Before we can evaluate the merits of the proposed exploration program described in your letter of March 24, we will need the following information:

1. Enclosed are five MF-103 forms. Four of these forms should be filled out and returned. You need not duplicate the information submitted with the former application (Docket No. DMEA-4172), but you should indicate that the information was furnished in the earlier application; and

2. Describe in detail the work you propose to do, i.e., on a map or sketch drawn to scale, show the location and extent of the proposed work and where the samples referred to in your letter were procured. Also describe (a) how the samples were taken, (b) mineralized exposures sampled, and (c) any additional mineral exposures made since the Government examination was made of your property.

You should furnish four copies of the above so the processing of your application will not be delayed.

Sincerely yours,

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

FLKnouse/gla/izm 3-28-58
Enclosures Mr. Knouse
Admr.'s Reading File
DMEA FT Reg. 3 (2)

8623

Holiday Mines, Inc.

515 FOURTH STREET • ESsex 3-9411
BREMERTON, WASHINGTON

CORRESPONDENCE COPY
DMEA
MAR 26 1958

DATE	INITIALS	CODE
3/26	C	220
3/26	FLK	700

March 24, 1958

United States Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D.C.

Re: Docket DMEA-4172 (Uranium)
Holiday and Falcon claims
Mineral County, Nevada

Dear Sirs:

We wish to re-apply for aid in an exploration project on our property located in the Fitting Mining District, Mineral County, Nevada.

We originally applied for a loan on a basis of Uranium find but were refused (Docket DMEA-4172 (Uranium).

On assaying our ore and sending samples into Lindsay Chemical Company of Chicago, we find we have a better than average quality of Thorite ore. Two sample assays from 30 ft. in our winze enclosed.

We wish to apply for a loan of $10,000.00 to run a 75 ft. winze ~~over~~ from our present dog hole and also run a crosscut at the bottom 20 ft. in each direction. We also wish to core drill from the end of the crosscuts and also from the bottom of the winze, the purpose is to check the extent of our ore body.

Respectfully,

HOLIDAY MINES, INC.

Edward Goldberg

Edward Goldberg, President

EG/cf
Enclosures

cc: Mr. Spangler Ricker, DMEA Office, Reno, Nevada

COPY

YAPUNCICH, SANDERSON & BROWN
Laboratories

P.O. Box 593
Phone 9-8979

20 North 31st Street
Billings, Montana

To: Holiday Mines, Inc.
515 - 4th Street
Bremerton, Washington

Date 5-31-56
Lab. No. 2618
Invoice No.
Total Charges

CERTIFIED URANIUM ASSAY REPORT

SAMPLE	RADIOMETRIC ASSAY Equivalent U_3O_8, o/o by weight	CHEMICAL ASSAY U_3O_8, o/o by weight
Hawthorne Sample		
5-14-56	2.0	0.46

Thorium Oxide (ThO_2) - - - - - - - - - 9.67%

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RECEIVED MAR 26 1958
DATE | MINERAL | CODE

Signed by R. L. Brown
Chemist

Assayers for exploration and development of uranium deposits

COPY

YAPUNCICH, SANDERSON & BROWN
Laboratories

P.O. Box 593
Phone 9-8979

20 North 31st Street
Billings, Montana

To: Holiday Mines, Inc.
515 - 4th Street
Bremerton, Washington

Date	7-12-56
Lab.No.	27-U
Invoice No.	
Total Charges	$20.00

CERTIFIED URANIUM ASSAY REPORT

SAMPLE	RADIOMETRIC ASSAY Equivalent U_3O_8, o/o by weight	CHEMICAL ASSAY U_3O_8, o/o by weight
Hawthorne		
7-5-56	1.4	0.16

Thorium (ThO_2) - - - - - - - - - 5.48%

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DMEA
RECEIVED 26 1958
DATE

Signed by R. L. Brown
Chemist

Assayers for exploration and development of uranium deposits

Surname copy

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

Mr. Edward Goldberg, President
Holiday Mines, Inc.
515 Fourth Street
Bremerton, Washington

JUN 28 1956

Re: Docket No. DMEA-4172 (Uranium)
Holiday and Falcon Claims
Mineral County, Nevada

Dear Mr. Goldberg:

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 to us 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 Program and for bringing your property to our attention.

Pursuant to the request in your letter of February 6, 1956, the exhibits listed below are returned herewith:

1. Letter, dated July 26, 1955, from Mr. Howard R. Johnson, Mining Engineer, to you;

2. Sketch of Property, captioned "University of Nevada, School of Mines, Assay Report #859";

3. Five assay reports, as follows:
   Nevada Mining Analytical Laboratory, No. 859, 6/16/55
   Ontario Testing Laboratories, 7/13/55
   Lancks Testing Laboratories, No. 13413-C, 8/26/55
   Lancks Testing Laboratories, No. 13413-B, 8/26/55
   Lancks Testing Laboratories, No. 13413-A, 8/26/55

4. Letter, dated September 8, 1955, from A. J. Rambosek, District Supervisor, Atomic Energy Commission, to you;

4. Letter, dated September 27, 1955, from Ernest E. Thurlow, Chief Salt Lake Exploration Branch, Division of Raw Materials, Atomic Energy Commission, to you;

5. Bureau of Mines, Salt Lake City, Utah. Chemical Laboratory Report, No. 373, dated September 21, 1955;

6. Letter, dated October 24, 1955, from Ernest E. Thurlow, Chief, Salt Lake Exploration Branch, Division of Raw Materials, Atomic Energy Commission, to you;

7. Bureau of Mines, Salt Lake City, Utah, Chemical Laboratory Report, No. 486, dated October 20, 1955;

8. Metallurgical Laboratory Certificate of Analysis, No. 5003, dated November 9, 1955;

9. Three certificates, as follows:
   Nevada Mineral Laboratories, dated 12/22/55
   Lancks Testing Laboratories, No. 14390, dated 12/30/55
   Nevada Mineral Laboratories, No. 74991, dated 1/1/56

10. Letter, dated January 20, 1956, from Atomic Energy Commission, Salt LakeExploration Branch, dated January 20, 1956; and

11. Pencil sketch, Holiday Mine, Mineral Co., Nevada.

Sincerely yours,

G. O. Mittendorf

Administrator

Enclosures

FLKnouse/gla
6-26-56
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
Code 700
Mr. Knouse
DMEA FieldTeam, Region II (2)

6/22/56
ai

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

June 21, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

Subject: Report of examination, DMEA Docket 4172 (Uranium) Holiday Mines, Inc.,(Holiday and Falcon claims) Mineral County, Nevada

I have reviewed the report of examination, DMEA Docket 4172 Holiday Mines, Inc. (Holiday and Falcon claims) Mineral County, Nevada, dated June 3 and received in this office June 18, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The field examiners recommend that the application for exploration assistance be denied because of the small size and low grade of the one known ore body and of the lack of geologic and radiometric indications from which the existence of larger ore bodies could be inferred.

We concur in the denial.

The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

James Paone
James Paone

RECEIVED
JUN 22 1956

6/22/56 ai

IN REPLY REFER TO:

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

RECEIVED
JUN 22 1956

June 21, 1956

Re: DMEA 4172
Holiday Mines, Inc.
Holiday Group
Mineral Co., Nevada
$66,493.00 - 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 a radioactive zone in granodiorite. The radioactivity is associated with a hydrothermally altered zone in the granodiorite. The locality of greatest activity has been explored by a crosscut with short drifts and a 25-foot winze. Many samples have been taken by the applicant and others in and near the face of the adit and varying degrees of radioactivity are shown. Of 15 samples, taken by the examiners, 6 showed marked radioactivity, 0.08 eU_3O_8 or better, and 4 plus 0.21% eU_3O_8 as:

Sample No.	% eU_3O_8	% cU_3O_8	% Th O_2
S-441 (Selected)	0.22	0.22	Not run
B-1 Grab	0.39	0.07	0.85
B-5 Width 3.0'	0.21	0.10	0.37
B-6 " 5.0'	0.47	0.16	0.70

The samples B-1, B-5 and B-6 came from the winze, the center of radioactivity. The winze is in the trough between two gouge filled fractures and appears to follow a northeast plunging pipe-like body 3 feet in diameter. The examiners estimate the reserves in the winze at 10 tons. They allow 200 tons averaging 0.08% U_3O_8 and 0.40% Th O_2 to the altered zone southeast of the mine workings but do not give details of measurements or sampling. They conclude "There are no geologic or radiometric indications, either underground or on the surface, from which to infer the existence of larger or higher grade ore bodies along the zone of alteration northwest and southeast of the mine workings."

I concur with the conclusions and the recommendation of denial of the application of the examiners and the Field Team.

N. E. Nelson

N. E. Nelson

R. M. E.
6/19/56
G.L.

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

1605 Evans Avenue
Reno, Nevada

June 11, 1956

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4172 (Uranium)
Holiday Mines, Inc.
Holiday and Falcon claims
Mineral County, Nevada

Reference is made to your letter of February 27, 1956 relative to subject property.

Attached are four copies of a report by D. B. Tatlock, Geological Survey and B. H. Sheahan and Walter Bank, Bureau of Mines in which it is recommended that application for DMEA exploration aid be denied.

Roscoe Smith and I concur in the recommendation.

S. Ricker

RECEIVED
JUN 13 1956

Attach.

Reviewed by
DMEA OPERATING COMMITTEE
6-18-56
(date)

FIRST CIV-SIZE EXAM. REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA 4172 (uranium)
Holiday Mines, Incorporated
Holiday and Falcon claims
Mineral County, Nevada

by

B. H. Sheahan
Walter Bank
U. S. Bureau of Mines

D. B. Tatlock
U. S. Geological Survey

RECEIVED
JUN 13 1956

Reviewed by
DMEA OPERATING COMMITTEE
6-18-56
(date)

June 8, 1956

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Development	5
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Ore Deposits	8
Sampling	9
Ore Reserves	10
Proposed Exploration	11

Illustrations

Figure 1 . . . . . Location map

2 . . . . . Holiday mine map

INTRODUCTION

Holiday Mines, Inc., 515 Fourth Street, Bremerton, Washington, applied for Government assistance in a $66,493.00 program under the Defense Minerals Exploration Administration, docket DMEA-4172, to explore for uranium at the Holiday and Falcon claims, Mineral County, Nevada.

The application was signed by Mr. Edward Goldberg, president of the corporation, on February 6, 1956; and a field examination or a report was requested by the Operating Committee February 27, 1956. The property was examined by B. H. Sheahan and Walter Bank of the U. S. Bureau of Mines and D. B. Tatlock of the U. S. Geological Survey on March 20, 21, and 27, 1956. The main workings were revisited by Walter Bank on April 30, 1956 to sample an inclined winze where current operations are being conducted. The examiners were accompanied by Messrs. William B. Cline, Ted Johnson, and Oscar Johnson who are the applicant's representatives. The examination included mapping and sampling the main exploratory workings, and discussing the exploration with the representatives.

Mr. Ernest E. Thurlow, Chief, Salt Lake Exploration Branch, Division of Raw Materials, Atomic Energy Commission, furnished a copy of Preliminary Reconnaissance Report, File R-83. In addition, a brief conference was held with Mr. Dudley Davis, Assistant Chief, Salt Lake Exploration Branch, and with Mr. A. J. Rambosek, Chief, Reno Branch Field Office, AEC.

Chemical, radiometric, and spectrographic analyses of samples were made by the U. S. Bureau of Mines.

Mr. Ernest E. Thurlow expressed in a letter dated April 10, 1956, to Mr. S. Ricker, Executive Officer, DMEA Region II, that Government assistance to explore the property was not warranted at this time.

CONCLUSIONS AND RECOMMENDATIONS

Radioactive material, chiefly thorite and huttonite, is concentrated along fractures and disseminated in gouge and bleached granular rock in a north-plunging pipe-like ore body controlled by two intersecting faults in a zone of hydrothermally altered granodiorite. There are no reserves of ore grade. Reserves of less than ore grade total about 210 tons averaging about 0.08 percent U_3O_8 and 0.41 percent ThO_2.

We recommend that the application for Government aid be denied because of the small size and low grade of the one known ore body and the lack of geologic and radiometric indications, either underground or on the surface, from which to infer the existence of larger and higher grade ore bodies.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The Holiday and Falcon claims are in secs. 3 and 10, T. 8 N., R. 33 E., MDB&M, Mineral County, Nevada. The prospect is in the Fitting mining district on the southeast slope of the Gillis range. The portal of the main adit is at an altitude of about 4,850 feet.

To reach the property from Hawthorne, Nevada, travel 18.4 miles easterly on U. S. Highway 95, turn left (northerly) on a graded dirt road 3.4 miles to a cabin near the adit. The total distance from Hawthorne is 21.8 miles (fig. 1). The last half mile of road is steep but can be traveleled with a standard automobile.

Hawthorne, Nevada is the nearest source of labor, supplies, and equipment. There is no water available on the property but water for mine use could be obtained at Kincaid Siding or Acme Tank a few miles southwest of the claims. A

California Electric power transmission line is within four miles of the adit but power for compressed air requirements is obtained from a portable unit.

Wage scale for miners:	$2.00/hr.
Timber costs:	$60 - $130/M
Explosives:	$24.80/Cwt.
Mine rail:	$100 - $130/T.
Rail siding:	Luning - 14 miles
Truck haulage cost:	$0.07/ton mile
Nearest ore purchaser:	Salt Lake City, Utah

HISTORY AND PRODUCTION

The property is owned by the applicant. Claims located or held by Mr. Ted Johnson were assigned to the corporation. The group includes about forty unpatented claims which cover the mineralized outcrop and extend far out into the adjoining valley. Location certificates are recorded at Hawthorne, Mineral County, Nevada, on Falcon No. 1 to No. 26, inclusive; Falcon; Holiday Lode; and Holiday No. 1 to No. 9, inclusive, in book 17, pages 337 to 540; and in book 18, pages 3 to 446.

The main exploratory workings are on the Holiday No. 2 and No. 3 claims. A property sketch map included with the application presents a general picture but it is not accurate.

The applicants and employees have little experience in uranium mining and exploration work. The corporation plans to provide its share of the requested loan with money and by depreciation on use of equipment.

DEVELOPMENT

The deposit has been explored by a few shallow surface exploration pits and by a 95-foot crosscut adit. A 25-foot drift was extended northwesterly from the crosscut, and a 25-foot inclined winze was sunk northwesterly from this main crosscut. No other workings are on the property other than shallow location pits excavated by bulldozers in the alluvial fan below the main workings.

The corporation has expended about $20,000 on prospecting, location work, development work, and on equipment or supply purchases.

Surface facilities include the following:

1 office-tool shed, 12 ft. by 16 ft. - fair condition
380 ft. mine track, 12 to 16 lb/yd. - good condition
2 mine cars, 16 cubic feet capacity - fair condition
1 air compressor, 105 c.f.m., portable, rental purchase
1 jackhammer, light weight and drill steel - good condition
1 stoper and drill steel - good condition
1 jackleg, drill and drill steel - good condition
1 Jeep, new, owned by Mr. William B. Cline
1 truck, 1/2-ton, used, owned by Mr. Ted Johnson
2 Geiger counters - fair condition
2 Scintillators - fair condition
2 Ultraviolet lights - fair condition.

GENERAL GEOLOGY

The Holiday mine is at the southeast end of the Gillis range in the Basin-Range province. The Middle Triassic Excelsior formation, chiefly greenstone with lenses of clastic and limy sediments, has been thrust eastward over crystalline limestone and slate of the Upper Triassic Luning formation. Sandstone and conglomerate of the Lower Jurassic Dunlap formation unconformably overlie both the Excelsior and Luning formations. The thrust, called the Gillis thrust, is the major structural feature of the range; it strikes northwest and dips gently southwest. Diorite and granodiorite were intruded along the plane of the Gillis thrust after deposition of the Dunlap formation.

Granodiorite is the only rock exposed in the immediate vicinity of the mine. Flow banding strikes about N 20° E and dips 60° northwest in the northwestern part of the mine area, but in and above the underground workings the banding strikes northwesterly parallel to a highly fractured and faulted zone. The zone of fracturing and alteration extends intermittently for about 200 feet northwest of, and 1,000 feet southeast of, the mine workings and ranges from 20 to 50 feet in width.

Much of the granodiorite in the faulted zone has been hydrothermally altered. In general the alteration is gradational into the normal granodiorite. Where alteration has been most intense, as along the margins of gouge zones, the rock is almost white and has the granular texture of aplite. It is composed chiefly of quartz, sodic plagioclase, and clay minerals. In a few places along the altered zone small pods have a pegmatitic texture. Numerous small aplite dikes occur in the surrounding area. Gouge zones in the altered rock range from 2 to 10 inches in thickness and are composed of pulverulent quartz, opal, and clay minerals. A white, soft, rubbery material, probably consisting of clay minerals, and streaked with reddish-orange iron stain, occurs in thin bands as much as one inch thick along the margins of some of the gouge zones. Some dendritic pyrolusite, ferrous oxide, and calcite occur along fracture planes.

In contact with the granodiorite a few hundred feet north of the mine are highly folded hornfels, greenstone, metatuff, and quartzite of the Luning and Dunlap formations. Recent alluvial deposits border the granodiorite to the south.

ORE DEPOSITS

Radioactive material, chiefly thorite and huttonite, is concentrated along fracture planes and disseminated in gouge and bleached granular rock in the zone of fractured, faulted, and hydrothermally altered granodiorite. Traces of uranophane and autunite are present locally but not in sufficient quantities to account for the radioactivity.

The most highly radioactive material occurs along the intersection of two gouge-filled fractures, each about 1/4 inch wide, at the northeast end of the main adit level (fig. 2). One fracture strikes about N 50° E and dips 50° northwest; the other strikes about N 35° W and dips 45° northeast. The intersection plunges about 30° north-northwest. Radioactive material consisting of reddish-brown to pale greenish-yellow thorite and clear to pale cream huttonite is disseminated irregularly from 1 to 2 feet into the surrounding bleached, granular, aplite-like rock. No uranium minerals were seen along the intersection; the uranium present is probably in the thorite (uranothorite). The ore body is pipe-like in shape; it ranges from 1 to 4 feet in diameter and plunges about 30° north-northwest for 25 feet along the intersection to the end of the workings. The best material in the intersection averaged 0.27 percent U_3O_8 equivalent and 0.08 percent U_3O_8 chemically.

SAMPLING

Fifteen samples were collected by the examiners. Locations are indicated on the attached geologic map (fig. 2).

Areas where radioactivity was reported were checked with a Geiger counter. The sample analyses represent the grade of the most radioactive exposures on the property.

Sample No.	Width, feet	% eU_3O_8	% cU_3O_8	% ThO_2	Remarks
S-433	2.5	Tr.			Granitic rock, No. I surface pit. Horizontal cut.
S-434	6.0	Tr.			Granitic rock, surface pit, horizontal cut.
S-435	2.0	Tr.			Granite, face of adit, vertical cut.
S-436	grab	0.08			Grab from 1/2-ton stockpile.
S-437	2.0	0.08	0.07	0.15	Bottom of winze at 4.5 ft. depth, horizontal cut, east end.
S-438	2.0	Tr.			Bottom of winze at 4.5 ft. depth, horizontal cut, center.
S-439	1.0	0.02			Bottom of winze at 4.5 ft. depth, horizontal cut, west end.
S-440	5.0	Tr.			Face of drift, vertical cut.
S-441	selected	0.22	0.22		Previously sampled by AEC Back of drift.
S-442	1.0	Tr.			From back of drift.

Sample No.	Width, feet	% eU_3O_8	% cU_3O_8	% ThO_2	Remarks
*B-1	grab	0.39	0.07	0.85	Grab from top of 1-ton ore car, ore from winze, 6 ft. depth.
B-3	selected	no assay. Thorite (possibly uranothorite)			Select specimen for mineral identification, from winze, ore car.
B-4	1.2	0.01	0.02	0.01	From back of winze, 7 ft. depth, horizontal cut.
B-5	3.0	0.21	0.10	0.37	From side of winze, 24.5 ft. depth.
B-6	5.0	0.47	0.16	0.70	From side and back of winze, 11 ft. depth.

* A spectrographic analysis of sample B-1 showed that rare earths are absent.

ORE RESERVES

Measured and indicated reserves total about 10 tons and average 0.08 percent U_3O_8 and 0.41 percent ThO_2. These reserves are localized around the periphery of a north-plunging pipe-like body, about 3 feet in diameter and 25 feet in length, at the northeast end of the underground workings. Reserves totaling about 200 tons averaging 0.08 percent U_3O_8 and 0.40 percent ThO_2 are inferred to exist along the altered zone southeast of the mine workings.

PROPOSED EXPLORATION

The applicant proposes to explore the northwest-trending hydrothermally altered zone by 1,000 feet of diamond drilling, 120 feet of drifting on the adit level, a 200-foot winze from the adit level, and 60 feet of drifting from the bottom of the winze. Total cost of the proposed exploration is $66,493.00, of which the Government's share would be $49,869.75.

This program is larger than is warranted by the size and grade of the one ore body exposed. There are no geologic or radiometric indications, either underground or on the surface, from which to infer the existence of larger or higher grade ore bodies along the zone of alteration northwest and southeast of the mine workings.

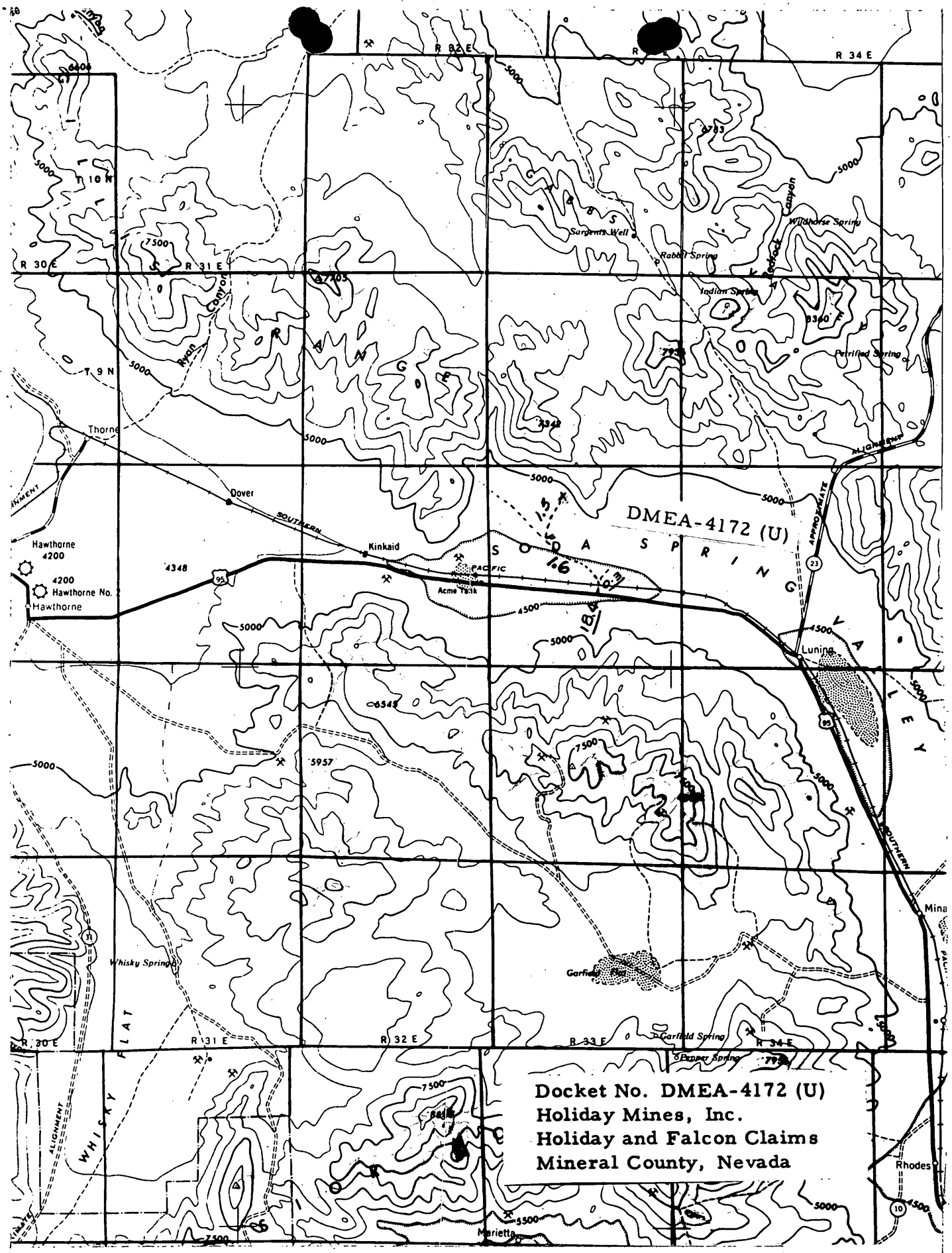

Figure 1 LOCATION MAP NEVADA

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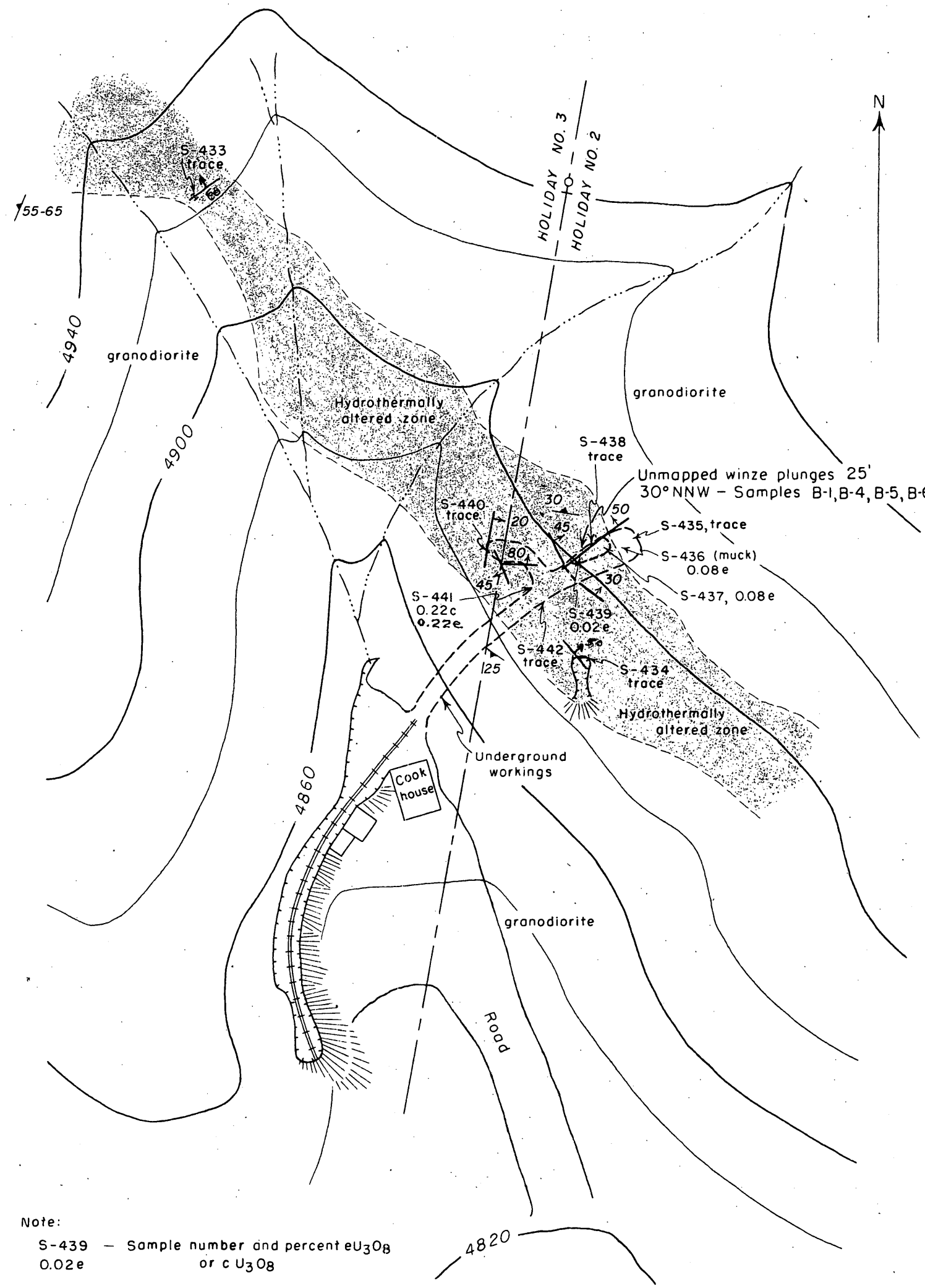


Note:

S-439 – Sample number and percent eU_3O_8
0.02e or c U_3O_8

HOLIDAY MINE, MINERAL COUNTY, NEVADA

0 40 80 120 Feet

Contour interval 20 feet

Figure 2

RECEIVED
JUN 13 1956

5/22/56

Holiday Mines, Inc.

515 FOURTH STREET • ESsex 3-9411
BREMERTON, WASHINGTON

May 18, 1956

Re: Docket DMEA-4172 (Uranium)
Holiday and Falcon claims
Mineral County, Nevada

RECEIVED
MAY 22 1956

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

Dear Mr. Ricker:

Mr. Goldberg, President of Holiday Mines, Inc., has asked me to inform you as to the results of a chemical analysis of pulps recently forwarded to the U.S. Department of the Interior, Bureau of Mines at Salt Lake City, Utah.

Mr. Goldberg authorizes you to inspect their chemical laboratory report No. 1095 under date of May 11, 1956.

The results of the analysis were as follows:

Serial No.		Lot No.	cU_3O_8	eU_3O_8
60337	Pulp	1733	0.243	0.82
60338	Pulp	1734	0.352	1.23

Yours very truly,

HOLIDAY MINES, INC.

By Samuel Berch
Samuel Berch
Secretary-Treasurer

cc U.S. Dept. of the Interior
Defense Minerals Exploration Administration
Washington 25, D.C.

SB:cf

3/19/56 gla

RECEIVED
MAR 19 1956

Holiday Mines, Inc.

515 FOURTH STREET • ESsex 3-9411
BREMERTON, WASHINGTON

March 16, 1956

C. O. Mittendorf, Administrator
United States Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Sir:

Re: Docket No. DMEA-4172 (Uranium)
Holiday and Falcon claims
Mineral County, Nevada

This is in reply to your letter of February 27, 1956.

Holiday Mines, Inc. was incorporated in the State of Washington and is authorized to transact business as a foreign corporation in the State of Nevada.

Holiday Mines, Inc. is the owner of all 38 unpatented claims, of which 20 were listed in the application. The following is a list of all claims owned by the Company as recorded with the Recorder of Mineral County at Hawthorne, Nevada and the volume and page number in which recorded:

	Book	Page
Falcon #7	18	411
Falcon 8	18	411-412
Falcon 9	18	412
Falcon 10	18	412-413
Falcon 11	18	413
Falcon 12	18	414
Falcon 13	18	414-415
Falcon 14	18	414-415
Falcon 15	18	415
Falcon 16	18	415
Falcon 17	18	416
Falcon 18	18	416
Falcon 19	18	417
Falcon 20	18	417
Falcon 21	18	418
Falcon 22	18	418
Falcon 23 Not shown on map	18	418-419
Falcon 24	18	419
Falcon 25	18	419-420
14 claims → Falcon Lode & Falcon #1 to 6 incl.	18	156 to 159
7 claims → Holiday Lode & Holiday 1, 2 & 3	17	337
1 claim → Holiday 1 to 5 incl. & 8 & 9	18	228 to 231, incl.
7 claims → Holiday 6 & 7	18	295
1 claim → Holiday 4 & 5	17	338-339
34 Falcon Lode & Falcon 1 to 6 incl.	17	338
Falcon Lode & " " " " "	17	338

Enclosed find maps of claims.

A copy of this letter is going forward to Mr. Ricker.

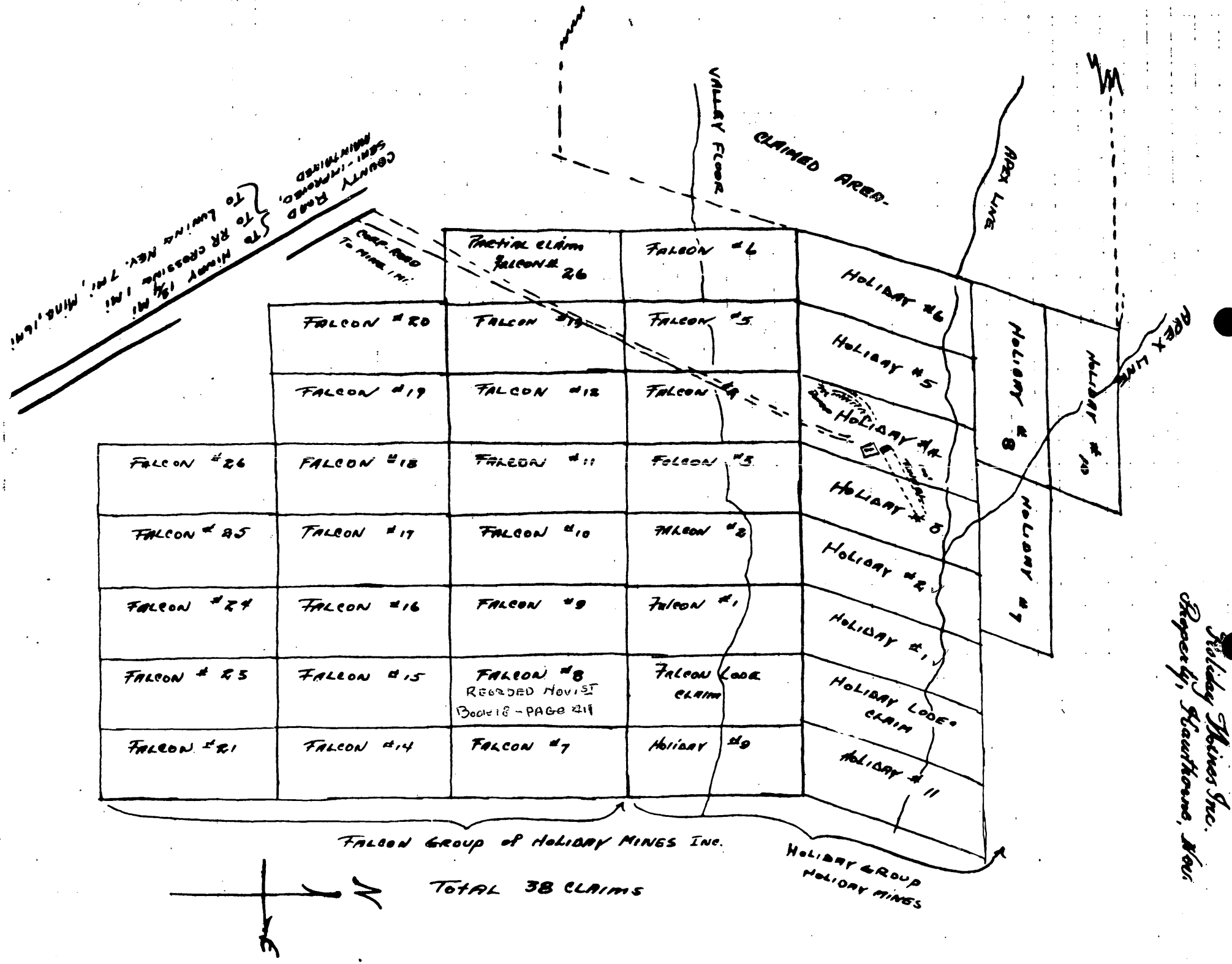
Very truly yours,

HOLIDAY MINES, INC.

By Edward Goldberg

Edward Goldberg, President

EG:e
Encls.
cc/Spangler Ricker


Holiday Mines Inc.
Property, Hawthorne, Nev.
CLAIMED AREA
VALLEY FLOOR
BOX LINE
BOX LINE
COUNTY ROAD
SEMI-IMPROVED,
MAINTAINED
(To Highway 1¾ mi.
To RR crossing 1 mi.
To Luning Nev. 7 mi. Mina 16 mi.)
Cmty. Road
To Mine 1 mi.
Partial claim
Falcon #26
Falcon #6
Falcon #20
Falcon #13
Falcon #5
Falcon #19
Falcon #12
Falcon #4
Falcon #26
Falcon #18
Falcon #11
Falcon #3
Falcon #25
Falcon #17
Falcon #10
Falcon #2
Falcon #24
Falcon #16
Falcon #9
Falcon #1
Falcon #23
Falcon #15
Falcon #8
Recorded Nov. 1st
Book 18 - Page 211
Falcon Lode
claim
Falcon #21
Falcon #14
Falcon #7
Holiday #9
Holiday #6
Holiday #5
Holiday #4
Holiday #3
Holiday #2
Holiday #1
Holiday Lode
claim
Holiday #11
Holiday #8
Holiday #7
Holiday #10
Falcon Group of Holiday Mines Inc.
Holiday Group
Holiday Mines
Total 38 claims
N

RECEIVED
MAR 1 9 1956

Surname copy

700

F. L. Knowse
Elli
Selfridge
Hoffman

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

Mr. Spangler Rieker
Executive Officer
DMEA Field Team, Region II
U. S. Bureau of Mines
Rare and Precious Metals
Experiment Station
1605 Evans Avenue
Reno, Nevada

FEB 27 1956

Re: Docket No. DMEA-4172 (Uranium)
Holliday Mines, Inc.
Holliday and Falcon claims
Mineral County, Nevada

Dear Mr. Rieker:

The captioned application is referred to your office for either a field examination and report on the proposed project or the Field Team's recommendations based on information available to your office. Certain information has been requested from the Applicant. However, you may desire to schedule the examination, based on information available to your office, prior to the receipt of the requested information.

Enclosed are copies of memoranda dated February 16 and 23, 1956, from Mr. N. E. Nelson, USGS, and Mr. John E. Crawford, USBM, respectively, relating to the subject project.

If the Field Team recommends an exploration program as submitted or revised by the Applicant, we will require, in addition to the usual information, the following:

1. Nine copies of a map showing mineralized exposures, sample locations and assay values, and location of recommended work all in relation to the property boundaries;

2. Bids from three contractors if drilling is to be done by an independent contractor; and

3. If the land to be included in the project is not owned by the Applicant, please request Applicant to furnish Consent to Lien forms signed by all the landowners.

Enclosures

Sincerely yours,

George C. Selfridge

APPROVED:

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

Chairman, Operating Committee (GCS)

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

FLKnouse/gla 2-27-56
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224

JCHosted, Rm. 3210, GSA
Code 700
Mr. Knouse

R.C.H.

Surname copy 700

F. Hugoe
Ellis
Stephen
Kulgaard
Selfridge
Johnson

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

Mr. Edward Goldberg, President FEB 27 1956
Holiday Mines, Inc.
515 Fourth Street
Bremerton, Washington

Re: Docket No. DMEA-4172 (Uranium)
Holiday and Falcon claims
Mineral County, Nevada

Dear Mr. Goldberg:

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 the Executive Officer of Region II at the following address:

Mr. Spangler Ricker
Executive Officer
DMEA Field Team, Region II
U. S. Bureau of Mines
Rare and Precious Metals Experiment Station
1605 Evans Avenue
Reno, Nevada

In the meantime, so the processing of your application will not be delayed, please clarify and furnish the following:

1. The Applicant's name is listed in the application as the Holiday Mines, Inc. Please advise the name of the State in which it was incorporated or organized.

2. It is not clear in the application if the Applicant (Holiday Mines, Inc.) is the owner of the 20 unpatented claims listed in the application. If the Applicant is not the sole owner of these claims, we will require evidence that they are controlled by the corporation, by furnishing us a copy of a lease, option to purchase, assignment, or other instrument.

3. The map submitted with the application shows the location of the Holiday lode and Holiday Nos. 1 through 10 claims and also indicates the general location of 27 Falcon claims. The application lists the following claims: Holiday Nos. 1, 1, 2, 3, 4, 5, 5, 6, 6, 7, 7, 8, 8, and 9, Falcon Nos. 1, 6, 7, 7, 25, and 26, and the book and page number of the recordings. Since there are many duplications in the claim names, please

Rock

determine and advise if the names and recording data are the same as is officially recorded. In this connection, we will also require a map or sketch drawn to scale which shows the locations of all the claims (names as they are recorded) and the location of the adit crosscut shown on the map submitted with your application.

Please send one copy of the above information to Mr. Spangler Ricker at the address shown above. Three copies of this information and one copy of a lease or other agreement, if needed to clarify the question raised concerning your interest in the claims, should be forwarded to this office.

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

Your request to return the exhibits submitted with your application will be complied with when final action has been taken on your application.

Sincerely yours,

S. O. Mittenhorf

Administrator

FLKnouse/gla
2-27-56
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
Code 700
Mr. Knouse
DMEA Field Team, Region II (2)

2-24-56

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

RECEIVED
FEB 24 1956

February 23, 1956

Memorandum

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

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

Subject: Application for assistance, DMEA Docket 4172, Holiday Mines, Inc., Holiday Group, Mineral County, Nevada

I have reviewed the attached application of Holiday Mines, Inc., DMEA Docket 4172, dated February 6 and received in this office February 14. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

Information contained in the applicant's request for assistance indicates that he is desirous of exploring claims in Mineral County, Nevada, by (1) diamond drilling, and (2) drifting in a radioactive zone in a granite intrusive. Radiometric surveys have been made on the claims and they show that anomalies exist thereon. Test pits have been dug and a 75-foot adit intersects the mineralized zone at depth. Radiometric analyses of the sample material show that the uranium content of the material is above ore grade in some places.

The proposed project would consist of core drilling of all claims, and the enlargement of present underground workings. Core-drilling costs have been estimated at $10 per foot for 1,000 feet. Bulldozing costs have been estimated at $10 per hour for a total of 80 hours.

We recommend that the application be referred to the Field Team for review and possible examination of subject property. It is also suggested that the Field Team be instructed to consult with E. E. Thurlow, Atomic Energy Commission, Salt Lake City, Utah.

John E. Crawford

Attachment

2/17/56 gla

IN REPLY REFER TO:

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

RECEIVED
FEB 17 1956

February 16, 1956

Re: DMEA 4172
Holiday Mines, Inc.
Holiday Group
Mineral Co., Nevada
$66,493.00 - 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 by diamond drilling, sinking, and drifting a radioactive zone in granite, 1 to 3 feet wide and, as inferred, 1,000 feet long.

The claims have been submitted to radiometric surveys, test pitting, and a 75- foot adit intersects the vein 69 feet below the outcrop. A sketch map indicates an arcuate radioactive structure (vein) was cut near the face of the crosscut. Thirteen channel samples were cut (by whom is not known) apparently with rather than across the strike. Radiometric assays made by the U. S. Atomic Energy Commission at Reno show:--

Field No.	Length feet	% eU_3O_8
1	2.5	Tr.
2	2.0	Tr.
3	2.25	0.09
4	2.25	0.03
5	4.00	Tr.
6	3.00	Tr.
7	2.25	Tr.
8	2.25	0.05
9	1.75	Tr.
10	1.50	Tr.
11	1.75	0.16
12	1.50	0.01
13	1.50	Tr.

A number of other assay and spectrographic analysis certificates are a part of the docket as:--

Identifying mark	% eU_3O_8	% cU_3O_8	% Thorium
W. L. Johnson 6/16/55	0.80	0.164	--
Ed Goldberg 7/13/55	--	0.2150	--
" " "	--	0.1995	--
" " 8/26/55	--	0.34 (calculated)	--
" " "	--	0.18 (")	--
" " "	--	0.14 (")	--
E. E. Thurlow 9/8/55)	0.13	--	--
E. E. Thurlow (Goldberg)) 9/21/55)	0.13	0.06	
E. E. Thurlow 10/20/55	0.05	Tr.	
E. E. Thurlow 10/20/55	0.07	--	
E. E. Thurlow 10/20/55	0.32	0.096	
Holiday mine 11/9/55	--	0.005	0.41
Holiday mine (Cline) 12/22/55	--	0.075	Tr.

The number of samples processed suggests an effort was made to determine the grade of the material, but except for those taken in the crosscut no widths (or lengths) are given, and the worth of the samples is questionable.

The work proposed consists of:--

Bulldozing, 80 hours	$ 800.00
Core drilling, 1,000 feet	10,000.00
Supervision	12,600.00
Labor	11,600.00
Mine equipment and supplies	4,146.00
~~Operating equipment~~	~~16,552.00~~
Operating equipment (mine car cost probably not correct)	16,552.00
Buildings	500.00
Miscellaneous Assays, accounting insurance, etc.	7,795.00
Contingencies	2,500.00
Total	$66,493.00

The information furnished does not support an application for such an amount, and no work, not even an examination, may be warranted.

Referral to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

February 14, 1956
Subject: DMEA-4172
Re: Exploration Assistance
Holiday Mines

Holiday Mines, Inc.
515 - 4th Street
Bremerton, Washington

Gentlemen:

The receipt of your application dated February 6, 1956, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4172 and referred to the Rare & Misc. Metals Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

February 14, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region II

From: Chief, Operation's Control and Statistics Division

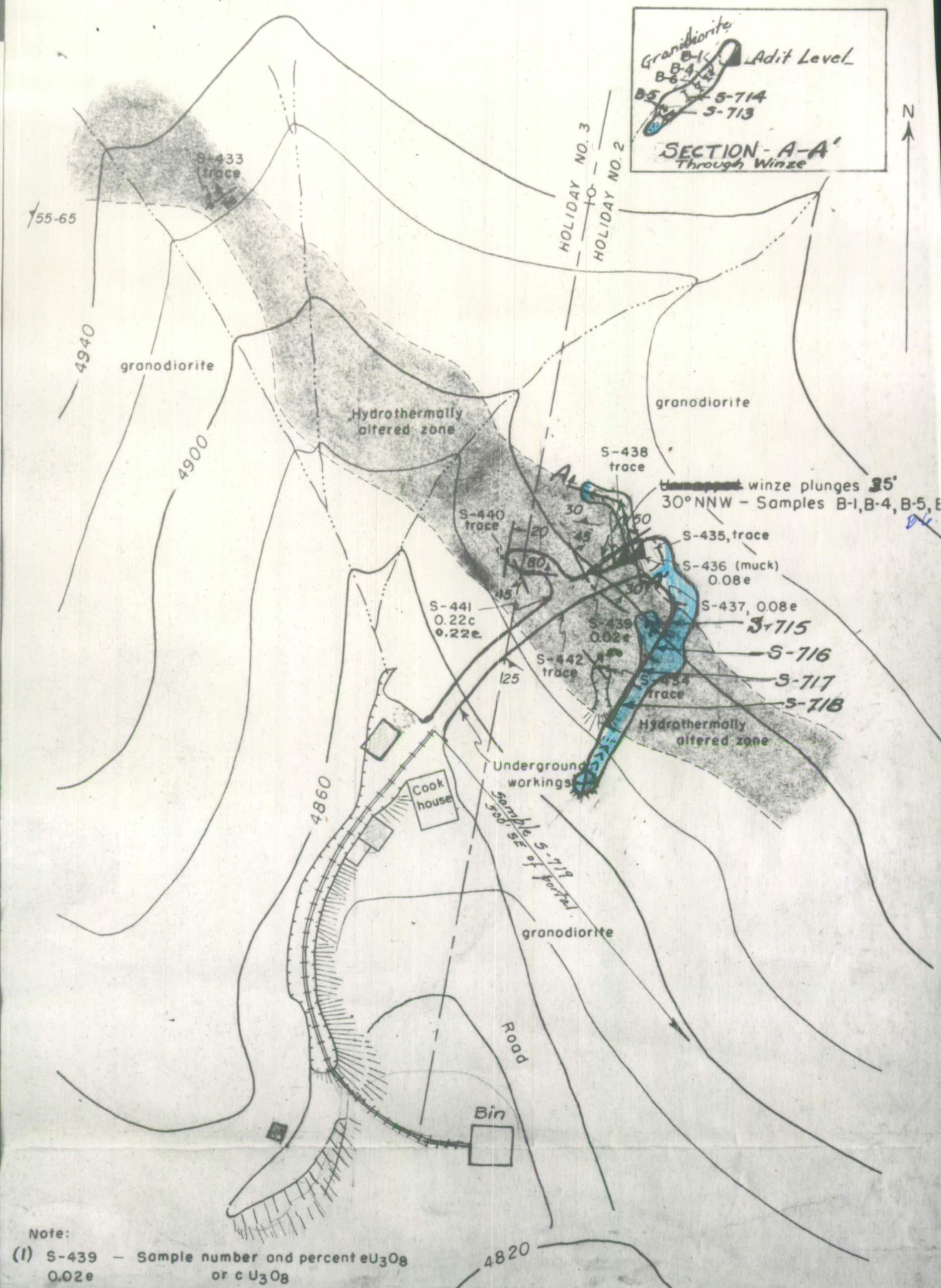
Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region II.

DMEA - 4172 Holiday Mines, Inc.

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

DMEA 4172
Uranium-Thorium
DMEA 4
(URANIU



Note:

(1) S-439 0.02e — Sample number and percent eU_3O_8 or cU_3O_8

(2) New Workings indicated March 11, 1958

HOLIDAY MINE, MINERAL COUNTY, NEVADA

0 40 80 120 Feet

Contour interval 20 feet

Figure 2a

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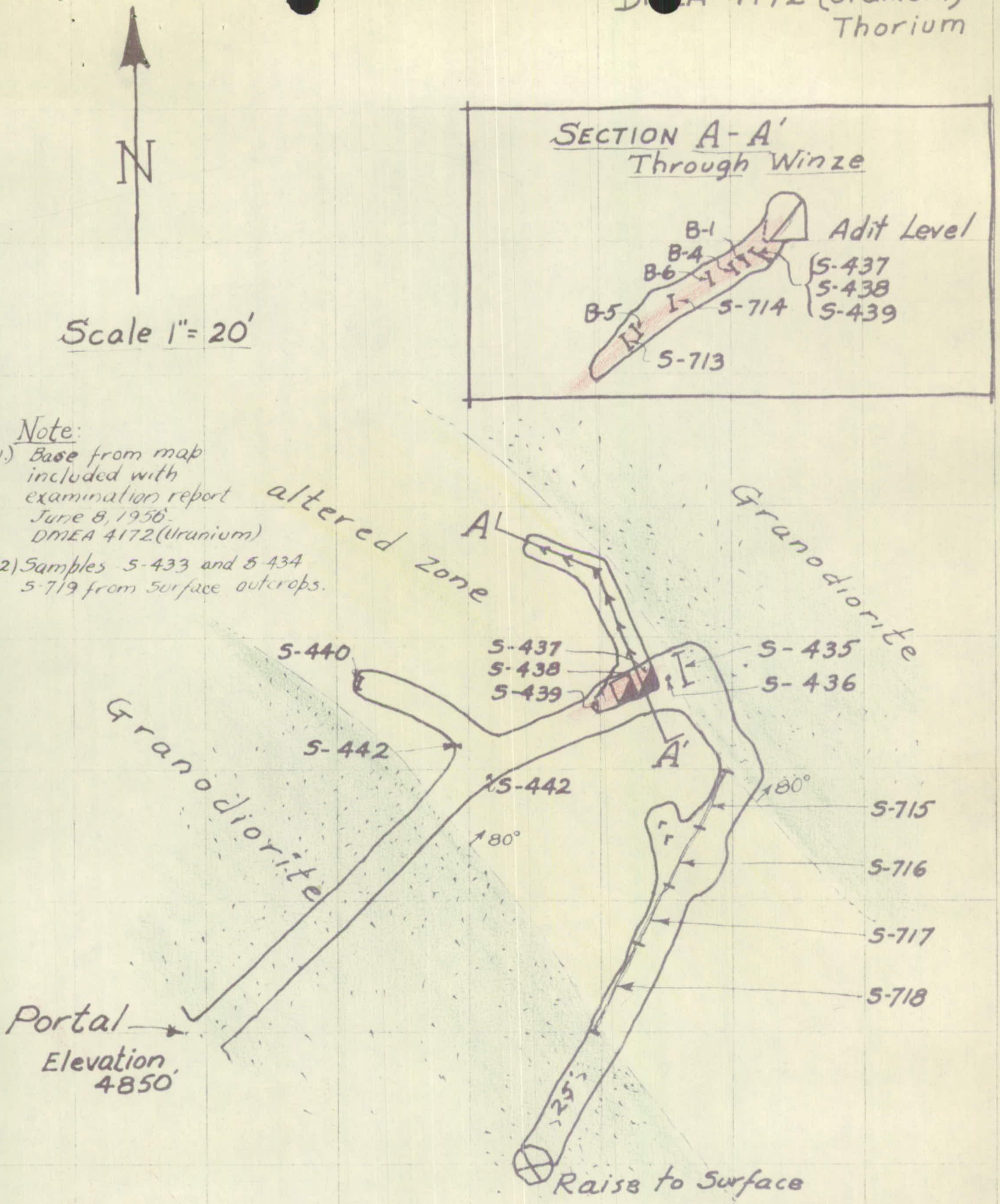
DMEA 4172 (Uranium)
Thorium



Holiday Mines, Mineral County, Nevada
Sketch Map Showing Workings 3/11/58 B.H. Sheahan
Figure 1

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RECEIVED MAY 16 1958
DATE | | CODE

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3. Write clearly.

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~~Mrs Dennis~~	RUN / STOP	~~G. Campbell Rm 4223 GSA Bldg~~	RUN / STOP
Mrs Dennison Room 4235 GSA Bldg	RUN / STOP	~~Mrs. Harris Rm 4244 GSA~~	RUN / STOP
~~Irvin Allen Room 4215~~	RUN / STOP	Mary Byrne Judge P.	RUN / STOP
[illegible]	RUN / STOP	~~Mrs. Poindexter 5219 gsa~~	RUN / STOP
~~Mrs Poms National Museum~~	RUN / STOP	~~[illegible] Rm 3216 gsa~~	RUN / STOP
~~Mr Lemmon Rm 4231 GSA~~	RUN / STOP	~~MR. COLLETTE ROOM 5217 G.S.A. BLDG~~	RUN / STOP
~~[illegible] Report U.S.G.S. Laboratories~~	RUN / STOP	Ethel Tuscuyama Rm 5354 gsa	RUN / STOP
~~Bonjour Rm 30 U.S. Bldg~~	RUN / STOP	~~Ted Stanida~~	RUN / STOP
~~[illegible]~~	RUN / STOP	~~MR. ROBERTS Rm. 4241 GSA~~	RUN / STOP

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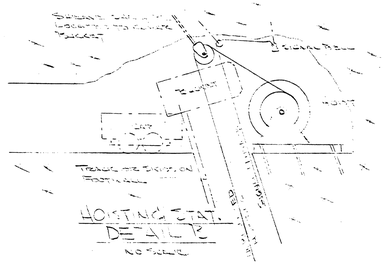
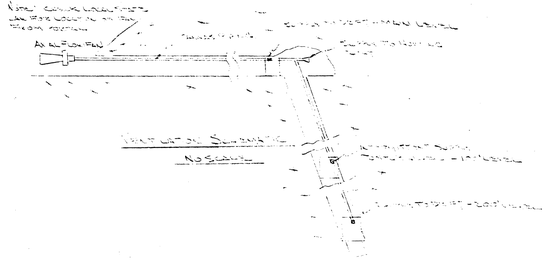
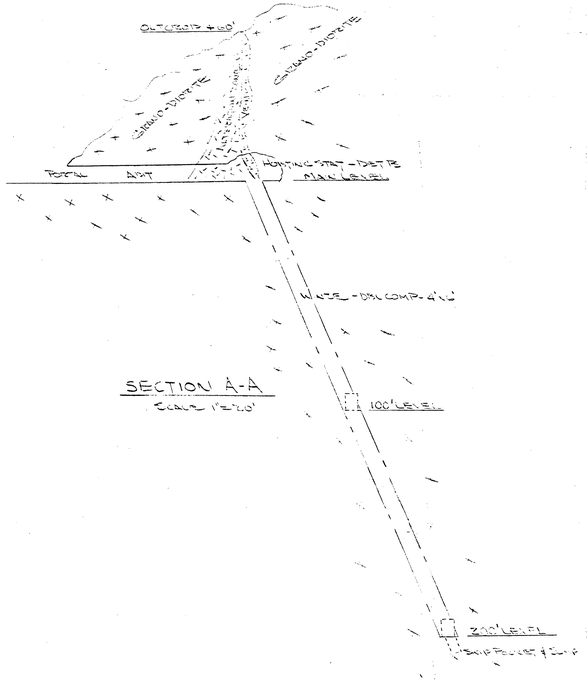
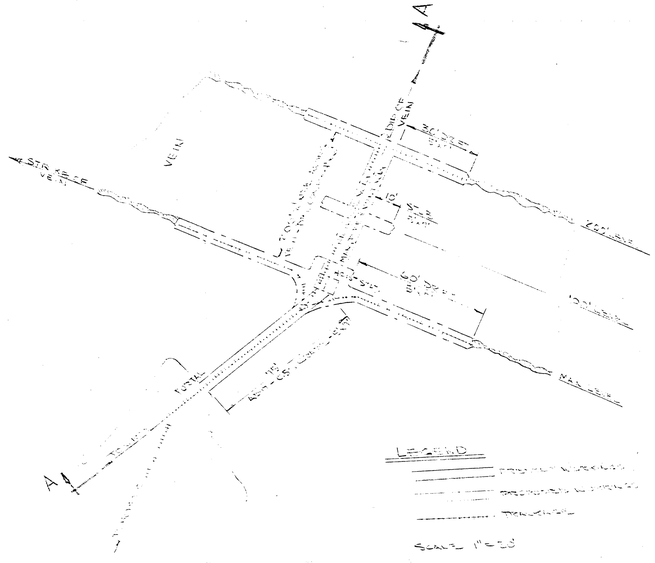


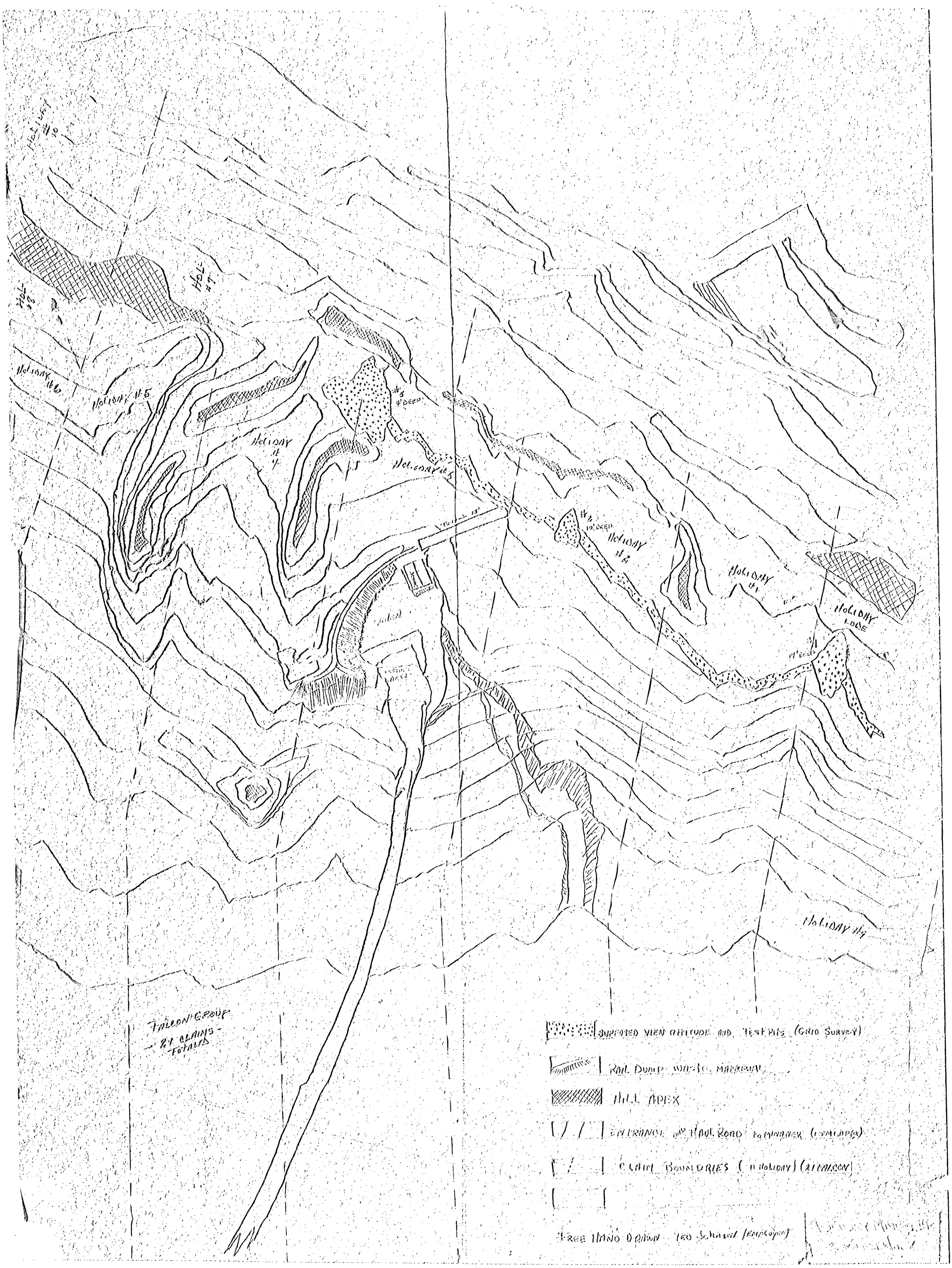






HOLIDAY MINES, INC.

BENTON	HOLIDAY - #2
WILLIAMS	PROPOSED
AZ	EXPLORATION
	SAFFICO - N.D. 1


HOLIDAY #10
HOLE #9
HOLE #7
HOLIDAY #6
HOLIDAY #5
HOLIDAY #4
#3 4' DEEP
HOLIDAY #3
#2 10' DEEP
HOLIDAY #2
HOLIDAY #1
HOLIDAY LODE
HOLIDAY #9
FALCON GROUP
21 CLAIMS
TOTALED
SUPPOSED VEIN ATTITUDE AND TEST PITS (GRID SURVEY)
RAIL DUMP WASTE MATERIAL
HILL APEX
ENTRANCE AND HAUL ROAD TO MINE (1 SMELTER)
CLAIM BOUNDRIES (11 HOLIDAY) (21 FALCON)
FREE HAND DRAWN TED Johnson (EMPLOYEE)