FILE COPY
SURNAME:

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

S.P.

Mr. Fred D. Smith
P. O. Box 862
Las Vegas, Nevada

Subject: Docket DMA-1626X
Uranium

Dear Mr. Smith:

This will acknowledge your letter dated January 21, 1952, requesting return of your personal papers, maps, etc., submitted with your application for exploration assistance, docket DMA-1626X.

Complying with your request, we are forwarding the papers you wish returned.

Sincerely yours,

1-29-52

Robert E. Adams
Acting Administrative Officer
Defense Minerals Exploration
Administration

Enclosures

REAdams:mp
1/28/52
CC: Adm. Reading File
Mails and Files

BL

P. O. Box 862
Las Vegas, Nevada
January 21, 1952

Acting Administrator
Defense Minerals Exploration
Administration
Washington 25, D.C.

Re: Green Monster Group
Clark County, Nevada
Uranium - DMA docket 1626X

Gentlemen:

Since you have closed my docket, please return my personal papers, maps, etc. as I need them.

Yours truly,

Fred D. Smith

Fred D. Smith

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 24 1952

FILE COPY
SURNAME:

Gordon
Mittendorf

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

NOV 30 1951

Mr. Fred D. Smith
P.O. Box 862
Las Vegas, Nevada

Re: Green Monster Group
Clark County, Nevada
Uranium - DMA docket 1626X

Dear Mr. Smith:

Under date of September 5, 1951, DMA requested of you certain data necessary for processing your application for an exploration project.

Since no reply has been received, we assume that you are no longer interested in the project. Unless you advise us to the contrary within thirty (30) days, we shall accordingly close your docket.

Sincerely yours,

C. O. Mittendorf
11/30

ACTING Administrator
Defense Minerals Exploration
Administration

ERGordon:lm
11/27/51

cc: Admn. Reading File
Reports and Records
Mr. Keiser, USGS
Mr. Hosted, AEC
Field Team Reg. III
Docket

BL

Weston Bourret, Chief, Minerals Branch

FILE COPY
SURNAME

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

DEFENSE MINERALS ADMINISTRATION
D-2013 - Salaries & Expenses
Defense Production Activities
Department of the Interior
1952

Gordon
Bourret

STRAIGHT

WASHINGTON, D. C. SEPTEMBER 10, 1951

MR. FRED D. SMITH
P. O. ~~Box 362~~
LAS VEGAS, NEVADA

ADDITIONAL PLEASE SEE OUR LETTER SEPTEMBER 5 TO YOU.

WESTON BOURRET, CHIEF
MINERALS BRANCH

Weston Bourret

CC: CONFIRMATION

EGordon/ch 9-10-51
cc: Adm. Reading File
Lyon
Bourret
Field Team - III
DMA docket file
Keiser-Hosted - USGS

not stripped in R.R.

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

Source

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.

SEP 10 8 09 AM '51

WESTERN UNION

W. H. MARSHALL, PRESIDENT

1201

(02)..

SYMBOLS
DL=Day Letter
NL=Night Letter
LT=Int'l Letter Telegram
VLT=Int'l Victory Ltr.

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

.OA099

O.LGA103 PD=LASVEGAS NEV 8 852A=

SEP 8 PM 12

TOM LYON, DIRECTOR SUPPLY DIVN=

DEFENSE MINERALS ADMN WASHDC=

PLEASE FURNISH PROGRESS REPORT ON DMA DOCKET 1626 URANIUM=

FRED D SMITH=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

SEP 10 7 49 AM 51
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D.C.

1951 SEP 8 PM 12 14
DLY

330

FILE COPY
SURNAME:

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

Q. E. C. Bourret
Gordon

SEP 5 1951

1951

Mr. Fred D. Smith
P. O. Box 762
Las Vegas, Nevada

Re: Green Monster Group
Clark County, Nevada
Uranium, DMA Docket 1626X

Dear Mr. Smith:

Subsequent to examination of your property it has been recommended that exploration be limited at this time to a thirty foot crosscut and a sixty foot raise, and we understand that you are in agreement with this program, to be effected by contracting the work. Estimated costs for crosscutting are $30.00 per foot and for raising, $35.00 per foot, including sampling, assaying and supervision.

To expedite handling this matter, we request that you send us promptly four copies of your lease, a copy of contractor's agreement to perform the work, and also complete and return to us the enclosed six copies of landlord's subordination agreement LP-212. We would appreciate your also sending us a brief description of the equipment to be used on the job.

Yours very truly,

BJ 9/5

Weston Bourret

Weston Bourret, Chief
Minor and Rare Metals Branch

Enclosures
EGordon/ch 9-3-51
cc: Adm. Reading Files
Reports and Records
Lyon
Bourret
Keiser - USGS
Hosted - AEC
Field Team III
DMA docket files

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Mr. Weston Barnet

DATE: 8/24/51

FROM : JP Hosteed

SUBJECT: DMA-1626 X

Tague with the field team regarding recommendations for exploration.

J. N. Houser

UNITED STATES
DEPARTMENT OF THE INTERIOR

~~BUREAU OF MINES~~
~~REGION III~~

DEFENSE MINERALS ADMINISTRATION

OFFICE OF
~~REGIONAL DIRECTOR~~
Executive Officer
DMA Field Team
Region III

1012 Flood Bldg.
870 Market St.
~~MISSION BANK BLDG.,~~
~~660 SANSOME STREET,~~
SAN FRANCISCO 1~~X~~, CALIF.
2

August 17, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee
DMA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: DMA-1626X--Uranium, Fred D. Smith, P.O.Box 862, Las Vegas, Nev.

Reference is to your subject undated "Review of Application for Exploration Assistance" received in this office on June 27.

Attached are four copies of a report, "DMA-1626X, Green Monster Group of Claims, Clark County, Nevada (Uranium)," by George W. Walker and Robert F. Johnson, Geologists, U. S. Geological Survey, dated August 14, 1951.

The geologists recommend that the applicant's request for $20,000 for exploring his property by diamond drilling and underground development be turned down because only a few tons of ore are exposed in the present workings and the ore zone is not suited to exploration by drilling. An alternate plan of exploration of two blocks of ground by a short crosscut and a raise at a cost of about $2300 is considered by the examining geologists as justified.

The docket is being returned herewith.

H. C. Miller
Executive Officer, DMA Field Team
Region III

Attachments

Copy to: E. H. Bailey, U.S.G.S.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 21 1951

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-1626x, Green Monster Group of Claims

Clark County, Nevada

(Uranium)

George W. Walker, Geologist
Robert F. Johnson, Geologist
U. S. Geological Survey

August 14, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 21 1951

DMA-1626x, Green Monster Group of Claims
Clark County, Nevada

(Uranium)

Summary

Mr. Fred D. Smith of Las Vegas, Nevada, has made application under DMA docket 1626x for a $20,000 loan (90 percent Government participation) to explore and develop a uranium-bearing breccia zone on the Green Monster group of claims, Yellow Pine Mining District, Clark County, Nevada.

The breccia zone occurs along the contact between the Bullion dolomite and the Arrowhead limestone. Extensive underground workings have explored and developed 3 lead-bearing ore shoots in the breccia zone to a depth of 380 feet. Appreciable uranium mineralization is largely confined, however, to the upper 100 feet of the one ore shoot that extends to the surface. Here, kasolite or dumontite, or both, occur as disseminated crystals or accumulations of crystals in an incoherent and porous oxidized zone. They also form a thin coating on fractures in the Bullion dolomite immediately beneath the oxidized zone. Assays of samples collected in the upper workings of the Green Monster mine ranged from 0.004 to 9.27 percent uranium. It is not possible to make accurate estimates of tonnage or grade of ore, because the distribution of the uranium minerals is highly erratic and the dimensions of the oxidized zone in which the minerals occur are not definitely known.

Exploration and development as proposed in docket 1626x is not recommended. Limited exploration on 2 blocks of ground, at a total cost of approximately $2,300, is considered justified. One block of ground to be explored by an inclined raise, is located above the 100-level and immediately east of the margin of a stoped out ore shoot. The other block of ground lies in the footwall beneath the dolomite breccia.

Introduction

DMA docket 1626x, Green Monster group of claims, Clark County, Nevada, proposes exploration by diamond drilling and underground development of a brecciated zone on the contact between Carboniferous limestone and dolomite, that, locally, contains secondary uranium minerals in association with hydrated iron oxides and supergene lead, zinc, and copper minerals.

In response to a request from the Chairman of the Coordinating Committee of DMA to Mr. H. C. Miller, Executive Officer, Field Team, Region III, a field examination of the property was made by George W. Walker and Robert F. Johnson of the U. S. Geological Survey on July 27, 1951. They were accompanied during a part of the examination by the applicant, Mr. Fred D. Smith, lessee of the Green Monster group.

In 1944, Mr. Arnold L. Brokaw and Arthur A. Richards of the Federal Survey made a detailed geologic map of the mine workings (scale 1" = 25') and a geologic-topographic map (scale 1" = 50') of the mine area. An unpublished report of their work is on file in the Survey offices in Washington, D. C. Subsequent examinations of the Green Monster group were made in September 1950, by M. H. Staatz and D. H. Johnson of the Geological Survey, and by Charles C. Towle and Irwin Rapaport of the U. S. Atomic Energy Commission. Examinations by these men were limited to the upper workings of the Green Monster mine, i.e. the 100-level (of Brokaw) and above. Thirteen samples collected by them ranged from 0.004 percent to 9.27 percent uranium. The highest-grade samples were collected immediately below the ground surface and all samples collected on the 100-level were well below 0.10 percent uranium. A Trace Elements Memorandum Report has been written by Staatz and Johnson, and some data from it has been used in this report.

The present DMA examination, because of the investigations and detailed sampling by Towle, Rapaport, Staatz, and Johnson, has been directed toward an evaluation of the workings below the 100-level. In addition, an appraisal based largely on the results of the earlier investigations has been made of the proposed exploration above the 100-level.

Location and Accessibility

The Green Monster group, in the Yellow Pine Mining District, Clark County, Nevada, is in sec. 1 and 2, T. 24 S., R. 56 E., Mt. Diablo base and meridian on the western flank of the Spring Mountains (see fig. 1). Location of the property is shown on the Ivanpah quadrangle topographic map (scale 1:250,000). To reach the property from Jean, Nevada, which is 29 miles southwest of Las Vegas on U. S. Highway No. 91, drive 7.5 miles northwest on State Highway No. 53 to Goodsprings, Nevada. Turn right on dirt road; at 9.5 miles turn right at road junction; at 4.4 miles, 0.1 mile from Sandy Mill, turn right onto narrow, graded dirt road; follow dirt road 7.1 miles to the Green Monster mine. The nearest railroad shipping point is at Jean, 28.5 miles from the mine.

Ownership and Description of Workings

The Green Monster group consists of 4 patented claims—the Green Monster, Ida, Monarch, and Hillside No. 2—and the Green Monster mill site, covering a total area of 84.48 acres. The claims and mill site are under lease from the Sunical Land Development Company of San Francisco to Mr. Fred D. Smith, P. O. Box 862, Las Vegas, Nevada.

The mine workings explore a steeply dipping, mineralized breccia zone to a depth of 380 feet. Development consists of over 2,300 feet of drifts and crosscuts in three main levels, extensive steep stopes on 3 separate ore shoots and a number of shafts, winzes and raises. The 100-level on Brokaw's map is accessible by an inclined shaft about 40 feet deep, and by an inclined stope which extends downward from the surface to the 200-level. The 200- and 300-levels (of Brokaw) are accessible from the main shaft, which is approximately 245 feet deep, and by an inclined stope.

The property was worked for its lead content during the early 1900's. Lead mineralization was found mainly in 3 ore shoots, only one of which extended to the surface. These ore shoots above the 300-level are largely mined out.

Geology and Ore Deposits

Rocks exposed in the vicinity of the Green Monster mine are bedded dolomite, limestone, and quartzite, which strike northwest and dip 60° southwest. They have been mapped by Hewett/ and by Brokaw as members

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/ Hewett, D. F., Geology and ore deposits of the Goodsprings quadrangle, Nevada: U. S. Geol. Survey Prof. Paper 162, p. 17, 1931; and, Geology and mineral resources of the Ivanpah quadrangle, Nevada and California: U. S. Geol. Survey, manuscript in process.

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of the Monte Cristo formation of Carboniferous age. The Bullion dolomite is the oldest member exposed in the mine area and overlying it conformably is the Arrowhead limestone. The Bullion dolomite is brecciated for a distance of 10 to 15 feet below the contact due probably to movement between the beds during folding.

The mineralized areas are confined to the northwest-trending contact zone between the Bullion dolomite and the Arrowhead limestone in which most of the lead ore occurred as a replacement of the dolomite breccia. Brokaw's description of the localization of the lead ore indicates that the ore bodies are localized where bedding shears and converging thrust faults intersect high angle mineralized faults. The line of intersection of the bedding shears and the less steeply inclined thrust faults generally plunges to the southeast at an angle approximately the same as the plunge of the major ore shoots. He believes this to be the controlling factor for the plunge of the ore bodies.

It is not known whether the uranium-bearing materials were introduced through the same channels as the lead-bearing solutions. All the radioactive areas that were noted with Geiger counters, however, are confined to the lead-bearing ore shoots. This does not preclude the possibility that the uranium-bearing solutions were introduced through nearly vertical fissures lying in the footwall directly beneath the upper stope (see fig. 2) and distributed in the permeable ore shoots by downward percolating groundwater. If such fissures exist, they are not exposed in the upper stope nor have they been exposed in lower workings that are in the footwall.

Detailed examination of the ore deposits with special reference to the uranium minerals indicates that the highest grade material is at or near the surface, immediately beneath the discovery pit where ore shoot "A" extends to the surface. Here the mineralogy is typically supergene: either kasolite ($PbO.UO_3.SiO_2.H_2O$)_/, dumontite ($PbO.3UO_3.P_2O_5.5H_2O$)_/

_/ (kasolite) Ident. by the U. S. Geol. Survey Trace Elements laboratory, Washington, D. C.

_/ (dumontite) Ident. by U. S. Bureau of Mines laboratory, Boulder City, Nevada.

---

or both are found in an incoherent and porous, tabular zone consisting largely of oxidized minerals. The zone is roughly parallel to the limestone-dolomite contact. It ranges from 1 foot to 12 feet in width and has been explored laterally for about 60 feet. Surface exposures indicate that the zone is not more than 100 feet long parallel to the contact. In the footwall below the oxidized zone for a distance of 2 or 3 feet, kasolite, dumontite or both also occur as thin coatings on fractures in the Bullion dolomite. The grade of the uranium-bearing ore near the surface varies noticeably from place to place. Small areas containing less than 100 pounds of limonite, cerussite, and other oxidized materials are rich in uranium minerals, whereas the rock immediately adjacent is virtually barren. In the upper stope at the same elevation as the open cut (see fig. 2), 4 samples collected by Towle and Rapaport

contained 9.27, 7.57, 0.20, and 0.033 percent uranium. Samples of radioactive material on the 100-level assayed from 0.004 percent to 0.029 percent uranium. Here the mineralized zone is more coherent and less oxidized than in the workings above. Samples collected in the stope extending up to the open cut assayed 0.057, 0.008, and 0.019 percent uranium.

Geiger-Mueller traverses in the workings below the 100-level indicate only traces of uranium mineralization. All the traces occurred on the margins of mined out ore shoots.

Reserves

Geiger-Mueller traverses and sampling of the present workings indicate that appreciable quantities of uranium-bearing material occur only above the 100-level. It is not possible to measure or infer tonnages of ore, because the oxidized zone containing these minerals varies in thickness and the distribution of the minerals in it is highly eratic. However, in the oxidized zone above the 100-level there are small showings of highly radioactive rock associated with barren oxidized material. According to Staatz and Johnson the grade of the ore is locally as much as 6 percent uranium which is some of the highest grade material found in vein deposits in Utah or Nevada. The quantity of ore of the grade suggested by them is small, however, and probably totals less than 3 tons.

Recommendations for Exploration

Proposed exploration as stated in docket 1626x is not recommended. Diamond drilling is not feasible because of the incoherent and porous nature of the oxidized zone which has the highest content of uranium minerals. In the broken ground core recovery would be extremely low, and in most places both sludge and water would be lost. An alternate plan is recommended for limited exploration of 2 blocks of ground lying on or above the 100-level.

One block of ground is located between the inclined shaft and the filled chute (see fig. 2) along the eastern margin of ore shoot "A", between the 100-level and the surface. It is not known whether the present boundaries of the stope as shown on the 100-level represent the northeast limit of the ore shoot, nor is it known whether uranium mineralization is confined to the ore shoot in this area. Therefore, it appears feasible to test this ground with an inclined raise above the 100-level. The raise should be inclined upward at an angle of about 60° so as to follow the breccia zone beneath the Arrowhead limestone. About 40 feet of raise should indicate whether additional exploration of this block is warranted. The other block of ground to be explored is located in the footwall 85 feet beneath the area in which the highest

grade uranium samples were collected. A 30-foot crosscut driven north from the 100-level would explore this area. It would prove or disprove the presence of possible fissures--which conceivably could have been the channelways for rising uranium-bearing solutions--and it would indicate the depth of penetration of uranium minerals into the brecciated Bullion dolomite footwall.

Mr. Fred D. Smith has indicated that he lacks mining experience/

/ Verbal communication

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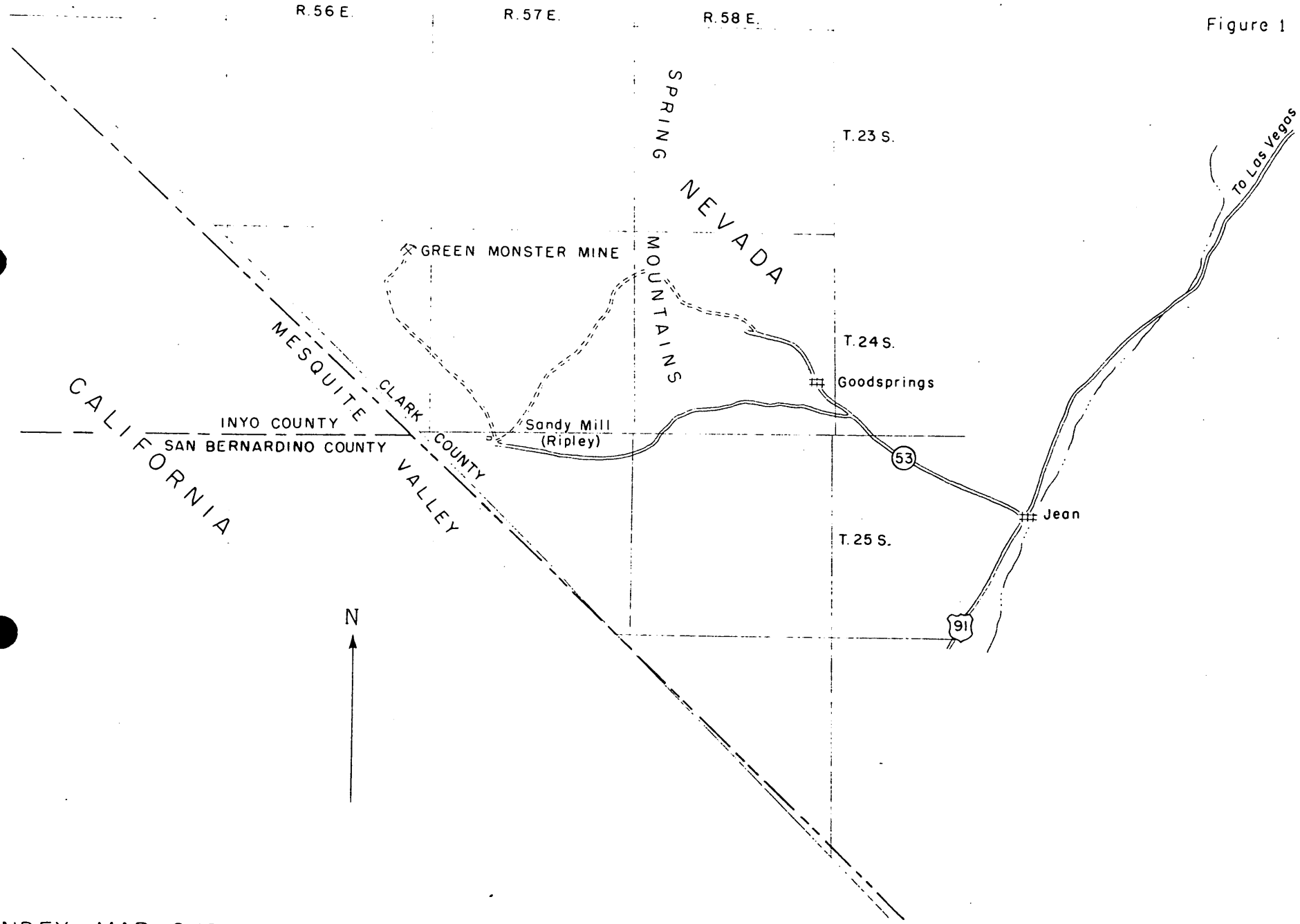
and in addition he does not have the equipment necessary for the proposed exploration. It is therefore recommended, that the exploration be done on a contract basis. The cost for raising should be approximately $35.00 per foot for a total cost of $1,400.00 for 40 feet. Drifting probably can be contracted at $30.00 per foot for a total cost of $900.00 for 30 feet. The cost of the entire exploration project should be about $2,300.00.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMA 1626X
(URANIUM)

Figure 1



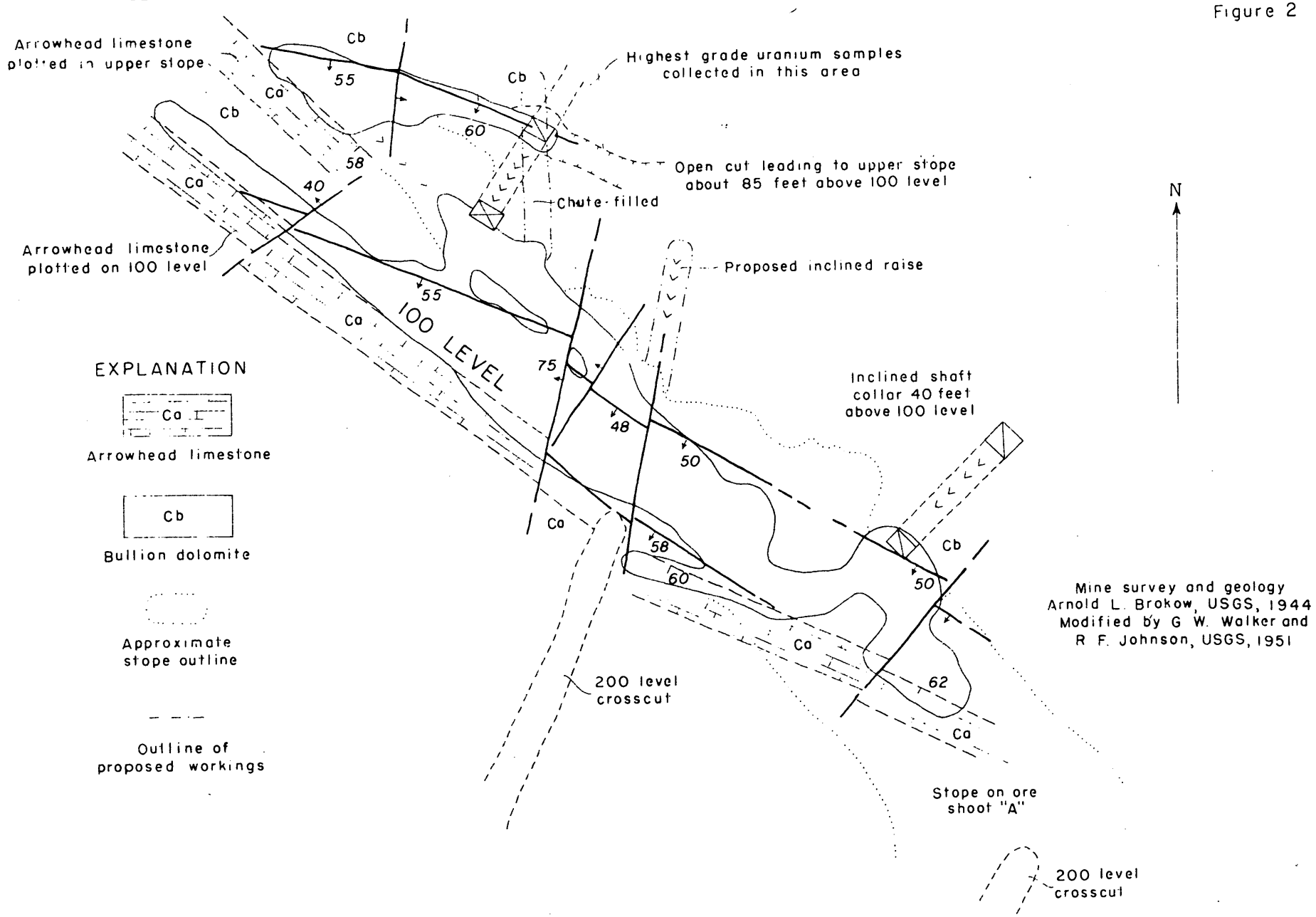
INDEX MAP SHOWING LOCATION OF THE GREEN MONSTER MINE, CLARK COUNTY, NEVADA

0 2 4 6 Miles

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMA 1626X
(URANIUM)

Figure 2



UPPER WORKINGS OF THE GREEN MONSTER MINE, CLARK COUNTY, NEVADA

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION XII

DMA-1626x, Green Monster Group of Claims

Clark County, Nevada

(Uranium)

George W. Walker, Geologist
Robert F. Johnson, Geologist
U. S. Geological Survey

August 14, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 21 1951

DMA-1626x, Green Monster Group of Claims
Clark County, Nevada

(Uranium)

Summary

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or both are found in an incoherent and porous, tabular zone consisting largely of oxidized minerals. The zone is roughly parallel to the limestone-dolomite contact. It ranges from 1 foot to 12 feet in width and has been explored laterally for about 60 feet. Surface exposures indicate that the zone is not more than 100 feet long parallel to the contact. In the footwall below the oxidized zone for a distance of 2 or 3 feet, kasolite, dumontite or both also occur as thin coatings on fractures in the Bullion dolomite. The grade of the uranium-bearing ore near the surface varies noticeably from place to place. Small areas containing less than 100 pounds of limonite, cerussite, and other oxidized materials are rich in uranium minerals, whereas the rock immediately adjacent is virtually barren. In the upper stope at the same elevation as the open cut (see fig. 2), h samples collected by Towle and Rapaport

contained 9.27, 7.57, 0.20, and 0.033 percent uranium. Samples of radioactive material on the 100-level assayed from 0.004 percent to 0.029 percent uranium. Here the mineralized zone is more coherent and less oxidized than in the workings above. Samples collected in the stope extending up to the open cut assayed 0.057, 0.008, and 0.019 percent uranium.

Geiger-Mueller traverses in the workings below the 100-level indicate only traces of uranium mineralization. All the traces occurred on the margins of mined out ore shoots.

Reserves

Geiger-Mueller traverses and sampling of the present workings indicate that appreciable quantities of uranium-bearing material occur only above the 100-level. It is not possible to measure or infer tonnages of ore, because the oxidized zone containing these minerals varies in thickness and the distribution of the minerals in it is highly erratic. However, in the oxidized zone above the 100-level there are small showings of highly radioactive rock associated with barren oxidized material. According to Staatz and Johnson the grade of the ore is locally as much as 6 percent uranium which is some of the highest grade material found in vein deposits in Utah or Nevada. The quantity of ore of the grade suggested by them is small, however, and probably totals less than 3 tons.

Recommendations for Exploration

Proposed exploration as stated in docket 1626x is not recommended. Diamond drilling is not feasible because of the incoherent and porous nature of the oxidized zone which has the highest content of uranium minerals. In the broken ground core recovery would be extremely low, and in most places both sludge and water would be lost. An alternate plan is recommended for limited exploration of 2 blocks of ground lying on or above the 100-level.

One block of ground is located between the inclined shaft and the filled chute (see fig. 2) along the eastern margin of ore shoot "A", between the 100-level and the surface. It is not known whether the present boundaries of the stope as shown on the 100-level represent the northeast limit of the ore shoot, nor is it known whether uranium mineralization is confined to the ore shoot in this area. Therefore, it appears feasible to test this ground with an inclined raise above the 100-level. The raise should be inclined upward at an angle of about 60° so as to follow the breccia zone beneath the Arrowhead limestone. About 40 feet of raise should indicate whether additional exploration of this block is warranted. The other block of ground to be explored is located in the footwall 85 feet beneath the area in which the highest

grade uranium samples were collected. A 30 feet crosscut driven north from the 100-level would explore this area. It would prove or disprove the presence of possible fissures—which conceivably could have been the channelways for rising uranium-bearing solutions—and it would indicate the depth of penetration of uranium minerals into the brecciated Bullion dolomite footwall.

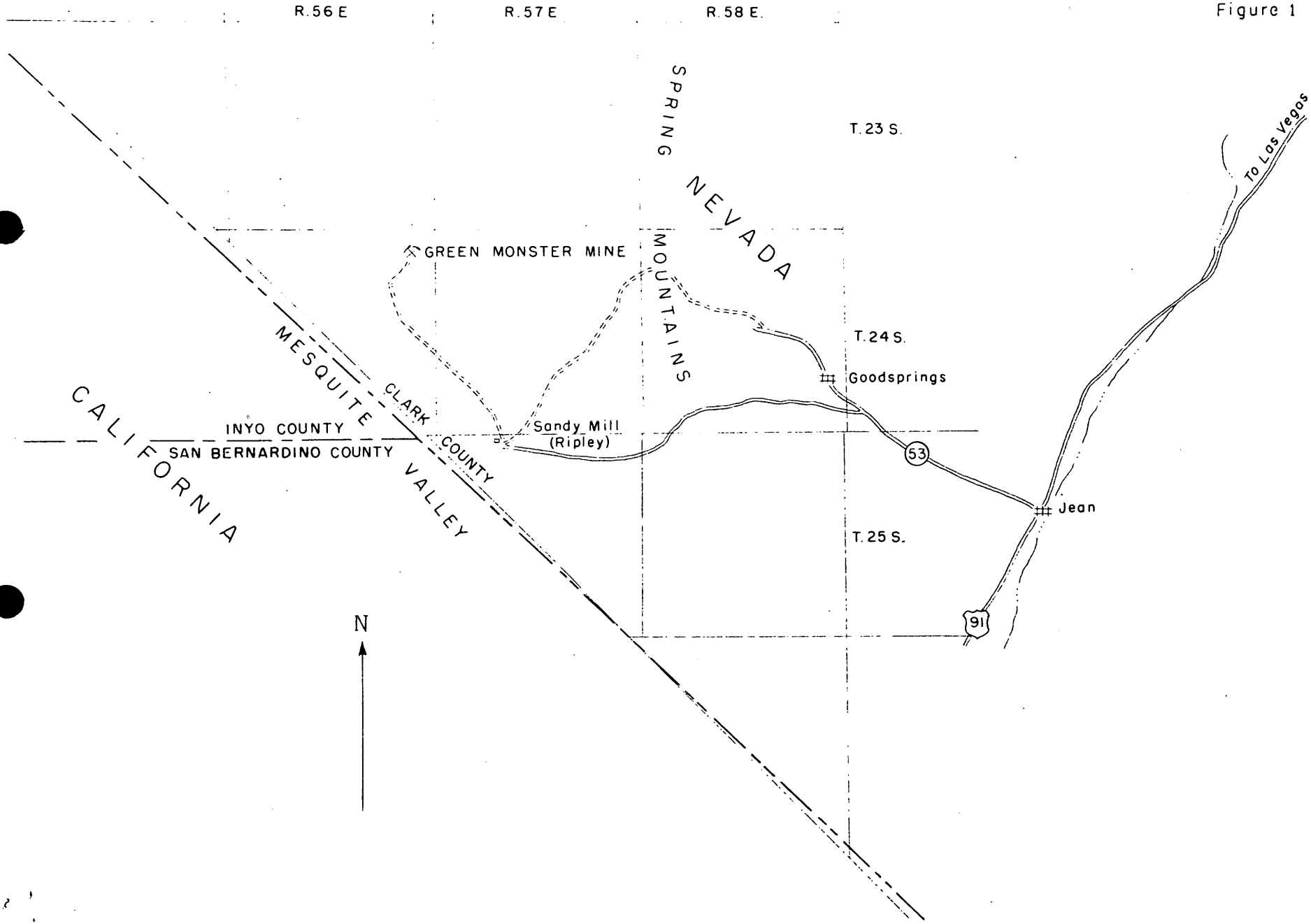
Mr. Fred D. Smith has indicated that he lacks mining experience /

/ Verbal communication

---

and in addition he does not have the equipment necessary for the proposed exploration. It is therefore recommended, that the exploration be done on a contract basis. The cost for raising should be approximately $35.00 per feet for a total cost of $1,400.00 for 40 feet. Drifting probably can be contracted at $30.00 per foot for a total cost of $900.00 for 30 feet. The cost of the entire exploration project should be about $2,300.00.

Figure 1



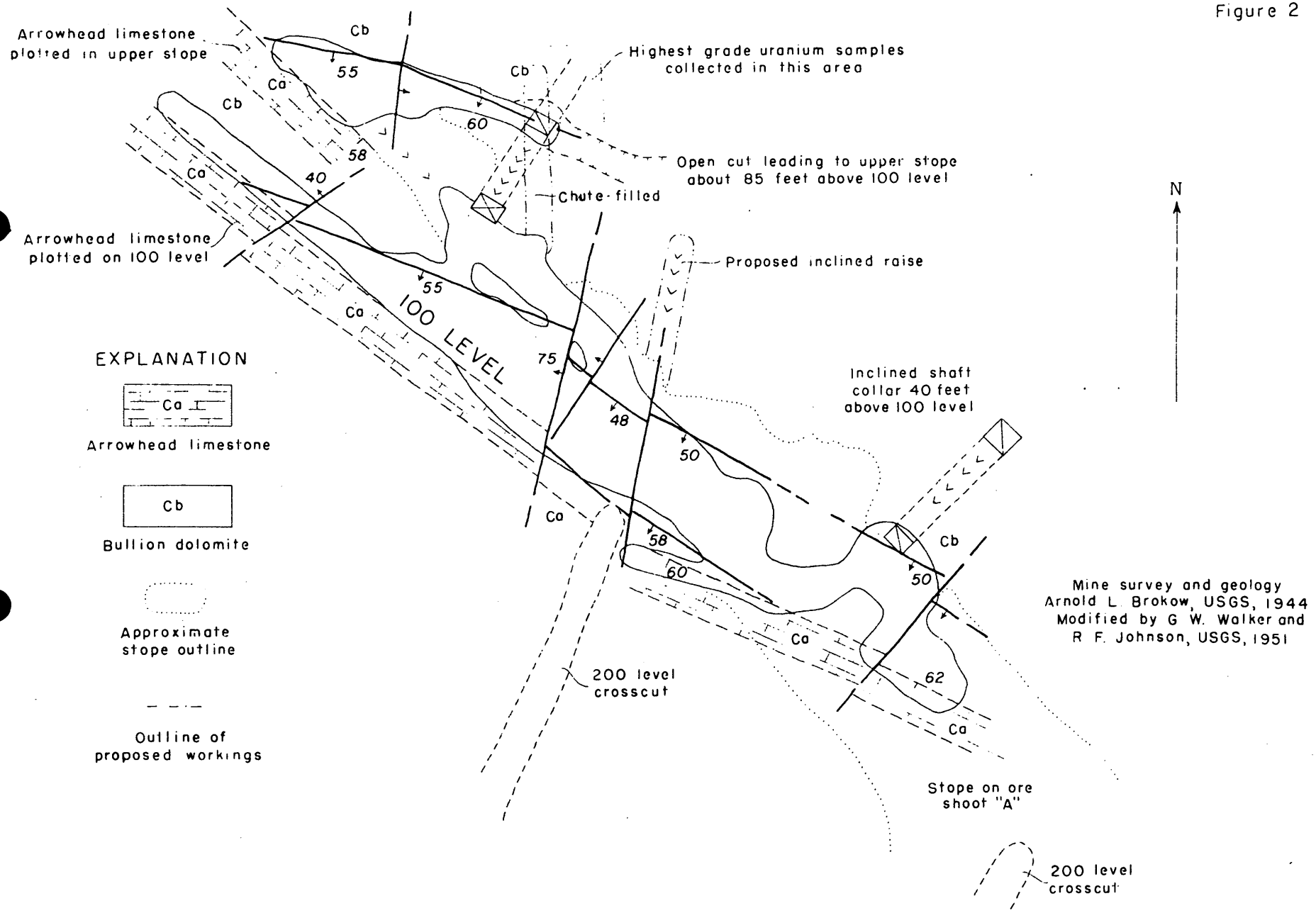
INDEX MAP SHOWING LOCATION OF THE GREEN MONSTER MINE, CLARK COUNTY, NEVADA

0 2 4 6 Miles

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMA 1626X
(URANIUM)

Figure 2



UPPER WORKINGS OF THE GREEN MONSTER MINE, CLARK COUNTY, NEVADA

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

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 2 71951
SAN FRANCISCO, CALIFORNIA

Refer to	Noted	Date
Answered		

Mr. H. C. Miller
Executive Officer, Field Team III
1415 Appraisers Building
San Francisco, California

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. DMA-1626x

Commodity Uranium

Applicant Mr. Fred D. Smith

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Tom Lyon

Tom Lyon, Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Edwin T. McKnight
For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Fred Smith

Docket No. DMA-1626 X

Commodity Uranium

Total Amount 20,000.00

Govt. Participation 18,000.00

1. Name and Address of Applicant Fred D. Smith
P.O. Box 862, Las Vegas, Nevada

2. Location of Property Yellow Pine Mining District, Clark County, Nevada
Secs. 1 and 12, T. 24 S., R. 56 E., M.D.M.
(Green Monster Group)

3. Mineral or metal Uranium Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project? Report by [illegible] is required.
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated?
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary?_____

   a) MF-201?_____

   b) MF-202_____

8. From the data presented, does the proposed project appear feasible from the point of view of:

   a) Available manpower_____

   b) Equipment and supplies_____
      (Question 14 plus general knowledge of availability)*

   c) Accessibility (question 12)*_____

   d) Water (question 13)*_____

   e) Power (question 13)*_____

   Is a field check needed on any of these points?_____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)*_____

   _____

   Is a field check needed on this point?_____

10. Exhibit A. (questions 21 and 22)*

   a) Is the project adequately described?_____

      If not, are there sufficient data given so that you can describe the project?_____ If so, attach a draft.

   b) Is there an adequate map or sketch of the proposed work?_____

      _____

   c) Is the proposed work "exploration" under the definition of Section 8, MO-5?_____

      If not, what part of it is?_____

      _____

      _____

      _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant?_____

g) Is a field examination necessary to complete Exhibit A?_____

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable?_____

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____ _____

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? _____

15. In your judgment, can the proposed work be done in the proposed time? _____

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? I suggest that the field team review this application with Lincoln R. Page (U.S.G.S.) and Charles C. Towle (AEC) at Denver Federal Center, and that it be noted that the applicant proposes diamond drilling for 2 months and development for 8 months.

Reviewed by: A D Keller
Geological Survey
G O Hosted, AEC

Date June 15, 1951

97692

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 1951

P.O. Box 862
Las Vegas, Nevada
July 30, 1951

Mr. Tom Lyon, Director
Supply Division
Defense Minerals Administration
Washington 25, D.C.

Dear Mr Lyon:

In considering my application for Defense Minerals Administration Loan Docket # DMA 1626 on the Green Monster Mine, I would appreciate it very much if the person who reviews my application would secure a copy of the A.L. Brokaw Report 1944 U.S.G.S. and take into consideration Brokaw report of 10,000 tons of radio active material in the upper stope which surfaces north of the main shaft. This ore body is exposed on the surface, extends downward approximately 100' and is 100' long and from two to six feet thick.

On July 27th George W. Walker, geologist, U.S.G.S. of the San Francisco office visited the Green Monster Mine and I am satisfied that he did a most complete and thorough job as he inspected many workings in the lower levels more completely than I ever had.

Also I would like the reviewer of my application to take into consideration that I only had one day to fill out the application. I explained this to Mr. Walker and suggested to him that any changes the D.M.A. would wish to make in my application that would help my application, would be satisfactory to me.

Hoping my application receives an early and favorable consideration, I am

Yours very truly,

Fred D. Smith

Fred D. Smith

FILE COPY
SURNAME:

Gordon Bourret.

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

AUG 10 1951

G. E. C.

Mr. Fredd D. Smith
P. O. Box 862
Las Vegas, Nevada

Re: Uranium
DMA-1626x

Dear Mr. Smith:

Receipt of your letter of July 30, 1951, is hereby acknowledged and we thank you for your comments.

You may rest assured that after your application has been reviewed by the field team it will receive our careful attention.

Yours very truly,

B J 8/10

/s/ Weston Bourret

Weston Bourret, Chief
Minor and Rare Metals

WBourret/mh 8-9-51
cc: Adm. Read. File
Reports and Records
Lyon
Bourret
DMA docket files

FILE COPY
SURNAME:

Gordon
Bourret.

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

July 31, 1951

A.E.C.

Mr. Fred D. Smith
P. O. Box 862
Las Vegas, Nevada

Re: Uranium
DMA docket 1626

Dear Mr. Smith:

Your letter of July 24, 1951, has been received by the Minor and Rare Metals Branch of the Supply Division.

We note the change to single ownership, which should not cause any delay in consideration of your application.

As advised in our letter of June 21, 1951, the matter has been referred to the DMA field team, of whom you may inquire regarding progress if you wish.

Upon receipt of their report, we shall proceed to review your application.

Yours very truly,

Tom Lyon

not typed here

Tom Lyon, Director
Supply Division

EGordon/mh
cc: Adm. Read. File
Reports and Records
Lyon
Field Team III
Bourret
Files

dma 1626

P. O. Box 862
Las Vegas, Nevada
July 24, 1951

Mr. Tom Lyon, Director
Supply Division
Defense Minerals Administration
Washington 25, D.C.

Dear Mr Lyon:

Please note the two legal attachments and let me know if it will change or delay my application for Defense Minerals Administration loan. I believe it should not as I am now sole owner.

I have not heard from Mr. Miller in San Francisco or your office since your letter of June 21, 1951. May I have a progress report to date.

Yours very truly,

Fred D. Smith

Fred D. Smith

Enc.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 26 1951
LANDON F. STROBEL
Executive Secretary

Las Vegas, Nevada

July 16, 1951

KNOW ALL MEN BY THESE PRESENTS:

That I, the undersigned, Edward H. Combs, of Las Vegas, Nevada, for and in consideration of the sum of One Dollar ($1.00) and other good and valuable consideration to me in hand paid by Fred D. Smith, of North Las Vegas, Nevada, the receipt whereof is hereby acknowledged, do hereby sell, assign, transfer and set over unto the said Fred D. Smith, his heirs, executors, administrators and assigns, all of my right, title and interest in, of and to the premises and property and leasehold to which this assignment is to be attached.

IN WITNESS WHEREOF, I have hereunto set my hand and seal the day and year in this assignment first above written.

(SIGNED Edward H. Combs)

STATE OF NEVADA)
: SS.
COUNTY OF CLARK)

On this 18th day of July, 1951, before me, a Notary Public in and for the said County and State, residing therein, duly commissioned and sworn, personally appeared EDWARD H. COMBS, known to me to be the person whose name is subscribed to the within Instrument and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this Certificate first above written.

(Signed Goldie Moran)
Notary Public in and for said County and State

(SEAL)

My Commission Expires:

December 15, 1954

Hawkins & Cannon
Attorney at Law
Williams Building Las Vegas Nevada

COPY

CERTIFICATE OF BUSINESS:
Fictitious firm name

THE UNDERSIGNED, does hereby certify that he has succeeded to the partnership and firm doing business under the fictitious name of SMITH & COMBS who, under date of the 13th day of February, 1951, caused to be filed in the Office of the County Clerk of Clark County, Nevada, at Las Vegas, a certificate of doing business under said fictitious name of SMITH & COMBS.

That he is the sole owner of said firm assets and property and is now and will hereafter conduct said mining business under the name of FRED D. SMITH, who is now the sole and only person interested in said mining business.

That his name and address is:

Fred D. Smith, 1849 Roosevelt, North LAs Vegas, Clark County, Nevada, and his Post Office Box is 862, Las Vegas, Nevada.

WITNESS his hand this 16th day of July, 1951.

(Signed Fred D. Smith)

COPY

STATE OF NEVADA)
: SS.
COUNTY OF CLARK)

On this 18th day of July, 1951, before me, a Notary Public in and for the said County and State, residing therein, duly commissioned and sworn, personally appeared FRED D. SMITH known to me to be the person whose name is subscribed to the within Instrument and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this Certificate first above written.

(Signed Goldie Moran)
Notary Public in nd for said County and State

(SEAL)

My Commission Expires:

December 15, 1954

Hawkins & Cannon
Attorny at Law
Williams Building
Las Vegas, Nevada

FILE COPY
SURNAME:

Bourret
Smith 1/6

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

June 22, 1951

Hon. Walter S. Baring
House of Representatives
Washington 25, D. C.

My dear Mr. Baring:

In reply to your letter of June 6, 1951, I am pleased to advise that under date of May 26, Mr. Fred D. Smith applied for an exploration project to explore a uranium deposit in Clark County, Nevada, DMA-1626x.

I know you will be pleased to learn that Mr. Smith's application is presently having our attention and we hope to conclude our review in the near future.

If I can be of further assistance kindly advise me.

Sincerely yours,

JAMES BOYD

Administrator

WBourret/mh
cc: Adm. Read. File
Lyon
Strobel
~~Field Team~~
Keiser, Hosted, U.S.G.S.
Bourret
Files

Dma 1626

FILE COPY
SURNAME:

Bourret
McKnight for
Moon
Howe

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

Mailed 6/22/51

June 21, 1951

Mr. Fred D. Smith
P. O. Box 862
Las Vegas, Nevada

Dear Mr. Smith:

Your application, Docket DMA-1626 for exploration project in the amount of $20,000.00 has been received by the Minor and Rare Metals Branch of the Supply Division.

Before a decision can be reached on your request we find it is necessary to obtain additional information on your property. Your application therefore is being referred to the office of the Executive Officer of DMA field team III, Mr. H. C. Miller, 1415 Appraisers Building, San Francisco, California, with the request that the needed information be supplied to us.

Yours very truly,

Tom Lyon, Director
Supply Division

WBourret/mh
cc: Adm. Read. File
Strobel
lyon
Bourret
Files
Filed Team III

DMA 1626

WALTER S. BARING
CONGRESSMAN
NEVADA (A. L.)

OFFICE ADDRESS:
SUITE 1509
HOUSE OFFICE BUILDING

~~LANDON F. SIKORSKI~~
~~Forward~~

PUBLIC LANDS COMMITTEE

SUBCOMMITTEES:
PUBLIC LANDS
MINES AND MINING
INDIAN AFFAIRS
IRRIGATION-RECLAMATION

Congress of the United States
House of Representatives
Washington, D. C.

Answ by H. Bourret on 6/27/51 for Mr. Bourret

June 6, 1951

Serial 1626 X

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 11 1951
LANDON F. SIKORSKI
Executive Secretary

Dr. James Boyd, Administrator
Defense Minerals Administration
Bureau of Mines
Department of the Interior
Washington, D. C.

Dear Dr. Boyd:

This is in behalf of Mr. Fred D. Smith, P. O. Box 862, Las Vegas, Nevada, who has written me in regard to his application for a loan from the Defense Minerals Administration on the Green Monster Mine in Clark County. (MF-103)

Mr. Smith did not receive his application blanks until May 26, and it took him four days to figure out and to furnish the required information, so he was unable to mail his applications until May 31. He has informed me that he read that the loan expiration date is June 30, and that he later learned that the applications for loans had to be submitted 30 days prior to that date.

It may be possible that inasmuch as the post mark date of his letter was May 31, his application may have been a little late. Will you kindly look into this matter, and see if Mr. Smith's application is on file? I shall appreciate very much your early attention to this request, so that I may inform my constituent. I have a particular interest in this case.

Most sincerely yours,

Walter S. Baring

WALTER S. BARING
Congressman from Nevada

Application is postmarked May 31, which is 1 day late.

WSB/mlb

BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.
JUN 7 10 31 AM '51

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1626X

Date received 6/5/51

Participation

Fred D. Smith
P. O. Box 862
Las Vegas, Nevada

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 2 7 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost 020,000.00

Mineral or metal Uranium

Percentage of Government participation 90%

Location of mine Yellow Pine Mining District
Clark County, Nevada

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company)	By Fred D Smith (Signature of authorized official)
May 26 1957 (Date)	(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

May 26, 1951

Application of Fred D. Smith to Defense Minerals Administration

Answers to Questions on Form MF-103

1. Partnership

2. Fred D. Smith and E. C. Combs, P. O. Box 662, Las Vegas, Nevada

4. Fred D. Smith has been engaged in the well-drilling and mining for the last 30 years and is competent to manage the project.

5. Lessee.

7. The lease is for five years, from the Sunical Land and Development Company, and is in good standing. Have not time as yet to receive lessor's subordinations.

8. Have spent over $4500.00 Developing the mine and assets less than $500.00.

9. $2,000.

10. The Green Monster Group consisting of 4 claims and mill site consisting of the, Green Monster, Idn, Monarch and Hillside No. 2 Lodes and Green Monster Mill site, Clark County, Nevada; consisting of 84.48 acres. Sections 1 and 2, ~~Range~~ T 24 S R 56 E, Mount Diablo Meridian. See attached U.S.S. No. 2183 A and B.

11. Has been known as the Green Monster since March 27, 1899.

12. Las Vegas to Jean 32 miles south on Highway 91. Jean to Goodsprings 8 miles N.W. oiled road. Goodsprings to Sandy Hill 12 miles west good county road. Sandy Hill to Green Monster 8 miles north good desert road, bladed onto property.
The main line of Union Pacific R.R. has a siding at Jean. Also platform scales at Jeans

13. No water on claims and propose to haul water from Sandy Hill.
No Power to be used.

14. One head-frame (very old) over main shaft is the only structure on property.

15. Ore could be shipped to Union Pacific R.R. at Jean, Nev. or by truck to Marysvale, Utah. Trucking is by far the cheapest.

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May 26, 1951

Application of Fred D. Smith to Defense Minerals Administration

Answers to Questions on Form MF-103

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Driller to Operate Diamond Drill ($16.00 day) Helper " " " " 14.00 "	$700.00 Mo.	2 Mo.	1400.00
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Purchase Hoist			300.00
" Jack Hammer, Steel & bits			500.00
" Pipe--water & air, Water Tank			300.00
" Pick-up Truck			1000.00
			$20,200.00

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
Postmarked 5/31/51
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma-1626 X

Date received 6/5/51

Participation

Fred D. Smith
P. O. Box 862
Las Vegas, Nevada

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 2 7 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost $20,000.00

Mineral or metal Uranium

Percentage of Government participation 90%

Location of mine Yellow Pine Mining District
Clark County, Nevada

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

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16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

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*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

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State amount of power to be used, rate per hour or other cost, and source.

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24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company)	By Fred D Smith (Signature of authorized official)
May 26 1951 (Date)	(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

May 26, 1951

Application of Fred D. Smith to Defense Minerals Administration

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8. Have spent over $4500.00 Developing the mine and secure less than $500.00.

9. $2,000.

10. The Green Monster Group consisting of 4 claims and mill site consisting of the, Green Monster, Inc, Monarch and Hillside No. 2 Lodes and Green Monster Mill site, Clark County, Nevada; consisting of 64.48 acres. Sections 1 and 2, Twp. 2 S R 56 E, Mount Diablo Meridian. See attached U.S.G. No. 2163 A and B.

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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma-1626X

Date received 6/5/51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 2 7 1951
SAN FRANCISCO, CALIFORNIA

Fred D. Smith
P. O. Box 862
Las Vegas, Nevada

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost $20,000.00

Mineral or metal Uranium

Percentage of Government participation 90%

Location of mine Yellow Pine Mining District
Clark County, Nevada

Date of filing MF-100

DMA Docket Number, if available

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May 26 1957 (Date)	(Title)

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May 26, 1951

Application of Fred D. Smith to Defense Minerals Administration

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Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1626X

Date received 6/5/51

Participation

Fred D. Smith
P. O. Box 663
Las Vegas, Nevada

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost 500,000.00

Mineral or metal Uranium

Percentage of Government participation 90%

Location of mine Yellow Pine Mining District
Clark County, Nevada

Date of filing MF-100

DMA Docket Number, if available

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    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company) By Fred D. Smith
(Signature of authorized official)

May 26 1957
(Date) (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

May 26, 1951

Application of Fred D. Smith to Defense Minerals Administration

Answers to Questions on Form MF-103

1. Partnership

2. Fred D. Smith and E. C. Combs, P. O. Box 862, Las Vegas, Nevada

4. Fred D. Smith has been engaged in the well-drilling and mining for the last 30 years and is competent to manage the project.

5. Lessee.

7. The lease is for five years, from the Sunical Land and Development Company, and is in good standing. Have not time as yet to receive lessor's subordinations.

8. Have spent over $4500.00 Developing the mine and assets less than $500.00.

9. $2,000.

10. The Green Monster Group consisting of 4 claims and mill site consisting of the, Green Monster, Ida, Monarch and Hillside No. 2 Lodes and Green Monster Mill site, Clark County, Nevada; consisting of 84.48 acres. Sections 1 and 2, ~~Range~~ T 24 S R 56 E, Mount Diablo Meridian. See attached U.S.S. No. 2183 A and B.

11. Has been known as the Green Monster since March 27, 1899.

12. Las Vegas to Jean 32 miles south on Highway 91. Jean to Goodsprings 8 miles N.W. oiled road. Goodsprings to Sandy Mill 12 miles west good county road. Sandy Mill to Green Monster 8 miles north good desert road, bladed onto property.
The main line of Union Pacific R.R. has a siding at Jean. Also platform scales at Jeans

13. No water on claims and propose to haul water from Sandy Mill.
No Power to be used.

14. One head-frame (very old) over main shaft is the only structure on property.

15. Ore could be shipped to Union Pacific R.R. at Jean, Nev. or by truck to Marysvale, Utah. Trucking is by far the cheapest.

16.a Have no data on production figures, but the Green Monster was a very large producer of copper, lead and zinc. The main shaft is 6'x 10' x 320' deep. The 160' level is over 1200' long. Presumedly it was shut-down due to low prices. A complete survey of the mine was made by Mr. A. L. Brokaw of the U.S. Geological Survey in 1944. The A.E.C. have this report and maps, but I have been unable to secure a copy. I have been refused several times in my asking for this report.

6'

(b) D.F. Hewitts report No. 162 on the Goodsprings Quad. Also Hewitt on the Green Monster.

May 26, 1951

Application of Fred B. Smith to Defense Minerals Administration

Answers to Questions on Form DS-103

16 (c) Attached is copy of Bureau of Mines, Boulder City, Nov. 63 Uranium, 29% lead, 5.56% zinc
U.S.A.E.C. Denver office by C.C. Towle
U. S. Dept of Interior Bureau of Mines, Boulder City, Nov. 63 Uranium by [illegible]. Lloyd
Settlement sheet from American Smelting & Refining Co.
Copy of contract No. AT(05-1)-150

18. See A. L. Brokaw's Report for U.S. Geological Survey, 1944 on Green Monster Mine.

20. Uranium ore--autunite and pitchblend.

21. Propose to Diamond-drill and develop mine for 10 months.

22. See attached letters from Atomic Energy Commission and Bureau of Mines, etc.

23 & 24. I propose to Diamond Drill from the 1st two months only. The next 8 months development work. Proposed expenses as follows:

Labor Miner ($16.00 per day) Mucker 14.00 " ")	$700.00 Mo.	10 Mo.	$7000.00
Supervisor (One)	$400.00 Mo.	10 Mo.	4000.00
Rent Diamond Drill	$300.00 Mo.	2 Mo.	600.00
Driller to Operate Diamond Drill ($16.00 day) Helper " " " 14.00 ")	$700.00 Mo.	2 Mo.	1400.00
Rental of Compressor	$200.00 Mo.	10 Mo.	2000.00
Operating Expenses	200.00 Mo.	10 Mo.	2000.00
Purchase Hoist			500.00
" Jack Hammer, Steel & bits			500.00
" Pipe--water & air, Water Tank			300.00
" Pick-up Truck			1000.00
			$20,250.00

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
Postmarked 5/31/51
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

May 17, 1951

Mr. Fred D. Smith
~~P. O. Box 868~~
Las Vegas, Nevada

Dear Mr. Smith:

In reply to your letter of May 10, 1951, we are pleased to enclose herewith copy of Mineral Order No. 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects". We are also enclosing herewith five copies of form MF-103 to be used in applying for government aid in such projects. The forms are self-explanatory and if you will read the questions carefully, I am sure you will have no difficulty in supplying the necessary information. In describing the exploration work you wish to undertake, under question no. 22, we would appreciate your giving as much detail as possible, including supporting maps.

The MI exploration program was only made public on April 11, 1951; it is no doubt for this reason that your earlier questions were not promptly answered.

I am also enclosing a copy of a press release of May 14, which provides additional information on the mineral exploration program.

Yours very truly,

Landon F. Strobel
Executive Secretary

WBourret/mh
cc: Mr. Strobel
Enclosure

Adm. Reading File
Mr. Bourret
Files