DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip Tungsten

CONTROLLED DOCUMENT

~~DMA~~ DMEA. Docket No. 2229

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EXPLORATION PROJECT

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Routing Slip

To:	IRON & FERRO ALLOYS	Date	11-19-51
To:	PED Div	Date	11/20/51
To:	Iron & Ferro	Date	1/22/52
To:	Operating Com.	Date	4-9-52
To:		Date	
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400

Acting Administrator, DMEA

March 28, 1952

Iron and Ferro-Alloy Division, DMEA

Denial of exploration project in the amount of $75,000.00
Docket No. DMA 2229X - Tungsten
Parker Mining and Milling Company
P.O. Box 282, Barstow, California
White Dollar Claims, Cow Mountains
San Bernardino County, California

The subject application was denied by this Division for the following reasons:

1. Metasediments and metavolcanics have been intruded by granite. Areas of hornfels and tactite were formed in small unrelated areas. Eleven out of 13 samples taken showed less than 0.16 per cent WO_3; one showed 0.32 per cent and one, from the best exposure, showed 0.50 per cent WO_3. The observed tenor of the ore is too low for exploitation.

2. A study of the possibility of increase in grade with depth reveals no reason for believing that any higher grades will be encountered. Only 50 to 100 tons of the 0.50 per cent grade is inferred to exist.

3. The Commodity Divisions of the USGS and the USBM recommend denial, the latter orally.

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

QLBrewer'lm
3/28/52

cc: Admn. Reading File
Docket
G. C. Selfridge
Q. L. Brewer

400

APR 10 1952

Parker Mining & Milling Co.
Mr. Frank A. Parker
P.O. Box 202
Barstow, California

Re: Docket No. DMA 2229X - Tungsten
White Dollar Claims
Cord Mountains
San Bernardino County, California

Dear Mr. Parker:

Your application for aid for an exploration project in conjunction with other reports available to us in Washington, including a study recently made of the subject property, has been carefully reviewed.

The information, while noting a small amount of marginal ore, indicates that, geologically, there is little likelihood of making a significant mineral discovery. We regret, therefore, to inform you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Program, and for your effort in this respect.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer:lm
4/4/52

cc: Admn. Pending File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
Q. L. Brewer
Operating Committee

FILE COPY 400
SURNAME:

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

Gentry
Selfridge
Matt

FEB 1 9 1952

Parker Mining and Milling Corp.
Mr. Frank A. Parker, President
P.O. Box 202
Barstow, California

Re: Docket No. DMA 2229X - Tungsten
White Collar Claims
San Bernardino County, California

Dear Mr. Parker:

Review of our file pertaining to the subject docket shows that we will require the following additional information from you:

1. Signed and dated copy of the mining lease between J. Ralph McInerny, lessor, and the Parker Mining and Milling Company, Inc. as lessee.

2. Six signed and dated copies of the seven enclosed Landlord's Subordination Agreement, forms MF-202.

May we hear from you at your earliest convenience?

Sincerely yours,

George C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Enclosures - 7

GGGentry'lm
2/15/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
G. G. Gentry

400 file

IN REPLY REFER TO:

G-MD-DML

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

March 26, 1952

Memorandum

To: George C. Walfridge, DMEA

From: D. M. Lemmon, U.S.G.S.

Subject: Field Report DMEA 2227 - Tungsten
White Dollar claims
Parker Mining and Milling Co.
Sec. 7, T. 7 N., R. 2 E.
Ord Mountains
San Bernardino Co., California

These claims were examined February 5-8, 1952 by F. C. Bateman and C. F. Kinchart of the Geological Survey. Bateman had also examined the property in 1944 when it was known as the Mayday group.

The examination showed that most of the mineralization is submarginal and the only possible production would be small amounts of sorted ore carrying about 0.5 percent of WO_3. Of 13 samples only two assayed more than 0.16 percent of WO_3, and these two, containing 0.32 and 0.50 percent, represented only a few tons.

The Field Team recommends that the exploration proposals be denied, a decision with which I concur.

DM Lemmon

DMLemmon:gt

+77A

FEB 1 9 1952

Parker Mining and Milling Corp.
Mr. Frank A. Parker, President
P.O. Box 202
Barstow, California

Re: Docket No. MMA 222PI - Tungsten
White Collar Claims
San Bernardino County, California

Dear Mr. Parker:

Review of our file pertaining to the subject docket shows that we will require the following additional information from you:

1. Signed and dated copy of the mining lease between J. Ralph McInerny, lessor, and the Parker Mining and Milling Company, Inc. as lessee.

2. Six signed and dated copies of the seven enclosed Landlord's Subordination Agreement, form MF-202.

May we hear from you at your earliest convenience?

Sincerely yours,

G. J. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Enclosures - 7

GGGentry:lm
2/15/52

cc: Admn. Reading File
Docket
P. M. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. J. Selfridge
G. G. Gentry

Pasher Mining and Milling Corporation
P.O. Box 2[illegible]
Bagstow, California

Re: Docket No. DMA [illegible] - Tungsten
Owl Mountain Mining District
San Bernardino County, California

Gentlemen:

After a study of your application of November 5, 1951, for an exploration loan, we find that the larger part of the loan requested is for expansion and production rather than exploration. This loan could only be granted by the Defense Materials Procurement Agency after an adequate ore reserve has been proved.

As we believe you have a property that warrants exploration, we are forwarding data to Mr. H. O. Miller, Executive Officer, DMPA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California.

The field team will contact you and make a study of the property, and will confer with you concerning an amendment to your application or a new application for exploration only.

If the exploration work indicates sufficient ore for an operation, then you can make an application for an expansion loan.

Sincerely yours,

Acting Administrator
Defense Minerals Exploration
Administration

TLChapman:lm
1/18/52

cc: Admn. Reading File
Docket
R. W. Graham, UMRM
D. M. Lemmon, USGS
Field Team Reg. III
G. O. Selfridge
T. L. Chapman

File 1/3

George Selfridge, DMEA

January 2, 1952

D. M. Lemmon, U. S. Geological Survey

Exploration application $75,000
Parker Mining and Milling Corporation
Box 202, Barstow, California

DMA 2229 - Tungsten

Property: White Dollar claims
Sec. 7, T. 7 N., R. 2 E.
Ord Mountain, San Bernardino Co., Calif.

This application is a hodge-podge mixture of requests for mill construction, mine and mill equipment, working capital, and exploration.

Parker has under construction a 50-ton mill at Barstow, but has done no work on the mine, which is 27 miles distant. In October 1951 D. M. Lemmon and P. C. Bateman stopped briefly at the mill site and received the impression that the small mill under construction would probably be satisfactory. Our conversation with Mr. Parker, however, showed that he had little knowledge of mining and geology, and was primarily interested in metallurgy. The reputed mineral deposit has not been adequately sampled or mapped, and has not been explored.

The docket is not accompanied by a useful geologic map or assay map. The so-called geologic report by Eugene Lawrence is meaningless. Lawrence is in the army, stationed at Camp Irwin north of Barstow, and is apparently not a qualified geologist.

The application states that Parker shipped 20 tons of ore to Black Rock Mining Co. at Bishop on June 12, 1951 and received $798.80. Inasmuch as Black Rock purchases only concentrate at Bishop, this statement is not clear. Parker told Lemmon that he had shipped 14 tons to U. S. Vanadium at Bishop, but had received no payment because the material only contained 0.29 percent of WO_3. The claim that reserves are 100,000 tons proved and 400,000 tons assumed, content of WO_3 0.75 to 1.5 percent, is apparently wishful thinking.

The property has not been examined by the Geological Survey.

It is recommended that the applicant be informed that the majority of the items requested are for production, not exploration, and can be granted only by DMPA after an adequate ore reserve has been proved; also, that the information submitted by the applicant is insufficient to demonstrate any ore reserve.

It is also recommended that the application be referred to the Field Team, San Francisco, requesting that the deposit be examined geologically and check-sampled, and that a recommendation be made as to whether any exploration project is justified.

Lemmon

DMLemmon:gt
Copies to: Geehan
Holderer

Geehan Concurred

file

Parker Mining and Milling Corporation
P.O. Box [illegible]
Barstow, California

Re: Docket No. DMA 2279X - Tungsten
Cord Mountain Mining District
San Bernardino County, California

Gentlemen:

After a study of your application of November 5, 1951, for an exploration loan, we find that the larger part of the loan requested is for expansion and production rather than exploration. This loan could only be granted by the Defense Materials Procurement Agency after an adequate ore reserve has been proved.

As we believe you have a property that warrants exploration, we are forwarding data to Mr. H. G. Miller, Executive Officer, DMPA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California.

The field team will contact you and make a study of the property, and will confer with you concerning an amendment to your application or a new application for exploration only.

If the exploration work indicates sufficient ore for an operation, then you can make an application for an expansion loan.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

TL/Chapman'lm
1/18/52

cc: Admn. Reading File
Docket
R. W. Cochran, USBM
D. M. Lemmon, USGS
Field Team Reg. III
✓ G. C. Selfridge
T. L. Chapman

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

1/22
147 Ad

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

The attached "Review of Application for Exploration Assistance" is:

Applicant Parker Mining & Milling Corp.

Market No. 2229

Commodity Tungsten

Amount $ 75,000.00

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

Sincerely yours,

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

Director, Bureau of Mines

Director, Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 2229

Commodity Tungsten

Total Amount $75,000

Govt. Participation $56,250 75%

1. Name and Address of Applicant Parker Mining & Milling Corp.

Box 202, Barstow, Calif.

2. Location of Property Sec. 7, T. 7N; R. 2E;, Ord Mountain Mining District, San Bernardino Co. Calif.

16½ miles southeast of Daggett, Calif.

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

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 Yes

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

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

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

Does the lease have sufficient time to run to cover a future productive period? Yes

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

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 Yes

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

c) Accessibility (question 12)* Easily accessible

d) Water (question 13)* Sufficient near mine for mine operation
Mill will be near Barstow with sufficient water

e) Power (question 13)* Power at mine will be gasoline or Diesel
Power obtainable from Power Co. at Barstow for mill

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Applicant has had considerable experience in operating mines and mills, but has apparently better acquainted with the milling operations.

Is a field check needed on this point? Yes

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No. If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Fair
Should be checked by field team

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Proposed exploration work would cost from $20,000 to $25,000; Balance of $75,000 would come under the head of expansion and production and is not applicable

If not, what part of it is? Mine exploration. $20,000 to $25,000

Is this part a worthwhile exploration project? Yes

d) Are the cost estimates detailed? Yes

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

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? _____

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

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

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

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

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Better to check items with applicant

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

a) Are there sufficient data? Yes

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

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Better to check items with applica nt

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes

c) Reasonable? Yes

d) Field check needed? Better to check with applicant

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

(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? Field team should make a geological study of area and check trenching, mining exploration and diamond drilling necessary to indicate ore body or bodies. Cost of this operation should be checked. If a substantial tonnage of ore is indicated by above work, then an application for a production loan can be made to the DMPA

Enclosures.

- 2 photos of mine area.
- 1 claim map
- 1 map showing cuts and workings on property, indication ore showings and values, Also points of proposed cuts.
- 1 Topographical map
- Geology report by R.Lawrence
- Copy of lease and option
- Form MF-100 with applicants data
- Form MF-103 (April 1951) with applicants data
- Copy of Memo to George Selfridge by Robert W.Geehan, Bureau of Mines.
- Copy of letter to Geo.Selfridge by D.M.Lemmon, U.S.Geological Survey
- Copy of letter to applicant advising of conclusions.

Reviewed by: G.E.Selfridge

by. T.L.Chapman

Date

INT.-DUP. SEC., WASH., D.C. 99009

FILE COPY
SURNAME:

Brewer
Selfridge
Graham
Hedges
Hayes
Johnson

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

APR 10 1952

Sd

Parker Mining & Milling Co.
Mr. Frank A. Parker
P.O. Box 262
Barstow, California

Re: Docket No. DMA 2229X - Tungsten
White Dollar Claims
Ord Mountains
San Bernardino County, California

Dear Mr. Parker:

Your application for aid for an exploration project in conjunction with other reports available to us in Washington, including a study recently made of the subject property, has been carefully reviewed.

The information, while noting a small amount of marginal ore, indicates that, geologically, there is little likelihood of making a significant mineral discovery. We regret, therefore, to inform you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Program, and for your effort in this respect.

Sincerely yours,

C. O. Mittendorf

J.H. 4-10-52

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer'lm
4/4/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
Q. L. Brewer
Operating Committee

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Acting Administrator, DMEA DATE: March 28, 1952

FROM : Iron and Ferro-Alloy Division, DMEA

SUBJECT: Denial of exploration project in the amount of $75,000.00
Docket No. DMA 2229X - Tungsten
Parker Mining and Milling Company
P.O. Box 202, Barstow, California
White Dollar Claims, Ord Mountains
San Bernardino County, California

The subject application was denied by this Division for the following reasons:

1. Metasediments and metavolcanics have been intruded by granite. Areas of hornfels and tactite were formed in small unrelated areas. Eleven out of 13 samples taken showed less than 0.16 per cent WO_3; one showed 0.32 per cent and one, from the best exposure, showed 0.50 per cent WO_3. The observed tenor of the ore is too low for exploitation.

2. A study of the possibility of increase in grade with depth reveals no reason for believing that any higher grades will be encountered. Only 50 to 100 tons of the 0.50 per cent grade is inferred to exist.

3. The Commodity Divisions of the USGS and the USBM recommend denial, the latter orally.

G. C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

FILE COPY
SURNAME:

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

Acting Administrator, DMEA

March 28, 1952

Brewer
Selfridge
Hulan

Iron and Ferro-Alloy Division, DMEA

Denial of exploration project in the amount of $75,000.00
Docket No. DMA 2229X - Tungsten
Parker Mining and Milling Company
P.O. Box 202, Barstow, California
White Dollar Claims, Ord Mountains
San Bernardino County, California

The subject application was denied by this Division for the following reasons:

1. Metasediments and metavolcanics have been intruded by granite. Areas of hornfels and tactite were formed in small unrelated areas. Eleven out of 13 samples taken showed less than 0.16 per cent WO_3; one showed 0.32 per cent and one, from the best exposure, showed 0.50 per cent WO_3. The observed tenor of the ore is too low for exploitation.

2. A study of the possibility of increase in grade with depth reveals no reason for believing that any higher grades will be encountered. Only 50 to 100 tons of the 0.50 per cent grade is inferred to exist.

3. The Commodity Divisions of the USGS and the USBM recommend denial, the latter orally.

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

QLBrewer'lm
3/28/52

cc: Admn. Reading File
✓ Docket
G. C. Selfridge
Q. L. Brewer

IN REPLY REFER TO:

G-MD-DML

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

March 26, 1952

Memorandum

To: George C. Selfridge, DMEA

From: D. M. Lemmon, U.S.G.S.

Subject: Field Report DMEA 2229 - Tungsten
White Dollar claims
Parker Mining and Milling Co.
Sec. 7, T. 7 N., R. 2 E.
Ord Mountains
San Bernardino Co., California

These claims were examined February 5-8, 1952 by P. C. Bateman and C. D. Rinehart of the Geological Survey. Bateman had also examined the property in 1944 when it was known as the Mayday group.

The examination showed that most of the mineralization is submarginal and the only possible production would be small amounts of sorted ore carrying about 0.5 percent of WO_3. Of 13 samples only two assayed more than 0.16 percent of WO_3, and these two, containing 0.32 and 0.50 percent, represented only a few tons.

The Field Team recommends that the exploration proposals be denied, a decision with which I concur.

Dwight M. Lemmon

1 copy in 400 file.

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

March 10, 1952

Memorandum

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 14 1952

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2229X (Tungsten) - Ord Mountain Mining District, San Bernardino County, California.

Reference is made to your undated subject "Review of Application for Exploration Assistance", received in this office on January 23, 1952.

Attached are four copies of a report, "DMEA-2229X, White Dollar Claims, San Bernardino County, California (Tungsten), by C. D. Rinehart and P. C. Bateman, Geologists, U. S. Geological Survey, dated March 7, 1952."

Attached also is the subject docket and the applicant's amended exploration proposal.

The examining geologists conclude that ore exposed on the property is too low grade and is present in insufficient quantity for profitable exploitation. Although other scheelite-bearing masses similar in grade to those already explored might be found through further exploration, no reason is known for believing that ore of higher grade would be found. They recommend refusal of both the original loan request and the amending proposal for exploration.

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

Attachments

Copy to E. H. Bailey, USGS

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 2229 WHITE DOLLAR CLAIMS
San Bernardino County, California

(Tungsten)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 14 1952

C. D. Rinehart, Geologist

P. C. Bateman, Geologist

U. S. Geological Survey

March 7,1952

Reviewed by
DMEA OPERATING COMMITTEE

3-19-52
(JB) (date)

Conclusions and recommendations

Sample assays show that none of the places prospected for scheelite on the White Dollar claims contains enough tungsten for profitable exploitation. Only two assays (those of samples no.'s 7 and 10, which assayed 0.32 and 0.50, respectively) exceeded o.16 percent WO_3. Examination under ultra-violet light and the assay results of nearby samples prove that the extent of ore of the grade represented by each of these samples is small.

Further exploration might result in finding other scheelite-bearing masses similar in grade to those already explored, but no reason is known for believing that ore of higher grade would be found. In view of this consideration we see little hope for developing an adequate source of tungsten ore at the White Dollar prospect to supply the mill recently constructed by the Parker Mining and Milling Corporation at Barstow. We recommend refusal of both the original loan request and of the amended proposal for exploration contained in a letter from the applicant addressed to Mr. H. C. Miller, and which is included with the docket.

Introduction

The White Dollar tungsten prospect was examined at the request of the Defense Minerals Exploration Administration, following an application by the Parker Mining and Milling Corporation of Barstow, California for government participation in a $75,000 exploration and development program. In making the examination P. C. Bateman and C. D. Rinehart of the Geological Survey spent February 5-8, inclusive, preparing a geologic map of the prospect area and sampling the best tungsten showings.

The prospect is in San Bernardino County, California, 17.5 airline miles southeast of the town of Barstow. The property consists of three claims near the base of the north slope of Ord Mountain, in the NE. ¼ sec. 7, T. 7 N., R. 2 E., SBBM. It is reached from U. S. Highway 66 at Daggett by sixteen and one-half miles of gravel road.

Tungsten was first recognized in the area in 1942 by J. W. McGalliard of Daggett who located six claims, known as the Mayday group, across the site now occupied by the White Dollar claims. In 1943, Aztec Mines Inc., one of several subsequent lessees, shipped 18 tons of ore from the shaft in the south part of the area to the Metals Reserve stockpile at Parker, Arizona. McGalliard reported to Bateman, who visited the property briefly in 1944, that this ore contained 0.51 percent WO3. With the increased price for tungsten in 1950-1951 the area was relocated by J. R. McInerny as the White Dollar claims. In May 1951 these claims were leased by the Parker Mining and Milling Corporation, which has in turn recently subleased the areas of the three main tungsten showings to lessees.

Workings consist of 90 feet of underground level workings, which are accessible through a 40-foot inclined shaft; an open cut 7 feet wide and 60 feet long, with an 11-foot shaft at the west end of the cut; a trench 30 feet long, 5 feet wide; and 5 feet deep; and numerous prospect pits.

Geology

Scheelite, the only tungsten-bearing mineral known to be present, is in garnet-epidote tactite masses, which occur with a series of interstratified metasedimentary and metavolcanic rocks. Granite has intruded the metamorphic sequence. The metamorphic rocks have been described by Gardner as "Triassic undifferentiated andesite lavas and tuffs", and the intrusive rock as "late Jurassic hornblende quartz monzonite" 1/.

On the accompanying map the metamorphic rocks are divided into three units: calcareous hornfels, acid metavolcanics, and metasediments. Bedding in the metasediments and banding in the metavolcanics are concordant; both strike N. 15°-25° W., and dip 60°-80° southwest. Cleavage is well developed in both the metavolcanic and metasediments and everywhere observed is parallel to banding or bedding. The metasediments are largely covered with mantle, whereas the metavolcanics apparently are more resistant to weathering and are comparatively well exposed. Of four scheelite-bearing areas that have been prospected, three are in the zone of mixed metavolcanics and metasediments. Outcrops of the poorly exposed metasediments in this zone are shown on the map and include light- and dark-colored hornfels, tactite marble, mica schist, and quartzite.

The continuity of the four stratigraphic units mapped appears to exclude important cross-faulting. Nevertheless, within the zone of mixed metasediments and metavolcanic individual beds are difficult to trace. One quartzite unit was mapped along the strike for about 200 feet, but no other metasedimentary bed was mapped for more than a few feet. In part, the difficulty in tracing individual beds results from the poor exposures, but this factor does not explain all discontinuities in the beds. For example, the tactite exposed in the open cut appears to be continuous beneath alluvium with tactite exposed 300 feet farther north, but north of this last exposure no tactite was found, even though outcrops are sufficiently abundant for it to have cropped out if it were present. Two other factors may contribute to the apparent lack of continuity of individual beds: minor crossfaulting or lithologic variations in the individual beds. Lithologic variation may result either from original composition differences or from differences in the degree of metamorphism. Cross faults of probably small displacement were mapped in the inclined shaft level and similar faults may

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1/ Gardner, D. L., Geology of the Newberry and Ord Mountains, San Bernardino County, California: Calif. Jour. of Mines and Geol., vol. 36, no. 3, pp. 257-292, July, 1940.

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occur in other parts of the area.

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(1) Where the tactite body is exposed in the open cut it is 50 feet in outcrop width. Probably its strike length, parallel to the bedding, is at least 400 feet. The southernmost exposure is in the small prospect pits 100 feet south of the open cut; northward the tactite is assumed to be continuous beneath alluvium with the tactite outcrop 300 feet due north of the open cut. Under ultra-violet light scheelite appears most abundant in the open cut, where it is distributed sporadically. Only a few grains of scheelite were seen in the pits south of the open cut, and the outcrop 300 feet north of the open cut appeared completely barren.

(2) Most of the rock exposed in the inclined shaft level is barren hornfels, but near the foot of the shaft, and ore shoot occurs in hornfels where it is in contact with coarsely crystalline white marble. This shoot is about 2 feet wide and is exposed along the drift for about 20 feet. At both ends of the exposure the scheelite content is less. The shoot is parallel with the bedding, which here appears to dip steeply northeast. A few large scheelite grains that are exposed near the end of the north branch of the level may represent a continuation of the zone near the bottom of the shaft. The surface above the shaft level is covered by debris from bulldozing, but good ore is reported to have been exposed in a small open cut dug almost directly over the ore shoot exposed underground. A small body of tactite is exposed 150 feet north of the collar of the shaft, but it contains only a few scattered scheelite crystals.

(3) In the trench, scheelite grains are sparsely disseminated through light-colored hornfels and a small body of tactite. The best ore is exposed for about 3 feet along the margin of a band of metavolcanics in a zone about one-foot thick. Exposures in the area surrounding the trench are

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2/ Gardner, D. L., op. cit., Plate II

sufficiently good to indicate that the scheelite-bearing rock is virtually confined to the trench area. Inasmuch as the trench is dug along the contact with granite it seems most likely that the contact, rather than bedding, governs the scheelite distribution.

(4) The prospect pits west of the trench were dug in light-colored hornfels containing a few scattered grains of scheelite. The best ore observed under ultra-violet light is in muck excavated from one of the pits.

Sampling

Twelve chip samples and one grab sample (WD-13), collected from the best scheelite showings, were assayed by the Hydrometallurgical and Ore-Dressing Branch, U. S. Bureau of Mines, at Reno. Sample localities are shown on the accompnaying map; assays and widths of the samples are tabulated below:

Sample No.	Width in feet	%,WO3
WD-1	5	0.15
WD-2	12	0.16
WD-3	9	*0.01
WD-4	7	0.08
WD-5	6	*0.01
WD-6	5	*0.01
WD-7	6	0.32
WD-8	5	*0.01
WD-9	12	0.13
WD-10	2	0.50
WD-11	4	*0.01
WD-12	4	*0.01
WD-13	(grab, about 10 lbs.)	0.01

* Less than

Only five samples contain more than 0.10 percent WO3, and of these only 2 (WD-7 and WD-10) have a WO3 content greater than 0.16 percent. Sample WD-7, taken from the open cut, includes a zone about one foot across which, in ultra-violet light, exhibits a much higher concentration of scheelite than the rest of the rock exposed in the open cut. Sample WD-10 was cut from the best scheelite showings observed in the shaft level. The assay of this sample, however, represents only a small tonnage of ore, probably on the order of 50 to 100 tons.

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 2229 WHITE DOLLAR CLAIMS
San Bernardino County, California

(Tungsten)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
CLEARED
MAR 14 1952

C. D. Rinehart, Geologist

P. C. Bateman, Geologist

U. S. Geological Survey

March 7, 1952

Reviewed by
DMEA OPERATING COMMITTEE
3-19-52
(JHB) (date)

Conclusions and recommendations

Sample assays show that none of the places prospected for scheelite on the White Dollar claims contains enough tungsten for profitable exploitation. Only two assays (those of samples no.'s 7 and 10, which assayed 0.32 and 0.50, respectively) exceeded 0.16 percent WO_3. Examination under ultra-violet light and the assay results of nearby samples prove that the extent of ore of the grade represented by each of these samples is small.

Further exploration might result in finding other scheelite-bearing masses similar in grade to those already explored, but no reason is known for believing that ore of higher grade would be found. In view of this consideration we see little hope for developing an adequate source of tungsten ore at the White Dollar prospect to supply the mill recently constructed by the Parker Mining and Milling Corporation at Barstow. We recommend refusal of both the original loan request and of the amended proposal for exploration contained in a letter from the applicant addressed to Mr. H. C. Miller, and which is included with the docket.

Introduction

The White Dollar tungsten prospect was examined at the request of the Defense Minerals Exploration Administration, following an application by the Parker Mining and Milling Corporation of Barstow, California for government participation in a $75,000 exploration and development program. In making the examination P. C. Bateman and C. D. Rinehart of the Geological Survey spent February 5-8, inclusive, preparing a geologic map of the prospect area and sampling the best tungsten showings.

The prospect is in San Bernardino County, California, 17.5 airline miles southeast of the town of Barstow. The property consists of three claims near the base of the north slope of Ord Mountain, in the NE. ¼ sec. 7, T. 7 N., R. 2 E., SBBM. It is reached from U. S. Highway 66 at Daggett by sixteen and one-half miles of gravel road.

Tungsten was first recognized in the area in 1942 by J. W. McGalliard of Daggett who located six claims, known as the Mayday group, across the site now occupied by the White Dollar claims. In 1943, Aztec Mines Inc., one of several subsequent lessees, shipped 18 tons of ore from the shaft in the south part of the area to the Metals Reserve stockpile at Parker, Arizona. McGalliard reported to Bateman, who visited the property briefly in 1944, that this ore contained 0.51 percent WO_3. With the increased price for tungsten in 1950-1951 the area was relocated by J. R. McInerny as the White Dollar claims. In May 1951 these claims were leased by the Parker Mining and Milling Corporation, which has in turn recently subleased the areas of the three main tungsten showings to lessees.

Workings consist of 90 feet of underground level workings, which are accessible through a 40-foot inclined shaft; an open cut 7 feet wide and 60 feet long, with an 11-foot shaft at the west end of the cut; a trench 30 feet long, 5 feet wide, and 5 feet deep; and numerous prospect pits.

Geology

Scheelite, the only tungsten-bearing mineral known to be present, is in garnet-epidote tactite masses, which occur with a series of interstratified metasedimentary and metavolcanic rocks. Granite has intruded the metamorphic sequence. The metamorphic rocks have been described by Gardner as "Triassic undifferentiated andesite lavas and tuffs", and the intrusive rock as "late Jurassic hornblende quartz monzonite" 1/.

On the accompanying map the metamorphic rocks are divided into three units: calcareous hornfels, acid metavolcanics, and metasediments. Bedding in the metasediments and banding in the metavolcanics are concordant; both strike N. 15°-25° W., and dip 60°-80° southwest. Cleavage is well developed in both the metavolcanic and metasediments and everywhere observed is parallel to banding or bedding. The metasediments are largely covered with mantle, whereas the metavolcanics apparently are more resistant to weathering and are comparatively well exposed. Of four scheelite-bearing areas that have been prospected, three are in the zone of mixed metavolcanics and metasediments. Outcrops of the poorly exposed metasediments in this zone are shown on the map and include light- and dark-colored hornfels, tactite marble, mica schist, and quartzite.

The continuity of the four stratigraphic units mapped appears to exclude important cross-faulting. Nevertheless, within the zone of mixed metasediments and metavolcanic individual beds are difficult to trace. One quartzite unit was mapped along the strike for about 200 feet, but no other metasedimentary bed was mapped for more than a few feet. In part, the difficulty in tracing individual beds results from the poor exposures, but this factor does not explain all discontinuities in the beds. For example, the tactite exposed in the open cut appears to be continuous beneath alluvium with tactite exposed 300 feet farther north, but north of this last exposure no tactite was found, even though outcrops are sufficiently abundant for it to have cropped out if it were present. Two other factors may contribute to the apparent lack of continuity of individual beds: minor crossfaulting or lithologic variations in the individual beds. Lithologic variation may result either from original composition differences or from differences in the degree of metamorphism. Cross faults of probably small displacement were mapped in the inclined shaft level and similar faults may

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1/ Gardner, D. L., Geology of the Newberry and Ord Mountains, San Bernardino County, California: Calif. Jour. of Mines and Geol., vol. 36, no. 3, pp. 257-292, July, 1940.

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MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of San Bernardino, State of California, described in a certain Exploration Project Contract dated November 5, 1951, between Parker Mining & Milling Company, Inc., Docket No. DMA-2229, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated Sept. 5 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 25th day of February, 1952.

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

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J. Roy M. Downey

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Dated this 25th day of February, 1952

J. Ray McSwing

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

CANCELLATION OF LEASE AND OPTION TO PURCHASE

W I T N E S S E T H:

That certain agreement and contract dated the 11th day of April, 1951, by and between J. Ralph McInerny of San Bernardino, California, as lessor, and H. T. Parker of Kahuenita, Arizona, as lessee, and as of this date Sept 5th 1951

By mutual agreement between the lessor and lessee that certain Lease and Option to Purchase is now cancelled and becomes null and void and is superseded by a new agreement between J. Ralph McInerny and the Parker Mining and Milling Company, a corporation, which will become immediately effective without loss of time.

J. Ralph McInerny
Lessor

ACCEPTED

H. T. Parker
Lessee

STATE OF CALIFORNIA)
) ss
COUNTY OF SAN BERNARDINO)

On this 5th day of September, 1951, before me, _____, a Notary Public in and for said County and State, personally appeared J. Ralph McInerny and H. T. Parker, whose names are subscribed to, and who executed the within instrument and acknowledged to me that they 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.

James C. Thomson
Notary Public in and for said County and State.

JAMES C. THOMSON, NOTARY PUBLIC
In and for the County of San Bernardino, State of California
My Commission Expires May 23, 1954

LEASE AND OPTION TO PURCHASE

THIS AGREEMENT entered into this 5th day of September, 1951, by and between J. Ralph McInerny, hereinafter referred to as lessor, and Parker Mining & Milling Company, Inc., a corporation, hereinafter referred to as lessee,

W I T N E S S E T H:

That for and in consideration of the sum of Ten Dollars ($10.00) lawful money of the United States, receipt of which is hereby acknowledged, and also in consideration of royalties, covenants and agreements hereinafter expressed to be paid, kept and performed, the lessor does hereby lease to the lessee, with option to purchase, the following described mining property or mining claimssituated in the Ord Mountain Mining District, in the County of San Bernardino, State of California, to wit:

> Three unpatented mining claims respectively known as the White Dollar Mining Claim No. 1, book 317, page 155; White Dollar Mining Claim No. 2, book 317, page 157; White Dollar Mining Claim, book 317, page 152. And Amended Location White Dollar No. 1, book 319 page 46; White Dollar No. 2, book 319 page 47; White Dollar, book 319 page 48 now known as the White Dollar group of mining claims.

The above claims are recorded in the County Recorder's office, San Bernardino, California, and consist of approximately 60 acres more or less.

Lessee agrees to start work not later than May 25, 1951, and to work continuously and develop said property in the usual manner as necessary to good and economical mining, with due regard to the safety, development and preservation of said premises as a workable mining property. To work and mine said premises steadily and continuously from, on or before May 25, 1951, and to perform at least sixty miner shifts of eight hours each per thirty days or each month.

To well and sufficiently timber said mine at all places where proper and to repair and replace old timber wherever it may become necessary.

To allow the lessor and his agents to enter upon and into all parts of said mine for the purpose of inspection at all reasonable times when such inspections shall not interfere with nor interrupt normal progress of mining or development work. To occupy and hold all cross or parallel lodes, dips, spurs, feeders, crevices, or mineral deposits of any kind which may be discovered in work under this lease as the property of the said lessor, with privilege to said lessee to work the same as an appurtenance of said demised premises during the term of his lease; and to not locate or record the same, or allow the same to be located or recorded, except in the name of saidlessor. And to allow said lessor right of way or road easement over White Dollar No. 1 and White Dollar Claim No. 2 for the purpose of making accessible adjacent claims.

To keep books of account showing the amount of ores extracted from the said mine, the amount of ore shipped, sold or treated, and the amount of money received from the sale of ores or the values extracted therefrom; that from and out of the values obtained from the ores so extracted and reduced, treated, sold, shipped or otherwise disposed of, said lessee will pay to said lessor ten per cent (10%) of the gross mill returns. In arriving at gross returns, transportation from mine to mill shall be allowed; that a duplicate of all mill returns shall be furnished by the said lessee to the said lessor; and that said books of account shall be open at all reasonable times to the said lessor and his representatives.

Lessee agrees to carry compensation insurance covering all workmen against loss or damage by reason of injuries arising out of and in the course of their employment upon said mining property and agrees to operate said property in a proper and miner-like manner and in all respects in conformity with Federal, State and County laws, ordinances and regulations. The said lessee shall have posted at all times in a conspicuous place on each of the mining claims herein agreed to a notice in writing that the lessor will

not be responsible for indebtedness for labor, materials, machinery or mechanics leans created by said lessee in connection with the work in operation of said property during existence of this agreement.

Lessee agrees to pay, at least five (5) days before delinquency, any and all taxes, assessments and imposts which may hereafter be levied against the property or any improvements placed by lessee on said property, as well as any taxes or assessments against recovered ore.

Time is the essence of this agreement. All interest and rights of lessee in and to the property hereunder and in and to this agreement shall be subject to forfeiture in the event of any default on his part in the performance of any one or more of the covenants and agreements herein contained on his part to be performed, at the option of the lessor; provided, however, that such default shall continue beyond the expiration of thirty (30) days after the receipt of written notice, the lessor may cancel this agreement which becomes null and void without further notice. All payments made hereunder shall be forfeited to lessor as liquidated damages. Lessee shall have no further right to said property or to purchase same and shall surrender peacefully, possession thereof without process of law.

This lease and option is for a period of two years from April 11, 1951, until April 11, 1953, unless terminated according to other provisions of said agreement. Lessee shall have the right to purchase said property at a price of Thirty-seven thousand five hundred dollars ($37,500.00) any time during the life of this lease, less the amounts paid to the lessor in royalties during the life of this agreement. It is hereby agreed that the lessor will grant an additional two years to the lessee, provided all of the above conditions of this agreement have been fulfilled, for a total price of Seventy-five thousand dollars ($75,000.00).

Labor strikes, mine accidents, war, weather conditions beyond control, or acts of Providence generally which may temporarily prevent the lessee from carrying out the full terms and conditions of this agreement shall not be construed as a wilfull violation or default on the part of the lessee but proper allowances therefor shall be made in carrying out, construing and enforcing the obligations of the lessee hereunder.

The entire contract between the parties hereto is written herein and neither party shall be bound by any agreement, understanding, condition or otherwise except as herein expressly stipulated.

The parties hereto bind themselves, their heirs, executors, administrators and assigns for the faithful performance of this agreement and contract; the provisions thereof, including all the privileges and obligations created thereby, shall inure to the benefit of and be binding upon their heirs, executors, administrators and assigns.

IN WITNESS WHEREOF, the said lessor has caused this lease to be executed this 5th day of September, 1951, and lessee, as duly authorized officers of the Parker Mining and Milling Co., a Corporation, have hereunto set their hands, and seal, all as of the day and year first above written.

J. Payne McTimmy
Lessor

PARKER MINING AND MILLING COMPANY

By Frank A. Parker
President

By H. T. Parker
Secretary

as LESSEE

STATE OF CALIFORNIA)
) ss
COUNTY OF SAN BERNARDINO)

On this 5th day of September, 1951, before me, J. Ralph McInerny, personally appeared, whose name is subscribed to, and who executed 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.

James C. Thomson
Notary Public in and for said County and State.

STATE OF CALIFORNIA)
) ss
COUNTY OF SAN BERNARDINO)

On this 5th day of September, 1951, before me James C. Thomson, a Notary Public in and for the County of San Bernardino, State of California, personally appeared Frank A. Parker, known to me to be the President of the Parker Mining and Milling Co., a corporation, that executed the within Instrument as ~~Second Party~~, and acknowledged to me that such corporation executed the same.

WITNESS my hand and official seal.

James C. Thomson
Notary Public in and for said County and State.

STATE OF CALIFORNIA)
) ss
COUNTY OF SAN BERNARDINO)

On this 5th day of September, 1951, before me, James C. Thomson, a Notary Public in and for the County of San Bernardino, State of California, personally appeared H. T. Parker, known to me to be the Secretary of the Parker Mining and Milling Co., a corporation, that executed the within Instrument as ~~Second Party~~, and acknowledged to me that such corporation executed the same.

WITNESS my hand and official seal.

James C. Thomson
Notary Public in and for said County and State.

FRANK A. PARKER
PRESIDENT

JAMES L. PORTER
VICE PRESIDENT

H. T. PARKER
SECRETARY-TREASURER

Parker Mining & Milling Company

BARSTOW, CALIFORNIA

P. O. BOX 202
PHONE 3386

Refer to	Noted	Date
Answered		

25 February 1952

Mr. H. C. Miller, Executive Officer
Defense Minerals Administration
Region III
870 Market Street, Room 1012
San Francisco, California

Re: Docket No. DMA 2229X
Tungsten White Dollar
Claims
San Bernardino County,
California

Dear Sir:

I have been advised that I may make re-application for DMA assistance, by letter to you.

I would like to have seven exploration cuts made in the inclined shaft zone. These cuts would be fifty (50) feet apart, with four (4) located north of the shaft, and three (3) south of the shaft. These exploration cuts would be two hundred (200) feet in length, and twelve (12) feet in width. The depth of each cut would be determined by the type of material encountered in each cut.

Four exploration cuts of the same dimensions to be made in the area north of the inclined shaft zone and the trench zone. These cuts would be one hundred (100) feet apart.

The open cut zone would have four (4) exploration cuts of the same dimensions located a distance of fifty (50) feet apart trending east-west, with two cuts to be north of the cut and two cuts south of the cut. These cuts would include the area of the northwest prospect pit zone.

Three (3) exploration cuts of the same dimensions and located a distance of fifty (50) feet apart to be cut in the trench zone.

Three (3) exploration cuts of the same dimensions to be located a distance of one hundred (100) feet apart, to be cut in the area south of the southern most cut of the inclined shaft zone.

FRANK A. PARKER
PRESIDENT

JAMES L. PORTER
VICE PRESIDENT

H. T. PARKER
SECRETARY-TREASURER

Parker Mining & Milling Company

BARSTOW, CALIFORNIA

P. O. BOX 202
PHONE 3386

Cost breakdown for the program is as follows:

$10,752.00	rental for one D-8 Caterpiller Bulldozer @ $14.00 per Hr. for a period of four months.....	$10,752.00
$800.00	rental for one compressor @ $200.00 per month for a period of four months....	800.00
$2,800.00	wages for one air hammer man and one maintenance man @ $350.00 per month for a period of four months.....	2,800.00
$1,600.00	Wages for supervision of project @ $400.00 per month for four months.....	1,600.00
$2,800.00	for fuel, oil, bits, and drill steel for drilling operations.....	2,800.00
$600.00	for dynamite, fuse, and caps for blasting operations @ $150.00 per month for four months.....	600.00
$480.80	for transportation expenses for transporting men and materials to and from site @ .08¢ per mile @ $4.80 per day for a period of 96 days, based on four months operations.....	480.80
	Grand Total..	$19,832.80

It is difficult to make an exact cost determination for each exploration cut due to the variation in the materials encountered in different zones of White Dollar Claim.

If this loan is granted, and any extra time and money is left, it is requested that said time and money be permitted to be spent on making an exploration cut on White Dollar No. 1, as this site has shown favorable scheelite deposits in several small exploration cuts.

FRANK A. PARKER
PRESIDENT

JAMES L. PORTER
VICE PRESIDENT

H. T. PARKER
SECRETARY-TREASURER

Parker Mining & Milling Company

BARSTOW, CALIFORNIA

P. O. BOX 202
PHONE 3386

I hope that this loan is approved as we think we have the most favorable low-grade scheelite deposit in the area.

This showing plus the fact that we have in operation a modern forty (40) ton mill located only twenty-six (26) miles from the White Dollar Claim, gives us a decided advantage for the operation and production of scheelite.

It might be noted that this deposit is extremely low in molybdenum and other impurities encountered in most scheelite deposits.

All of the lease requirements between the Parker Mining and Milling Corporation and the lessee's clearly state that any and all exploration and/or development work may be so done at any time and with the full cooperation of the lessee's.

I have signed and forwarded six (6) copies of the Landlord's Subordination Agreement, form MF 202, to the Department of the Interior, Defense Minerals Administration, Iron and Ferro-Alloy Division as of this date.

Thank you for your time and consideration in helping us expedite this matter.

Sincerely yours,

Frank A. Parker

Frank A. Parker

FAP:edl

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BUREAU OF MINES
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1958 FEB 25 PM 2:27

SAN FRANCISCO, CALIFORNIA

FRANK A. PARKER
PRESIDENT

JAMES L. PORTER
VICE PRESIDENT

H. T. PARKER
SECRETARY-TREASURER

Parker Mining & Milling Company

BARSTOW, CALIFORNIA

P. O. BOX 202
PHONE 3386

February 25, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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FEB 2 1952

United States Department of the Interior
Defense Minerals Administration
G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division
Washington 25, D. C.

RE: Docket No. DMA-2229X-Tungsten
White Dollar Claims
San Bernardino County, Calif.

Dear Sir;

Enclosed please find a copy of the mining lease and the six forms of MF-202, Landlord's Subordination Agreement.

Thanking you for your patience and attention,

Sincerely yours,

Frank A. Parker

FAP:bp

Frank A. Parker

400

FILE COPY
SURNAME:

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

JAN 22 1952

Parker Mining and Milling Corporation
P.O. Box 202
Barstow, California

Re: Docket No. DMA 2229X - Tungsten
Ord Mountain Mining District
San Bernardino County, California

Gentlemen:

After a study of your application of November 5, 1951, for an exploration loan, we find that the larger part of the loan requested is for expansion and production rather than exploration. This loan could only be granted by the Defense Materials Procurement Agency after an adequate ore reserve has been proved.

As we believe you have a property that warrants exploration, we are forwarding data to Mr. H. C. Miller, Executive Officer, DMMA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California.

The field team will contact you and make a study of the property, and will confer with you concerning an amendment to your application or a new application for exploration only.

If the exploration work indicates sufficient ore for an operation, then you can make an application for an expansion loan.

Sincerely yours,

C. O. Mittendorf (fw) 1-22-52

Acting Administrator
Defense Minerals Exploration
Administration

TLChapman'lm
1/18/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
T. L. Chapman

George Selfridge, DMEA

January 2, 1952

D. M. Lemmon, U. S. Geological Survey

Exploration application $75,000
Parker Mining and Milling Corporation
Box 202, Barstow, California

DMA 2229 - Tungsten

Property: White Dollar claims
Sec. 7, T. 7 N., R. 2 E.
Ord Mountain, San Bernardino Co., Calif.

This application is a hodge-podge mixture of requests for mill construction, mine and mill equipment, working capital, and exploration.

Parker has under construction a 50-ton mill at Barstow, but has done no work on the mine, which is 27 miles distant. In October 1951 D. M. Lemmon and P. C. Bateman stopped briefly at the mill site and received the impression that the small mill under construction would probably be satisfactory. Our conversation with Mr. Parker, however, showed that he had little knowledge of mining and geology, and was primarily interested in metallurgy. The reputed mineral deposit has not been adequately sampled or mapped, and has not been explored.

The docket is not accompanied by a useful geologic map or assay map. The so-called geologic report by Eugene Lawrence is meaningless. Laurence is in the army, stationed at Camp Irwin north of Barstow, and is apparently not a qualified geologist.

The application states that Parker shipped 20 tons of ore to Black Rock Mining Co. at Bishop on June 12, 1951 and received $798.80. Inasmuch as Black Rock purchases only concentrate at Bishop, this statement is not clear. Parker told Lemmon that he had shipped 14 tons to U. S. Vanadium at Bishop, but had received no payment because the material only contained 0.29 percent of WO_3. The claim that reserves are 100,000 tons proved and 400,000 tons assumed, content of WO_3 0.75 to 1.5 percent, is apparently wishful thinking.

The property has not been examined by the Geological Survey.

It is recommended that the applicant be informed that the majority of the items requested are for production, not exploration, and can be granted only by DMPA after an adequate ore reserve has been proved; also, that the information submitted by the applicant is insufficient to demonstrate any ore reserve.

It is also recommended that the application be referred to the Field Team, San Francisco, requesting that the deposit be examined geologically and check-sampled, and that a recommendation be made as to whether any exploration project is justified.

D M Lemmon

DMLemmon:gt
Copies to: Geehan
Holderer

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BUREAU OF MINES
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SAN FRANCISCO, CALIFORNIA

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

January 15, 1952

Memorandum

To: George Selfridge, D.M.E.A.

From: R. W. Geehan, Bureau of Mines

Subject: Exploration Application $75,000 — DMA 2229
Parker Mining and Milling Corporation — Tungsten
Box 202
Barstow, California

Property: White Dollar Claims
Sec. 7, T. 7N., R. 2E.
Ord Mountain
San Bernardino County, California

I agree with Mr. Lemmon's conclusions and recommendations listed below.

"It is recommended that the applicant be informed that the majority of the items requested are for production, not exploration, and can be granted only by DMEA after an adequate ore reserve has been proved; also, that the information submitted by the applicant is insufficient to demonstrate any ore reserve.

"It is also recommended that the application be referred to the Field Team, San Francisco, requesting that the deposit be examined geologically and check-sampled, and that a recommendation be made as to whether any exploration project is justified."

Robert W. Geehan

RWGeehan:elk

cc: Mr. Geehan
Ferrous M&A
Files
Mr. Katlin
Mr. Selfridge

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BUREAU OF MINES
REGION III
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Form MF-100
(May 1951)

U[redacted] DEPARTMENT OF THE INTER[redacted]
DEFENSE MINERALS ADMINISTRATION

RECEIVED
ADMINISTRATION
WASHINGTON, D. C.

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOV 13 1 37 PM '51

NOT TO BE FILLED IN BY APPLICANT

Docket No. D.M.A. 2229

Date received 11-13-51

Parker Mining and Milling Corporation
Box 202
Barstow, California

Name and address of applicant

Date 11-5-51

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry(ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Frank A. Parker, Box 202 Barstow, California	President "D"	$5,000	$5,000	643.75	0	0	0
H.T Parker, Box 202 Barstow, California	Secretary & Treasurer	$3,000	$5,000	643.75	0	0	0
James C. Porter Alturas, California	Vice-Pres.	$5,000	$40,000	250.0	0	0	0
Dr. R.H. Chapin Barstow, California	- - - - - -	not known	$50,000	362.5	0	0	0
Willard O. Miller Gresham, Oregon	- - - - - -	$10,000	$20,000	250.0	0	0	0
Howard L. Waldon 175W. 93rd St NYC NY	- - - - - -	$5,000	$6,000	125.00	0	0	0
Albert N. Thompson Yermo, California	- - - - - -	not known	not known	62.5	0	0	0
	Total	$28,000	x x x x x	1,100		x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	all stock $now held	$ 1,000 per share	same as (b)	Corp. formed 18 Aug. 51
Preferred stock	$	Not issued in trust eship with the state of California	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	$CaWO_4$	none	none	none	development
2. Quantity of product processed (specify unit of measure and type of process)	concentrate	"	"	"	" "
3. Quantity and grade of product sold or shipped (specify units of measure)	$CaWO_4$ 73.27% WO_3	"	"	"	" "

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mine[illegible]eposit briefly. Accompany the application b[illegible]y available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)	100,000	av. 1.0%	$65.00	85/100	$18.00
Indicated (probable)	500,000	av. ¾%-1% WO_3	$65.00	85/100	$22.00

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

Parker Mining & Milling Co
(Name of company)

By Frank A. Parker
(Signature of authorized official)

11-5-51
(Date)

President
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

DEPARTMENT OF INTERIOR
BUREAU OF MINES
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SAN FRANCISCO, CALIFORNIA

1. Materials produced:

(a) Chief mine & mill product is TUNGSTEN CONCENTRATE
(b) None

2. Name--White Dollar Group (mine), Type of mine--Open Pit strip mine; Parker Mining and Milling Corporation Mill, type of mill--gravity and flotation type of mill. No known old names for mine site.

(a) fifty (50) linear feet of shaft.
(b) one hundred and sixty-seven (167) feet of cross cuts & drifts.
(c) Zero (0) feet.
(d) Two hundred (200) feet of surface cuts exposing ore.

Mine is not flooded nor is there any indication of flooding conditions present. Productivity unlimited.

3. (a) Mine is sixteen and one half (16.5) miles from the town of Daggett, California and is also the same distance from a shipping point which is located at Daggett, California. As noted on form MF 103 question number 12, it is proposed to truck the ore to the Parker Mining and Milling Corporation Mill located on Highway 466 (California) for milling. This mill site would be considered the shipping point for CONCENTRATE ORE.
(b) Mining District----Ord Mountain District.
(c) 7N, section 7, R2E.
(d) San Bernardino, California

4. (a) Property is now under development by the Parker Mining and Milling Corporation.
(b) Lessee, on mining property. Owner of mill site.

5. Very little production as to date. Development work for past six months.
Will be in production upon completion of mill.

6. (a) and (b) are one and the same;

Mining experience as follows:

1 Year as Mill Superintendent at the Victory Metal Company, Colville, Washington.

3 Years as Mill Superintendent at the Highland Surprise Mining Company, Kellogg, Idaho.

Frank A. Parker
Box 202
Barstow, California

6. continued

8 months as Mill Superintendent at the Athletic Mining Company, Safford, Arizona.

6 months as Shift Boss at the Phelps Dodge Concentrator Mill, Morensi, Arizona.

1 Year General Superintendent (both Mine and Mill), Minas De Antimonio, Nogales Sonora Mexico.

1 Year Mill Superintendent at the Minas De Guatamo, Batuc Sonora, Mexico.

1 Year as General Superintendent (Both Mine and Mill) at the Alco Mines, Boise, Idaho.

6 months as Superintendent at the Pacific Coast Mill and Mine, Barstow, California.

Also included in the above: Frank. A. Parker has held many jobs with other mining companies, holding all positions in mines and mills.

Business Experience as follows:

As general superintendent of the above mines and mills, Frank A. Parker was in charge of the purchasing, handling, control, and distribution of equipment and supplies. Management of personnel, and other detailed activities associated with the operation and management of the mining and milling business.

7. See MF 103 question number 16 (a), (b), and (c) with attached literature.

8. See MF 100 question number 8.

9, 10, See MF 100 questions number 9 & 10.

11. Mine now undergoing a program of exploration. Estimated rate of monthly production is one thousand (1,000) tons per month based on a twenty (20) day working month.

12. See form MF-103 question number 22 wherein it is stated that a geological report is attached to said report.

13. See question number 3(a) of this report.

14. See question number 14 (e) of Form MF-102 sheet number two.

15. See question number 13 (b) of Form MF-103 sheet number two.

16. See sheet number four of Form MF-103 question 17 wherein it is stated that work at the mine has been on a development basis and therefore no true recent representative payroll period can be given at this time. Work at the mill has been as a construction basis using construction employees and not mill employees, therefore no true representative payroll can be given at this time.

17. Mill equipment consists of the following:

Mill building 30' x 100' constructed of sheet steel covered wood frame structure.

Course ore bin of 50 ton capacity----------new condition
Grizzly for causing fines to pass through to belt and passing larger ore to crusher----------excellent condition
10"x 12"Universal Jaw crusher----------new condition
42' conveyor belt with drive, etc.----------good condition
14' x 9' fine ore bin----------excellent condition
(75 ton capacity, constructed of 3/8" steel)
6' feeder belt with motor and variable speed drive----------good condition
54" x 42" Ball Mill----------good condition
Lamley Jig----------excellent condition
19' x 2' Dorr Classifier----------good condition
2" Wilfley sand pump----------good condition
5' Allen Cone----------good condition
Distributor----------new condition
6' x 4' Bumper Table----------good condition
9' x 4' Bumper Table----------good condition
14' x 6' Bumper Table----------good condition
2" Wilfley Sand Pump----------TO BE ACQUIRED----------
Concentrate Dryer----------TO BE ACQUIRED----------
Magnetic Separator----------TO BE ACQUIRED----------
6 Cell, No. 18 Special Flotation Cells------TO BE ACQUIRED----
Flotation Dewaterer----------TO BE BUILT----------

Frank A. Parker
Box 202
Barstow, California

ALL OF THE ABOVE EQUIPMENT IS COMPLETE WITH ELECTRIC MOTORS. THIS INCLUDES A MILE OF POWER LINE (440 VOLTS AT MILL WITH 2200 VOLT LINE COMING TO MILL)

DEPARTMENT OF INTERIOR
BUREAU OF MINES
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SAN FRANCISCO, CALIFORNIA

MF-100

17 continued

Mine Equipment

Ingersoll Rand Model 105 air compressor,
complete with storage tank and one 75 HP
gasoline motor----------excellent condition
One, two hundred foot single drum hoist
with motor----------good condition
600 feet of 20 pound mine rail----------good condition
one, fifty ton ore bin with grizzly
covering----------new condition
One, Worthington Model 105 compressor,
complete----------new condition
Two, Cochise jack hammers with water heads---fair condition
100' of air hose----------new condition
100' of water hose----------good condition
1 complete set of tools, including picks, shovels,
bars, drill steel, bits, etc.----------good condition
One, 600 gallon water storage tank----------good condition
Two, mining cars, ¾ ton capacity----------good condition
Three, ore buckets, 1,000 pound capacity-----good condition

18. None.

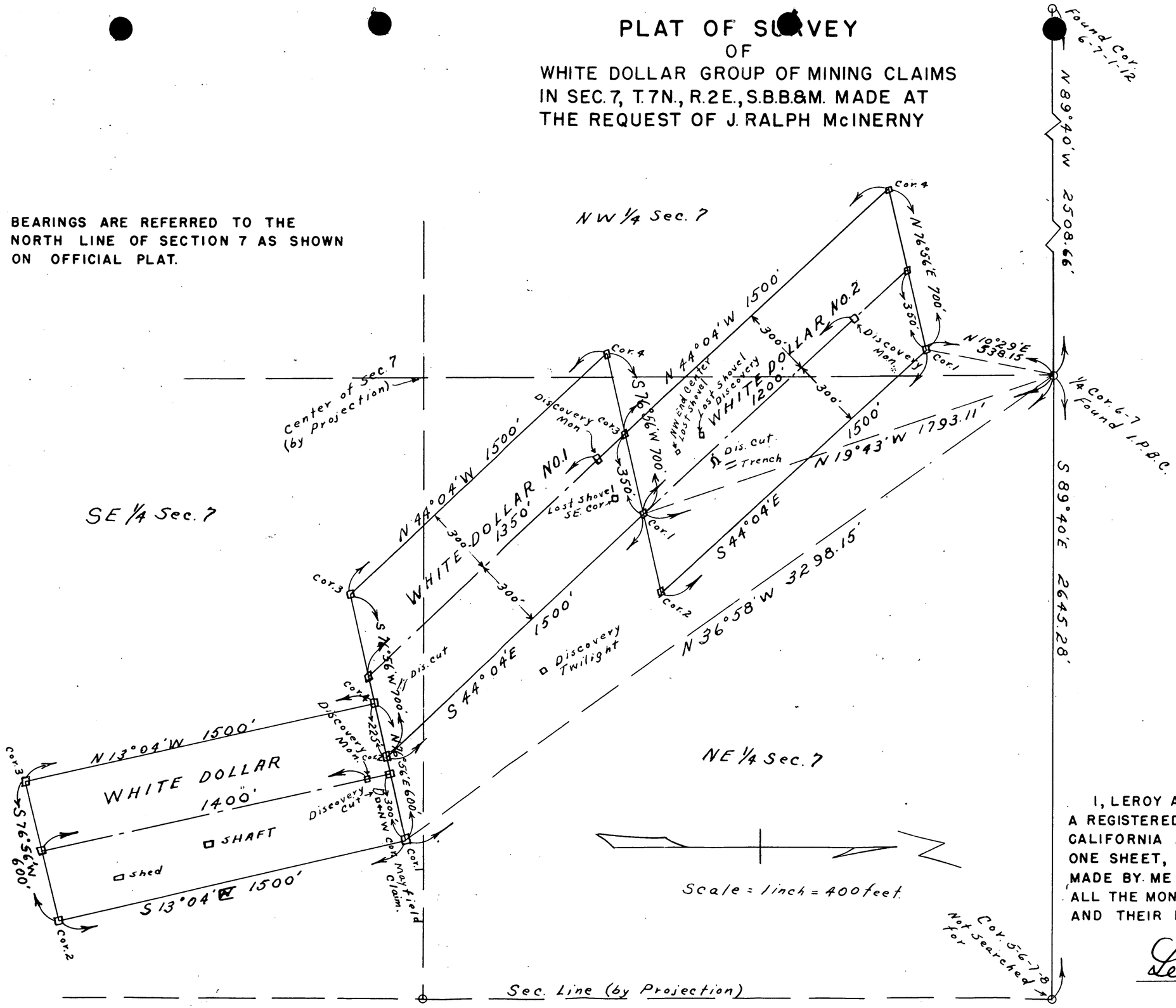
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV
[illegible]

[illegible] 1 [illegible]

SAN FRANCISCO, CALIFORNIA

PLAT OF SURVEY
OF
WHITE DOLLAR GROUP OF MINING CLAIMS
IN SEC. 7, T. 7N., R. 2E., S.B.B.&M. MADE AT
THE REQUEST OF J. RALPH McINERNY

BEARINGS ARE REFERRED TO THE NORTH LINE OF SECTION 7 AS SHOWN ON OFFICIAL PLAT.



I, LEROY A. PALMER, HEREBY CERTIFY THAT I AM A REGISTERED CIVIL ENGINEER OF THE STATE OF CALIFORNIA AND THAT THIS MAP, CONSISTING OF ONE SHEET, CORRECTLY REPRESENTS A SURVEY MADE BY ME ON MAY 8, 9, 15, 22, & 24, 1951 AND THAT ALL THE MONUMENTS SHOWN HEREON ACTUALLY EXIST AND THEIR POSITION ARE CORRECTLY SHOWN.

Leroy A. Palmer

LEROY A. PALMER
REGISTERED CIVIL ENGINEER NO. 3700

DEPARTMENT OF INTER
BUREAU OF MINES
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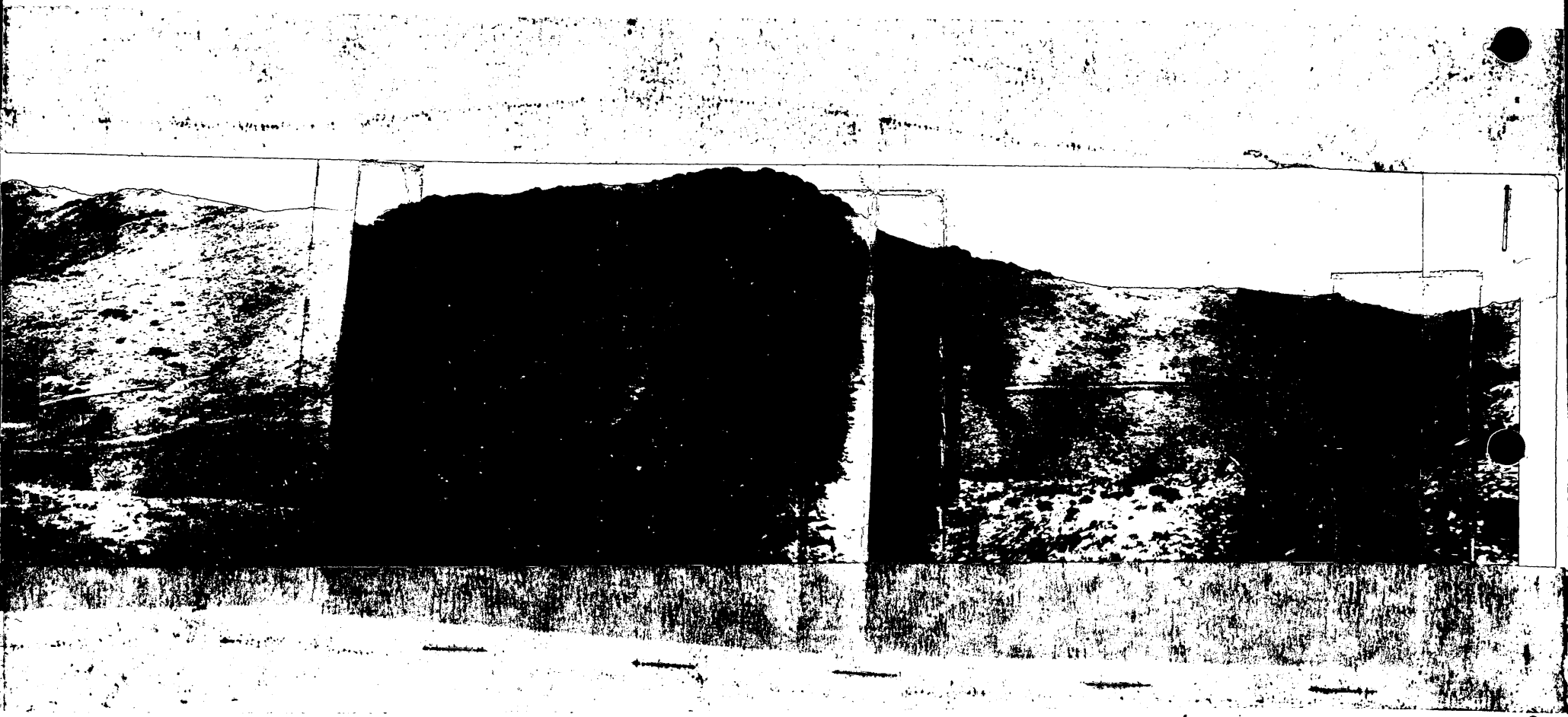
SAN FRANCISCO, CALIFORNIA



Side View of Entire Claim White Dollar. Claim View Looking West. View taken 948 ft from the #2 Corner (See Topo Map)

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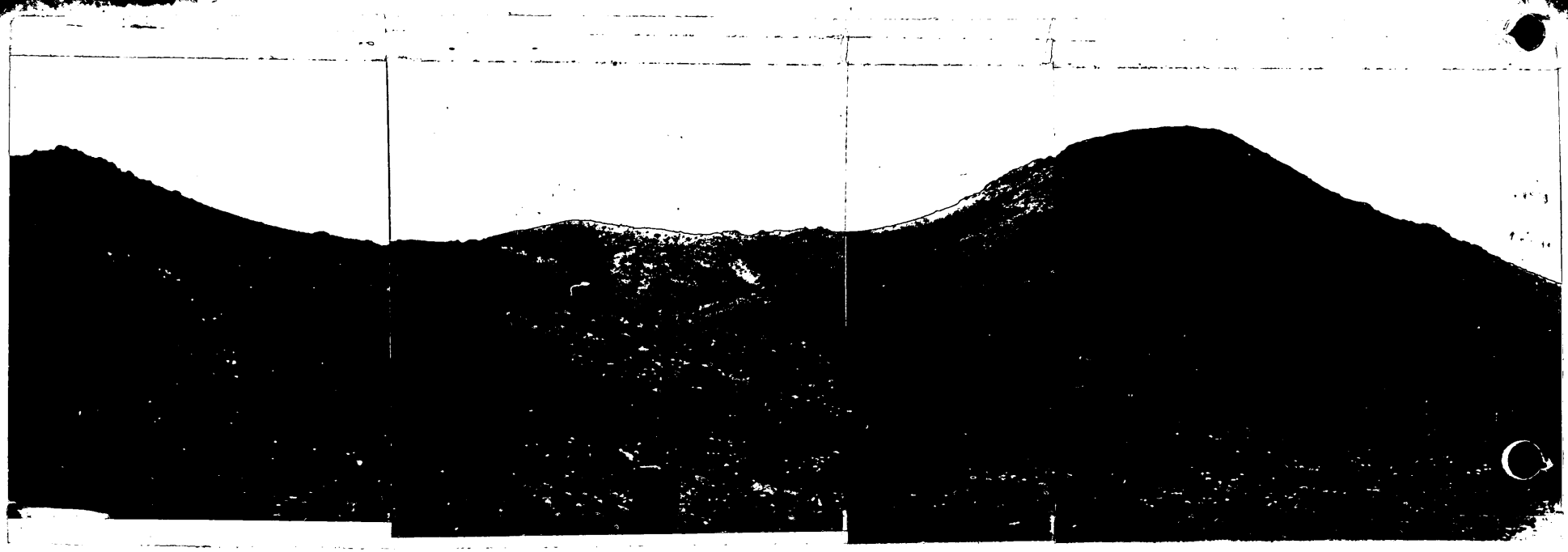
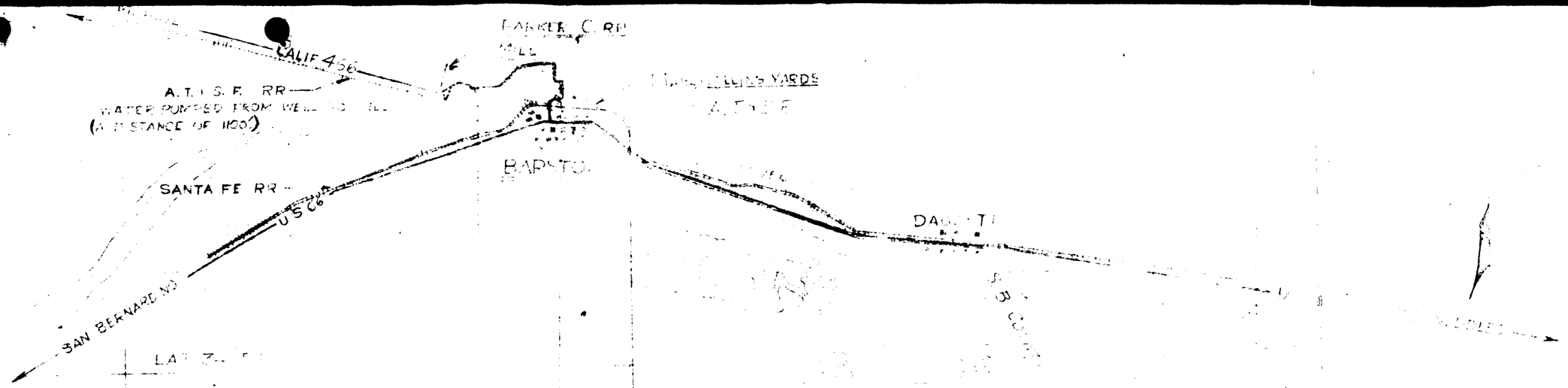


View Looking West taken from a point
1000 ft. Slighty SW of Mine Shaft.

No. 1 taken by


PARKER C. RR
CALIF 466
A.T. & S.F. RR
WATER PUMPED FROM WELL
(DISTANCE OF 1100')
YARDS
A.T.&S.F.
BARSTOW
SANTA FE RR
US 66
SAN BERNARDINO
LAT

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Form MF-103
(April 1951)

U. [redacted] EPARTMENT OF THE INTERI[redacted]
DEFENSE MINERALS ADMINISTRATION

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

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
NOV 13 1 27 PM '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. D.M.A. 2229

Date received 11-13-51

Participation

Parker Mining and Milling Corporation
Box 202
Barstow, California

Name and address of applicant

Date 5 November 1951

FILL IN THIS BLOCK

Date of application 5 November 1951

Estimated cost $75,000

Mineral or metal Scheelite

Percentage of Government participation 66.66%

Location of mine Ord Mt. Mining District
San Bernardino County, California

Date of filing MF-100 5 November 1951

DMA Docket Number, if available none

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 [illegible]ure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lesso[illegible]dinating their interests in the property to the interest of the Government under the contract.

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

*If you have already answ[illegible] of 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.

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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.

Parker Mining & Milling Corporation
(Name of company)

By [illegible] Parker
(Authorized official)

5 November 1951
(Date)

Pre[illegible]

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false state[illegible]n to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

1. Corporation

2. None

3. Frank [illegible] Parker — Box 202 — [illegible], California
President

T[illegible] Parker
Secretary and Treasurer — Box [illegible] — Barstow, California

James C. Porter
Vice-President — Box 6[illegible]6 — [illegible]ture, California

[illegible]illard O. [illegible]iller, — [illegible] 1 — Gerehem, Oregon

R.H. Chapin — [illegible], California

4. All persons who are connected with this company have had an average of 15 (fifteen) years of mining experience.

5. Lessee

6. Inapplicable

7. See copy of attached lease. In good standing.

8. See copy of attached financial statement.

9. 15,000. Yes, it is sufficient to pay the [illegible] of the cost of the Corporation's part as detailed in question 23.

10. (a) Mill property description:
[illegible] west of the E boundary of Sec. 6 [illegible] and on the South boundary of Highway 466. Consists of 2[illegible] acres more or less. Property previously [illegible]rt of the [illegible]terren Ranch.

(b) White Dollar group of claims lies in the [illegible] ½ of Section 7, T7[illegible] of San Bernardino County, California.
See Book 317, page 155, for White Dollar No. 1.
See Book 317, page 157, for White Dollar No. 2.
See Book 317, page 152, for White Dollar No. 3.
And amended location White Dollar No. 1, Book 319 page 45; White Dollar No. 2, book 319, page 47; White Dollar, book 319 page 48 now known as the White Dollar group of mining claims as recorded at the County Recorders Office in the County of San Bernardino, California

Frank [illegible] Parker
Box 2[illegible]
Barstow, Cali[illegible]

11. White Dollar Group. No known previous name to date.

12. With reference to #10(a) (Mill Site) the property is located two (2) miles from the city of Barstow, San Bernardino County, California; one and one-half (1½) miles from the A.T.&S.F. Railroad Station and marshalling yards; twelve hundred (1,200) feet from California State Highway # 466; One and one-half miles from the A.T.& S.F. Railroad shipping point; Zero (0) feet from a trucking shipping point; The directions for the shipping points, direction to the town of Barstow, is South East. The types of roads are Macadam and concrete, and the roads are in first class condition.

With reference to #10 (b) the Mine site is located sixteen and one-half miles from the town of Daggett, San Bernardino County, California in a SE direction from said town. The site is located sixteen and one-half miles from the yards of the A.T.&S.F. yard at Daggett, California. The site is sixteen and one-half miles from U.S. Highway #66. The site is in a SE direction from the above stated locations. The type of road leading from the first class highway, U.S. #66 is a graded dirt road that is a high gear road all of the way from U.S. Highway #66 to the mine. The dirt road is owned by the County of SAN BERNARDINO except for the last two (2) miles of road to the mine site---this last two miles of road was constructed by the operators of the mine site and is in fair condition with little improvement needed to make it equal to the county dirt road. This mine site road is a high gear passenger car road.

13a. The source of water for the Mill Site (reference #10 (a)), is a well situated in the Mohave River bed and is 8' x8' x 30' and is pumped by a three (3) HP electric driven 3" intake 2" discharge centrifical pump which pumps water to the mill site a distance of fourteen hundred (1,400) feet. Sufficient water for operating a five hundred (500) ton mill. River Bed has unlimited water for operation of any milling operations. Water is sufficient for all seasons of the year.

13b. Amount of electrical power to be used is fifty (50) HP. the rate per hour is two and one-half (2½) cents per K.W. The source of power is California Electric Power Company located at Barstow, California.

Frank A. Parker
Box 202
Barstow, California

14. 1. Mill: The Mill is a flotation and gravity table-mill consisting of/or being equipted with the following equipment: (Installed equipment) water storage tank; ore storage hopper(s); fifty (50) ton capacity ball mill, electrically operated belts for moving ore from storage to ball mill; crusher; gravity tables; cones; sand pumps; necessary piping, etc., for present and proposed installations; concrete floor, concrete foundations for equipment; concrete foundation for sheet iron and frame building covering mill. Also included in above-classifier. Jigs. (Proposed equipment) flotation cells; sand pumps; and Denver Mineral Jig; necessary equipment to operate proposed equipment.

2. Laboratory: Portion of equipment necessary for wet-lab now on hand and portion of equipment for a fire assay office on hand.

3. Mine Site: Storage building (10' x 20') sheet iron and wood frame for general storage use; Inclined shaft; head frame; hoist; stationary air compressor; Worthington 105 portable air compressor; jack hammers, drills, air hose, miner's shack; two (2) small sheds; Miscellaneous equipment; road running through mine site; Butane stove, water tanks, etc.

4. Vehicles: Buick (1947) for transportation of personnel; 1941 Weapons Carrier for utility use.

15. Ore sacked at Mill and transported either to railroad terminal for shipment or can be shipped by truck directly from the mill. Milling done by gravity and flotation process and concentrated. Milling to be done at the Parker Mill located as stated in question #10 (a) on page one of this report.

16. (a) Previous exploration consists of several prospect shafts and drifts cut in this site around 1940 and 1941 by parties not now known to the Corporation. Small development on a non-producing gold claim at the site, consisting of drifts and raises. There has been very little production in this zone due to the fact that during the previous years there has not been any mill or smelter close enough to the site to warrant economic consideration. Frank A. Parker has shipped twenty tons of Scheelite ore to the Black Rock Mine Company, Bishop, California on 12 June 1951 which netted said person the sum of $798.80.

(b) None, due to the long freight haul as previously described in Question #16 (a).

(c) See attached statement covering mine examinations, recommended exploration and development and metallurgical

17. Production:

	Tons/day	grade or analysis	cost/ton	net value per ton
(1) Mining	DEVELOPMENT WORK		DEVELOPMENT WORK	
(2) Milling	DEVELOPMENT WORK		DEVELOPMENT WORK	
(3) Shipped or Sold	20 tons as previously stated in question #16 (a)			

18. (a) Ore deposit consists of a metamorphosed limestone containing Scheelite (½ to 1½% content) Very small amount of malachite present. Ore deposit is known to be approximately fifteen hundred (1,500) feet long by two hundred (200) feet wide and extends vertically to an unknown depth. A shaft has been sunk through this deposit for a depth of fifty (50) feet and shows scheelite the entire distance.

(b) See attached maps and assay data.

(c) Estimated tonnage is 100,000 tons of known ore and an estimated 400,000 tons of ore assumed to be at depth beneath known deposit. One class of ore deposit.

19. Inapplicable. Questions previously answered cover conditions and circumstances adequately.

Frank A. Parker
Box 202
Barstow, California

20. Exploration will be conducted for SCHEELITE and any secondary minerals of economic importance that may be commercially recoverable. The deposit is a steeply dipping, metamorphosed limestone bed which has an exposed surface of about two hundred (200) feet in width by fifteen hundred (1,500) feet in length. The bed will be strip-mined until conditions become such that regular shaft and drift mining will be necessary. It is thought that the area can be strip mined for three (3) to four (4) months.

21. Proposed work at the Mine Site:

Four (4) open cuts (100' x 200') at the mine site (see topographical map and long range development plan map for exact locations of the four (4) cuts) to be cut into the ore body for exploration purposes. Development of the mine road for use of heavier type of vehicles than are now presently being used. Construction of sheet iron and wood frame type storage building(s) to store equipment. Construction of a small kitchen and toilet facilities for personnel employed at the mine site. Construction of necessary roads at the mine site for moving equipment over portions of the mine site. PROPOSED LENGTH OF TIME TO COMPLETE EXPLORATION OF MINE SITE TO BE <u>TWO MONTHS</u>.

Mill Site-completion of iron sheet and wood frame construction. Building a small assay office. Procurring equipment to complete a wet-assaying and a fire assaying lab for the above mentioned assay office. Installing larger water line from water source to the mill and installing larger pump for same. Installing Denver Mineral Jig. Install Flotation cells. Sand pumps. Installing dryer and magnetic separator. PROPOSED TIME TO COMPLETE CONSTRUCTION OF MILL TO BE <u>THREE MONTHS</u>.

22. See attached geological report with accompanying papers, maps, and photographs of both mine site and mill site.

Frank A. Parker
Box 202
Barstow, California

23. (a)

6 general construction men at mill for three months - $15.00 per day---------- $5,400.00
1 mechanic for mill for three months at $16.00 per day---------- 960.00
2 miners at mine for two months at $15.00 per day----- 1,200.00
2 muckers at mine for two months at $14.00 per day---- 1,120.00
2 pneumatic tool operators at mine for two months at $16.00 per day---------- 1,280.00
1 maintenance man at mine for two months at $16.00 per day---------- 640.00

(b)

Mill Superintendent, $500.00 per month for 3 months- 1,500.00
Mine superintendent, $500.00 per month for 2 months- 1,000.00
1 Engineer for mine, $500.00 per month for 1 month-- 500.00
1 Assayer for mill, $400.00 per month for 2 months- 800.00

(c)

Improve tool shed at mine site---------- 500.00

(d)

Build dynamite and powder magazine shed at mine------ 500.00
Build assay office at mill site---------- 1,500.00
Build cook shack and chemical toilet facility at mine 1,500.00

(e)

1 sand pump 4" intake x 2" outlet for mill---------- 700.00
3-stage centrifugal pump for increased water supply to mill---------- 1,800.00
Denver Flotation cells for mill---------- 3,000.00
2 jack hammers for mine site use---------- 1,000.00
Additional land for mill (20 acres)---------- 2,500.00
1 Denver Mineral Jig (8 x 12 Duplex)---------- 1,000.00
Laboratory supplies and installation---------- 4,000.00
1 general purpose truck (to be used for both mine and mill purposes)---------- 3,000.00
Hose and pipe for mine (air and water to desired places for exploration work)----------1,000.00

Frank A Parker
Box 202
Barstow, California

25 continued

(f)

Rental of D-8 Bulldozer and operator for two months at $100.00 per day----------$4,000.00
Rental of one Skip-loader and operator for two months at $150.00 per week---------- 1,200.00
Rental of one Worthington 105 air compressor for two months at $200.00 per month---------- 400.00

(g)

All items now on property will be furnished without rental value (charge) by the Corporation----------

(h)

Miscellaneous articles (drill bits, tools, kitchen equipment, first aid kits, compressor repair, etc.)-------- 500.00
Diamond drilling 1,200 feet at $4.00 per foot----------4,800.00
Gasoline and oil for two months---------- 600.00
Water for mine use and haulage fees---------- 500.00
Road improvement for two miles of mine site road----------1,000.00
Insurance coverage---------- 400.00
TOTAL $[illegible],[illegible].00

24.

Time schedule of the project stated in terms of months after project is approved, showing progress expected to be accomplished and the money spent in terms of the above is as follows:

1st month: Obtaining all necessary equipment and making improvements as necessary at the mine site; opening cuts number One and Two; diamond drilling two holes; paying employees, insurance, payment for utilities used for above operations, etc. THIS ESTIMATE FOR MINE EXPLORATION PROGRAM.

Purchasing and installing of all mill equipment listed in question number 23, paying employees, insurance, utilities, etc. THIS ESTIMATE FOR MILL CONSTRUCTION AND COMPLETION.

TOTAL COST FOR THE FIRST MONTH OF BOTH MINE AND MILL---$35,790.00
(Equipment and labor, etc.)

Frank A. Parker
Box 202
Barstow, California

24. continued

2nd and 3rd months: Balance of exploration work at mine site and completing mill.

Total cost for 2nd and 3rd months

To be----------$14,010.00

Frank A. Parker
Box 202
Barstow, California

NOTE:

This paper is not to be taken as a full geological report because such is not the case. This report covers only that areas which is of economic interest to the Parker Mining and Milling Corporation of Baretos, California. Therefore, much of the pure geology has been left out in this paper. It is felt that a true geological report would not serve any purpose that is not covered in this paper and would be only a burden on the reading time required by the reader.

B. Lawrence

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INTRODUCTION

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SAN FRANCISCO, CALIFORNIA

INTRODUCTION

The White Dollar Group is located in Sections 7, and 8, of Township 7N2E, in the county of San Bernardino, California.

The only method of reaching the White Dollar Group is to drive east on Highway U.S. 66 from the city of Barstow and thence to the town of Daggett, a distance of eight (8) miles. Passing through Daggett proceed eastward until the California Check Station is reached and then turn off U.S. 66 southward onto the San Bernardino County graded dirt road which trends southeast into the Ord Mountain Chain. Proceed up the dirt road for twelve miles to an intersection which is marked by a U.S. Land Survey iron stake placed in 1917 and has the following information on the flat portion of the head: T7N2E, Sec. 8 & 9. Take the mine road to the right and proceed for one and one-half miles to the mine site.

There is no cultural development of the area, but the following physical development of the site has been done: one miner's shack is located SE of the mine shaft about one half (½) mile, two (2) storage sheds are located in the area of the miner's shack, S. of the mine shaft is located a large metal clad storage shed which is about twenty X twenty four (20x24) feet in size, a mine shaft about fifty (50) feet deep (with two drifts of twenty-five to thirty (25-30) feet), hoists, winches, air compressors (both stationary, and mobile), ore storage bin, three miles of graded and semi-graded roads, and other miscellaneous works and improvements.

The mine site covers three (3) claims, each of 600 feet by 1,500 feet and joined end to end thus making a site approximately 600 feet wide by 4,500 feet long. See Survey map for exact extent of area.

Briefly stated, the field work was preformed in the following manner: The site was investigated by utilizing ultra-violet light to check for outcrops of the scheelite ore and to check the percentage of the scheelite in the ore body.

Examinations of both hand specimens and of "in place" ore was done by using a hand lens and checking the ore in daylight. Correlation between the ore body and the country rock, dikes, etc., was done by using topographical maps, survey maps, geological maps, and information gathered from previous data of the area. The topographical map(s), and geological map were prepared for this report by the writer.

The reason of making the investigation and writing this report is to provide data for future use of the Parker Mining and Milling Corporation in conjunction with their proposed development of suitable tungsten ore bodies. The White Dollar group of claims is especially high on the agenda of this corporation's development program because of the site's favorable showing of scheelite.

GEOLOGY OF THE WHITE DOLLAR GROUP

GEOLOGY OF THE WHITE DOLLAR GROUP

White Dollar No. One lies in a V shaped, inclined valley of differential erosion. The main portion of White Dollar No. One lies on the eastern slope of this valley.

To the west of the White Dollar Group, a steeply sloping dome-shaped hill composed mainly of granodiorite, diorite, monzonite and metamorphosed limestone, limits the western extent of the scheelite zone. Many prominent dikes lie in parallel arrangement, the general trend being NNE-SSW. On the east side of the hill, the dikes appear to be dipping nearly vertical, while on the western slope the dikes dip more gently in a horizontal direction.

Scheelite is found in small quantities on the eastern slope of the hill in several scattered localities. Occurrence as float and in-place ore is noted.

Starting from the center of the valley and extending eastward for approximately two hundred feet and paralleling the center-line axis of the valley for a distance of 1500 feet, lies a metamorphosed limestone zone of unknown thickness. The limestone is capped by granodiorite of varying thickness. Some residual material is also found on the NNE-SSW slope of the site. The limestone is capped by five to seven feet of granodiorite-diorite on the ridge area at the Northern limits of White Dollar No. One, and by approximately twenty to forty feet at the extreme SW limit.

A mine shaft has been sunk for a total depth of fifty feet in the SE section of White Dollar No. One and the indications at the bottom of the shaft show that a metamorphosed limestone condition exists at that depth as well as near the surface, indicating that the limits of the metamorphosed limestone are definitely at a much greater depth than the fifty feet now exposed by the shaft. The limestone on the footwall at the bottom of the shaft is quite pure, well fractured and shows disseminated scheelite in a .1% to .75% ratio.

Two drifts of 25 to 30 feet in length have been dug in the metamorphosed limestone. One drift trends NE and passes through several small dikes (3" to 10" thick). Scheelite is found in several zones in this drift but not in quantity. The drift that trends NNW shows three favorable scheelite-molybdenum concentrations on the E wall of the drift. A good showing of scheelite is found where the two drifts meet near the shaft. Along the N wall of the shaft, and N walls of the two drifts are found in varying quantities, with the scheelite averaging .5%.

Surface exploration cuts have exposed the scheelite in every zone where a cut was made in the metamorphosed limestone. At the northern limits of White Dollar No. One on the ridge, after removing three feet of overburden, a particularly "hot" zone of scheelite was found which runs up to twenty per cent ore. This "hot" zone extends horizontally for twenty-five to thirty feet with the depth unknown. NE of the mine shaft, an exploration cut was made and the scheelite in this area averages 3/4% to 1 1/4%. Molybdenum is also found in this cut in the same ratio as is found at a depth of fity feet in the mine shaft as previously described. Nearly due E of the mine shaft, a tunnel has been started, following the line of contact between the granodiorite and the metamorphosed limestone, and in the limestone is found very strong showings of scheelite. Scheelite is found in both the granodiorite and metamorphosed limestone. However, the scheelite has of course, the strongest showings in the metamorphosed limestone. The tunnel penetrates the metamorphic rock for a distance of twelve feet and the scheelite has strong showings for the entire distance. The contact zone striked N30E and dips 65° to the NW. The granodiorite and the limestone are both well fractured and show ground water action quite clearly. The fractures have been penetrated in numerous places by roots of the vegetation growing on the surface approximately ten to twelve feet above the tunnel. A small zone of marble exists at the contact.

At the NW corner of White Dollar No. One, and the SW corner of White Dollar No. Two, several cuts have been made on the slope of the hill to the West of the area. These several cuts all have good scheelite showings but seem to be limited by the dikes which separate them. These dikes also trend NNW-SSE the same as the dikes on the eastern side of the site as previously described earlier in this chapter.

The metamorphosed limestone follows a trend around the hill which lies to the SW of the metamorphosed limestone zone. It is believed by the writer that the erosional stream bed that lies to the E of the mine shaft and parallels the limestone and granodiorite series to the E of the shaft was caused by weathering, and erosion along the contact between these two series. This could well be true if the strike and dip were in the same ratio as is found at the tunnel area located in the ~~NW~~ SW zone of White Dollar No. One.

To the West of White Dollar No. One at a distance of approximately eight hundred feet is found a quartz vein about eighty feet in width. This vein alters into quartzite further to the SW. No scheelite has been found in-place on the western side of the vein.

It is also noted that the igneous rock trends from granodiorite on the eastern side of the mine site into a more granitic type of rock on the western side.

It is assumed by the writer that the scheelite zone at White Dollar No. One is the result of hypothermal origin. It is known that scheelite is deposited in high temperature veins, etc., which would lead to the conclusion that this area is not unlike anyother in-so-far as geologic conditions are concerned. Therefore, with the great extent of the scheelite bearing limestone, as seen from surface and subsurface indications, it appears that the limestone extends to considerable depth, and with depth, the scheelite concentration increases.

The scheelite was probably deposited in the following manner: hot ascending magmatic solutions which originated from a cooling and crystallizing magma moved upward, and as the pressure and temperature became less (probably in the order of 300 - 500 degrees centigrade) deposition of the scheelite resulted by con-

bining WO_3 with CaO and liberating CO_2. The CaO plus the WO_3 thus formed $CaWO_4$. The CO_2 combined with the superheated steam and any ground waters present as vapor to form carbonic acid.

Perculating ground water has deposited calcite, and other minerals in the in the fracture cracks of the metamorphosed limestone. Dendritic patterns of manganese dioxide are found throughout the ~~xx~~ area.

The stibnite found directly to the W of the mine shaft, could be atributed to deposition by replacement of the limestone by the last phases of magmatic activities. This is thought to be the case because stibnite is usually ~~depositied~~ deposited by the action of hot springs. Since stibnite is often associated with intrusive rocks and does occur as a replacement in limestone, we may assume that White Dollar No. One had at least one small fissure that was being fed by heated ground water for a short period of time.

ECONOMIC CONSIDERATIONS

ECONOMIC CONSIDERATIONS

The geological features of the site are very favorable for mining purposes because of the previously described topographical features as described in the Geographic Section. It is easily seen that with the ore body outcropping over a large area of the steeply sloping site, that strip mining is by far the cheapest and most rapid means of removing the ore. The method of recovery as planned by the Parker Mining and Milling Corporation will be as follows: The ore body will be drilled with shot holes, dynamited, and the resulting lossened ore will then be skip loaded into dump trucks. It is anticipated that no hoisting of the ore will be necessary for three to four months based on an average removal rate of seventy-five (75) tons per twenty-four hour shift. After this period of three to four months of mining and milling has passed, the mill capacity will be ~~sep~~ stepped up to one hundred (100) tons per day.

Two pits and six exploration holes in addition to the mine shaft and the exposed outcroppings on the ridge (N 13° of the shaft) all show scheelite in favorable concentrations. Of these several pits, and exploration holes, two located east of the mine shaft have rather outstanding characteristics peculiar to themselves: SE of the shaft, a small exploratory hole shows a Stibnite content of .75% along with the 1% $CaWO_4$ content in the metamorphosed limestone. NE of the mine shaft an exploration hole twenty feet long and seven feet deep was cut approximately thirty feet from the mine shaft, and in this hole is found a combination of Molybdenum combined with the scheelite. The Molybdenum concentration is .004% It may be noted that this same combination is found at depth in the north wall of the shaft at a depth of fifty-five feet. Copper as Malachite is found in the area of White Dollar No. One at various and scattered places and the concentration averages .02% Malachite. Gold, is found in the shaft area and at depth, averaging .01γ per ton of scheelite ore. Silver, also found in this area averages 3/10 ounce per ton.

Several wells are in close proximity of the area. Most of these wells will produce ~~g~~ 3-8 gallons per minute under pumping conditions.

The main product to be extracted will of course be scheelite from the White Dollar Group. A secondary recovery of other metals may be undertaken if conditions so warrant their removal for economic reasons.

The estimated value of scheelite as calculated from the surface and sub-surface indications will be on the order of $6,000,000. This figure was derived by calculating the known ore deposit as shown by both the surface indications and indications found in the mine shaft at a depth of 55'. In reaching the six million dollar estimate, the ore body was assumed to contain 1% scheelite in a total of 100,000 tons of ore. The writer feels that the figures are definitely on the conservative side and that in all probability, considering the great areal extent of the ~~deposit~~ deposit, that a figure approaching 400,000 to 500,000 tons is more than a definite possibility.

Diamond drilling of a series of holes in the ore body would give a complete log of the volume and the concentration of scheelite in the ore body. A program of such work has been discussed by the writer and Frank Parker, President of the Parker Mining and Milling Corporation. It was concluded that a series of diamond drilled core holes should be started as soon as possible in order to determine the economic value of the White Dollar No. One, and to also check the ore body at depth for any commercial indications of either (a) veins, lenses, etc., of strategic ores, or (b) underground water which may or may not be a factor to be dealt with in the removal of ore from the site. A minimum of four core holes drilled (see long range ~~development~~ development plan map) would give a good comprehensive log of the ore body. Six core holes would be more favorable for the site's exploration work, and this number of cores is highly recommended by the writer as the number necessary for accurate calculation of commercially recoverable ore.

The Parker Mining and Milling Corporation has designed and is now in the final phases of constructing a mill that contains both gravity tables and flotation

cells for the maximum recovery of scheelite ore. Utilizing both methods of recovery, it is estimated that about 90% recovery will be obtained. Having a mill that has both systems of recovery has the advantage over most western mills of the southwest—and that is this: utilizing floatation and gravity, not only can the present stockpile of ore that the corporation is holding for milling be processed, but any custom milling that may arise from time to time can be taken care of with profitable gains to the corporation.

The trucking route is down grade from the mine to the mill over good surfaces and presents no hardship to the trucking concern who will be employed—thus cutting down the cost of transportation.

A plentiful source of water is available for the mill. This water is pumped from the Mohave River bed and fed through a 2½" line some 1200 feet to the mill.

Eugene D. Lawrence

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BUREAU OF MINES
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1977 JAN 23 PM 1:53

SAN FRANCISCO, CALIFORNIA

LEASE AND OPTION TO PURCHASE

This AGREEMENT entered into this _____ day of _____, 1951, by and between J. Ralph McInerny, hereinafter referred to as lessor, and Parker Mining & Milling Company, Inc., a corporation, hereinafter referred to as lessee,

W I T N E S S E T H:

That for and in consideration of the sum of Ten Dollars ($10.00) lawful money of the United States, receipt of which is hereby acknowledged, and also in consideration of royalties, covenants and agreements hereinafter expressed to be paid, kept and performed, the lessor does hereby lease to the lessee, with option to purchase, the following described mining property or mining claims situated in the Ord Mountain Mining District, in the County of San Bernardino, State of California, to wit:

> Three unpatented mining claims respectively known as the White Dollar Mining Claim No. 1, book 317, page 155; White Dollar Mining Claim No. 2, book 317, page 157; white dollar Mining Claim, book 317, page 152. And amended Location White Dollar No. 1, book 319 page 46; White Dollar No. 2, book 319 page 47; White dollar, book 319 page 48 now known as the White Dollar group of mining claims.

The above claims are recorded in the County Recorder's office, San Bernardino, California, and consist of approximately 60 acres more or less.

Lessee agrees to start work not later than May 25, 1951, and to work continuously and develop said property in the usual manner as necessary to good and economical mining, with due regard to the safety, development and preservation of said premises as a workable mining property. To work and mine said premises steadily and continuously from, on or before May 25, 1951, and to perform at least sixty miner shifts or eight hours each per thirty days or each month.

To well and sufficiently timber said mine at all places where proper and to repair and replace old timber wherever it may become necessary.

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1973 JAN 23 PM 1:53

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To allow the lessor and his agents to enter upon and into all parts of said mine for the purpose of inspection at all reasonable times when such inspections shall not interfere with now interrupt normal progress of mining or development work. To occupy and hold all cross or parallel lodes, dips, spurs, feeders, crevices, or mineral deposits of any kind which may be discovered in work under this lease as the property of the said lessor, with privilege to said lessee to work the same as an appurtenance of said demised premises during the term of his lease; and to not locate or record the same, or allow the same to be located or recorded, except in the name of said lessor. And to allow said lessor right of way or road easement over White Dollar No. 1 and White Dollar Claim No. 2 for the purpose of making accessible adjacent claims.

To keep books of account showing the amount of ores extracted from the said mine, the amount of ore shipped, sold or treated, and the amount of money received from the sale of ores or the values extracted threrfrom; that from and out of the values obtained from the ores so extracted and reduced, treated, sold, whipped or otherwise disposed of, said lessee will pay to said lessor ten per cent (10%) of the gross mill returns. In arriving at gross returns, transportation from mine to mill shall be allowed: that a duplicate of all mill returns shall be furnished by the said lessee to the said lessor; and that said books of account shall be open at all reasonable times to the said lessor and his representatives.

Lessee agrees to carry compensation insurance covering all workmen against loss or damage by reason of injuries arising out of an in the course of their employment upon said mining property and agrees to operate said property in a proper and miner-like manner and in all respects in conformity with Federal, State and County laws, ordinances and regulations. The said lessee shall have posted at all times in a conspicuous place on each of the mining claims herein agreed to a notice in writing that the lessor will

not be responsible for indebtedness for labor, materials, machinery or mechanics leans created by said lessee in connection with the work in operation of said property during existence of this agreement.

Lessee agrees to pay, at least five (5) days before delinquency, any and all taxes, assessments and imposts which may hereafter be levied against the property or any improvements placed by lessee on said property, as well as any taxes or assessments against recovered ore.

Time is the essence of this agreement. All interest and rights of lessee in and to the property hereunder and in and to this agreement shall be subject to forfeiture in the event of any default on his part in the performance of any one or more of the covenants and agreements herein contained on his part to be performed, at the option of the lessor; provided, however, that such default shall continue beyond the expiration of thirty (30) days after the receipt of written notice, the lessor may cancel this agreement which becomes null and void without further notice. All payments made hereunder shall be forfeited to lessor as liquidated damages. Lessee shall have not further right to said property or to purchase same and shall surrender peacefully, possession thereof without process of law.

This lease and option is for a period of two years from April 11, 1951, until April 11, 1953, unless terminated according to other provisions of said agreement. Lessee shall have the right to purchase said property at a price of thirty-seven thousand five hundred dollars ($37,500.00) any time during the life of this lease, less the amounts paid to the lessor in royalties during the life of this agreement. It is hereby agreed that the lessor will grant an additional two years to the lessee, provided all of the above conditions of this agreement have been fulfilled, for a total price of Seventy-five thousand dollars ($75,000.00)

Labor strikes, mine accidents, war, weather conditions beyond control, or acts of Providence generally which may temporarily prevent the lessee from carrying out the full terms and conditions of this agreement shall not be construed as a wilfull violation or default on the part of the lessee but proper allowances therefor shall be made in carrying out, contruing and enforcing the obligations of the lessee hereunder.

The entire contract between the parties hereto is written herein and neither party shall be bound by any agreement, understanding, condition or otherwise except as herein expressly stipulated.

The parties hereto bind themselves, their heirs, executors, administrators and assigns for the faithful performance of this agreement and contract; the provisions thereof, including all the privileges and obligations created thereby, shall inure to the benefit of and be binding upon their heirs, executors, administrators and assigns.

IN WITNESS WHEREOF, the said lessor has caused this lease to be exectuted this _____ day of _____, 1951, and lessee, as duly authorized officers of the Parker Mining and Milling Co., a Corporation, have hereunto set their hands, and seal, all as of the day and year first above written.

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SAN FRANCISCO, CALIFORNIA

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 14 1952

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear [illegible]

[illegible] entitled "Review of Application for Exploration Assistance" [illegible]

[illegible] Parker Mining & Milling Corp.

[illegible] 2229

[illegible] Tungsten

[illegible] 75,000.00

[illegible] expedite consideration of the application with [illegible] to the points raised in the attached [illegible]

Sincerely yours,

Frank E. Johnson
Chairman, Operations Committee
Defense Minerals Exploration
Administration

APPROVED:

J. H. Hedges
[illegible]

J. P. Thayer
[illegible]

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1952 JAN 23 PM 1:52

SAN FRANCISCO, CALIFORNIA

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2229

Commodity Tungsten

Total Amount $75,000.00

Govt. Participation $56,250.00 - 75%

1. Name and Address of Applicant Parker Mining & Milling Corp.
P.O. Box 202
Barstow, California

2. Location of Property Sec. 7, T7N; R2E; Ord Mountain Mining District
San Bernardino County, California
16-1/2 miles southeast of Daggett, California

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

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 Yes

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

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

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

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

productive period? Yes

*question numbers are those of MF-103

DEPARTMENT OF INTERIOR
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REGION III
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1952 JAN 23 PM 1:52

SAN FRANCISCO, CALIFORNIA

7. Are subordination agreements necessary? Yes

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 Yes

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

c) Accessibility (question 12)* Easily accessible

d) Water (question 13)* Sufficient near mine for mine operation
Mill will be near Barstow with sufficient water

e) Power (question 13)* Power at mine will be gasoline or diesel
Power obtainable from Power Co. at Barstow for mill

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Applicant has had considerable experience in operating mines and mills, but is apparently better acquainted with the milling operations.

Is a field check needed on this point? Yes

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

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

Should be checked by field team.

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Proposed exploration work would cost from $20,000 to $25,000; balance of $75,000 would come under the head of expansion and production and is not applicable.

If not, what part of it is? Mine exploration - $20,000 to $25,000

DEPARTMENT OF INTERIOR
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REGION III
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1973 JAN 23 PM 1 : 52

SAN FRANCISCO, CALIFORNIA

Is this part a worthwhile exploration project? Yes

d) Are the cost estimates detailed? Yes

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

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? _____

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

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

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

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

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Better to check items with applicant.

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

a) Are there sufficient data? Yes

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

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Better to check items with applicant.

DEPARTMENT OF INTERIOR
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1982 JAN 23 PM 1:52

SAN FRANCISCO, CALIFORNIA

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes

c) Reasonable? Yes

d) Field check needed? Better to check with applicant.

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

(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? Field team should make a geological study of area and check trenching, mining exploration and diamond drilling necessary to indicate ore body or bodies. Cost of this operation should be checked. If a substantial tonnage of ore is indicated by above work, then an application for a production loan can be made to the DMPA.

Reviewed by: T. L. Chapman

Enclosures:

2 Photos of mine area
1 Claim map
1 Map showing cuts and workings on property, indicating ore showings and values, also points of proposed cuts
1 Topographical map
Geology report by R. Lawrence
Copy of lease and option
MF-100 with applicant's data
MF-103 (April, 1951) with applicant's data
Copy of memo to George Selfridge by Robert W. Geehan, Bureau of Mines
Copy of letter to George Selfridge by D. M. Lemmon, U. S. Geological Survey
Copy of letter to applicant advising of conclusions

Date 1/18/52

INT.-DUP. SEC., WASH., D.C. 99009

DEPARTMENT OF INTERIOR
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1959 JAN 23 PM 1:52

SAN FRANCISCO, CALIFORNIA

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

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

We attach Review of Application for Exploration Assistance [illegible]

Applicant: Parker Mining & Milling Corp.

Case No. 2229

Mineral: Tungsten

Amount: 75,000.00

We request consideration of the application with particular reference to the points noted in the attached [illegible]

Sincerely yours,

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Attachment

[illegible] Mines

[illegible] Geological Survey

DEPARTMENT OF INTERIOR
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REGION III
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1952 JAN 23 PM 1:52

SAN FRANCISCO, CALIFORNIA

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2229

Commodity Tungsten

Total Amount $75,000.00

Govt. Participation $56,250.00 - 75%

1. Name and Address of Applicant Parker Mining & Milling Corp.
P.O. Box 202
Barstow, California

2. Location of Property Sec. 7, T7N; R2E; Ord Mountain Mining District
San Bernardino County, California
16-1/2 miles southeast of Daggett, California

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

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 Yes

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

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

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

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

productive period? Yes

*question numbers are those of MF-103

DEPARTMENT OF INTERIOR
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REGION III
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JAN 23 PM 1:52

SAN FRANCISCO, CALIFORNIA

7. Are subordination agreements necessary? Yes

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 Yes

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

c) Accessibility (question 12)* Easily accessible

d) Water (question 13)* Sufficient near mine for mine operation
Mill will be near Barstow with sufficient water

e) Power (question 13)* Power at mine will be gasoline or diesel
Power obtainable from Power Co. at Barstow for mill

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Applicant has had considerable experience in operating mines and mills, but is apparently better acquainted with the milling operations.

Is a field check needed on this point? Yes

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

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

Should be checked by field team.

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Proposed exploration work would cost from $20,000 to $25,000; balance of $75,000 would come under the head of expansion and production and is not applicable.

If not, what part of it is? Mine exploration - $20,000 to $25,000

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Is this part a worthwhile exploration project? Yes

d) Are the cost estimates detailed? Yes

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

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? _____

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

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

c) Is a field check needed? Yes

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

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

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DEPARTMENT OF INTERIOR
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SAN FRANCISCO, CALIFORNIA

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Date 1/18/52

INT.-DUP. SEC., WASH., D.C. 99009

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
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1952 JAN 23 PM 1:53

SAN FRANCISCO, CALIFORNIA

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

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

1/22

Dear Sir:

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

Applicant Parker Mining & Milling Corp.

Project No. 2229

Commodity Tungsten

Amount $ 75,000.00

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

Sincerely yours,

(signed) FRANK E. JOHNSON
JHB

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

/s/ J. N. Hedges
Director, Bureau of Mines JHB

/s/ L. P. Thayer
Director, Geological Survey JHB

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2229

Commodity Tungsten

Total Amount $75,000.00

Govt. Participation $56,250.00 - 75%

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a) Good

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c) None

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(If so, attach an explanation)

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(question 5, 6, 7)*

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d) Are the cost estimates detailed? Yes

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

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? _____

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

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

c) Is a field check needed? Yes

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

a) Is it applicable? Yes

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

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Better to check items with applicant.

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

a) Are there sufficient data? Yes

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

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Better to check items with applicant.

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes

c) Reasonable? Yes

d) Field check needed? Better to check with applicant.

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

(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? Field team should make a geological study of area and check trenching, mining exploration and diamond drilling necessary to indicate ore body or bodies. Cost of this operation should be checked. If a substantial tonnage of ore is indicated by above work, then an application for a production loan can be made to the DMPA.

Reviewed by: T. L. Chapman

Enclosures:

2 Photos of mine area
1 Claim map
1 Map showing cuts and workings on property, indicating ore showings and values, also points of proposed cuts
1 Topographical map
Geology report by R. Lawrence
Copy of lease and option
MF-100 with applicant's data
MF-103 (April, 1951) with applicant's data
Copy of memo to George Selfridge by Robert W. Geehan, Bureau of Mines
Copy of letter to George Selfridge by D. M. Lemmon, U. S. Geological Survey
Copy of letter to applicant advising of conclusions

Date 1/18/52

INT.-DUP. SEC., WASH., D.C. 99009

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 17 1952

January 15, 1952

Memorandum

To: George Selfridge, D.M.E.A.

From: R. W. Geehan, Bureau of Mines

Subject: Exploration Application $75,000 — DMA 2229
Parker Mining and Milling Corporation — Tungsten
Box 202
Barstow, California

Property: White Dollar Claims
Sec. 7, T. 7N., R. 2E.
Ord Mountain
San Bernardino County, California

I agree with Mr. Lemmon's conclusions and recommendations listed below.

"It is recommended that the applicant be informed that the majority of the items requested are for production, not exploration, and can be granted only by DMPA after an adequate ore reserve has been proved; also, that the information submitted by the applicant is insufficient to demonstrate any ore reserve.

"It is also recommended that the application be referred to the Field Team, San Francisco, requesting that the deposit be examined geologically and check-sampled, and that a recommendation be made as to whether any exploration project is justified."

Robert W. Geehan

Robert W. Geehan

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

January 15, 1952

Memorandum

To: George Selfridge, D.M.E.A.

From: R. W. Geehan, Bureau of Mines

Subject: Exploration Application $75,000 — DMA 2229
Parker Mining and Milling Corporation — Tungsten
Box 202
Barstow, California

Property: White Dollar Claims
Sec. 7, T. 7N., R. 2E.
Ord Mountain
San Bernardino County, California

I agree with Mr. Lemmon's conclusions and recommendations listed below.

"It is recommended that the applicant be informed that the majority of the items requested are for production, not exploration, and can be granted only by DMEA after an adequate ore reserve has been proved; also, that the information submitted by the applicant is insufficient to demonstrate any ore reserve.

"It is also recommended that the application be referred to the Field Team, San Francisco, suggesting that the deposit be examined geologically and check-sampled, and that a recommendation be made as to whether any exploration project is justified."

Robert W. Geehan

RWGeehan:elk

cc: Mr. Geehan
Ferrous M&A
Files
Mr. Katlin
Mr. Selfridge

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

January 15, 1954

Memorandum

To: George Solfridge, U.S.G.S.

From: R. W. Geehan, Bureau of Mines

Subject: Exploration Application 75,[illegible] [illegible]
Pacific Mining and Milling Corporation Tungsten
Box 202
Barstow, California

Property: White Dollar Mining
Sec. 7, T. 7[illegible], R. 2[illegible]
Red Mountain
San Bernardino County, California

I agree with Mr. Lemmon's conclusions and recommendations listed below.

"It is recommended that the applicant be informed that the majority of the items requested are for production, not exploration, and can be granted only by RMA after an adequate ore reserve has been proved; also, that the information submitted by the applicant is insufficient to demonstrate any ore reserve.

"It is also recommended that the application be referred to the Field Team, San Francisco, requesting that the deposit be examined geologically and channel-sampled, and that a recommendation be made as to whether any exploration project is justified."

Robert W. Geehan

RWGeehan:elk

cc: Mr. Geehan
Ferrous RMA
Files
Mr. Katlin
Mr. Solfridge

November 20, 1951

Subject: DMA-2229
Re: Exploration Loan
White Dollar Group

Mr. Frank A. Parker, President
Parker Mining & Milling Corp.
Box 202
Barstow, California

My dear Mr. Parker:

This will acknowledge receipt of your application dated November 5, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA- 2229 and referred to the Iron & Ferro Alloys Branch.

Kindly refer to DMA- 2229 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

B

1 complete set to
~~Economics~~ Section - 1/3/52

~~as 12/23/51~~

3 maps, 5 maps, 2 panoramas

United States Vanadium Company

A Division of Union Carbide and Carbon Corp.

Bishop - California

April 25, 1951

Mr. Frank Parker
Barstow, California

Dear Mr. Parker:

Regarding this Company's prospective purchase of scheelite ore from your property near Barstow, this is to advise that we are willing to accept immediate delivery of 0.40% WO_3 ore or better. We reserve only the right to discontinue purchasing if the ore should prove to be wholly unsuited to our milling process.

May we hear from you in the near future as to whether and when you might start shipping?

Very truly yours,

UNITED STATES VANADIUM CO.

Wm. H. Kohler
Mining Engineer

WHK:me

P.S. Your sample of ore which was left with us has been assayed at 1.38% WO_3.

United States Vanadium Company

A Division of Union Carbide and Carbon Corp.

Bishop - California

April 25, 1951

Mr. Frank Parker
Barstow, California

Dear Mr. Parker:

Regarding this Company's prospective purchase of scheelite ore from your property near Barstow, this is to advise that we are willing to accept immediate delivery of 0.40% WO_3 ore or better. We reserve only the right to discontinue purchasing if the ore should prove to be wholly unsuited to our milling process.

May we hear from you in the near future as to whether and when you might start shipping?

Very truly yours,

UNITED STATES VANADIUM CO.

Wm. H. Kohler
Mining Engineer

WHK:me

P.S. Your sample of ore which was left with us has been assayed at 1.38% WO_3.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

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

NOV 13 1 37 PM '51

DO NOT FILL IN THIS BLOCK

Docket No. D. M. C. 2229

Date received 11-13-51

Participation

Parker Mining and Milling Corporation
Box 202
Barstow, California

Name and address of applicant

Date 5 November 1951

FILL IN THIS BLOCK

Date of application 5 November 1951

Estimated cost $75,000

Mineral or metal Scheelite

Percentage of Government participation 66.66%

Location of mine Ord Mt. Mining District
San Bernardino County, California

Date of filing MF-100 5 November 1951

DMA Docket Number, if available none

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.

Parker Mining & Milling Corporation
(Name of company)

By Frank O. Parker
(Signature of authorized official)

5 November 1951
(Date)

President
(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

STATEMENT 19 October 1951

1. Corporation

2. None

3. Frank A. Parker Box 202 Barstow, California
President

T.A. Parker
Secretary and Treasurer Box 202 Barstow, California

James C. Porter
Vice-President Box 626 Alturas, California

Willard O. Miller, RR # 1 Gersham, Oregon

R.H. Chapin Barstow, California

4. All persons who are connected with this company have had an average of 15 (fifteen) years of mining experience.

5. Lessee

6. Inapplicable

7. See copy of attached lease. In good standing.

8. See copy of attached financial statement.

9. $15,000. Yes, it is sufficient to pay the part of the cost of the Corporation's part as detailed in Question 23.

10. (a) Mill Property description:
3,400' west of the E boundary of sec 36 T10N R2W and on the North boundry of Highway 466. Consists of 22 acres more or less. Property previously a part of the Waterman Ranch.

(b) White Dollar Group of claims lies in the NE ¼ of Section 7, T7NR2E of San Bernardino County, California.
See Book 317, page 155, for White Dollar No. 1,
See Book 317, page 157, for White Dollar No. 2.
See Book 317, page 152, for White Dollar No. 3.
And ammended location White Dollar No. 1, Book 319 page 46; White Dollar No. 2, book 319 page 47; White Dollar, book 319 page 48 now known as the White Dollar group of mining claims as recorded at the County Recorders Office in the County of San Bernardino, California

r

fornia

11. White Dollar Group. No known previous name to area.

12. With reference to #10(a) (Mill Site) the property is located two (2) miles from the city of Barstow, San Bernardino County, California; one and one-half (1½) miles from the A.T.&S.F. Railroad Station and marshalling yards; twelve hundred (1,200) feet from California State Highway # 466; One and one-half miles from the A.T.& S.F. Railroad shipping point: Zero (0) feet from a trucking shipping point; The directions for the shipping points, direction to the town of Barstow, is South East. The types of roads are Macadam and concrete, and the roads are in first class condition.

With reference to #10 (b) the Mine site is located sixteen and one-half miles from the town of Daggett, San Bernardino County, California in a SE direction from said town. The site is located sixteen and one-half miles from the yards of the A.T.&.S.F. yard at Daggett, California. The site is sixteen and one-half miles from U.S. Highway #66. The site is in a SE direction from the above stated locations. The type of road leading from the first class highway, U.S. #66 is a graded dirt road that is a high gear road all of the way from U.S. Highway #66 to the mine. The dirt road is owned by the County of SAN BERNARDINO except for the last two (2) miles of road to the mine site---this last two miles of road was constructed by the operators of the mine site and is in fair condition with little improvement needed to make it equal to the county dirt road. This mine site road is a high gear passenger car road.

13a. The source of water for the Mill Site (reference #10 (a)), is a well situated in the Mohave River bed and is 8' x8' x 30' and is pumped by a three (3) HP electric driven 3" intake 2" discharge centrifical pump which pumps water to the mill site a distance of fourteen hundred (1,400) feet. Sufficient water for operating a five hundred (500) ton mill. River Bed has unlimited water for operation of any milling operations. Water is sufficient for all seasons of the year.

13b. Amount of electrical power to be used is fifty (50) HP. the rate per hour is two and one-half (2½) cents per KW. The source of power is California Electric Power Company located at Barstow, California.

Frank A. Parker
Box 202
Barstow, California

14. 1. Mill: The Mill is a floatation and gravity table-mill consisting of/or being equipted with the following equipment: (Installed equipment) water storage tank; ore storage hopper(s); fifty (50) ton capacity ball mill, electrically operated belts for moving ore from storage to ball mill; crusher; gravity tables; cones; sand pumps; necessary piping, etc., for present and proposed installations; concrete floor, concrete foundations for equipment; concrete foundation for sheet iron and frame building covering mill. Also included in above-classifier. Jigs. (Proposed equipment) flotation cells; sand pumps; and Denver Mineral Jig; necessary equipment to operate proposed equipment.

2. Laboratory: Portion of equipment necessary for wet-lab now on hand and portion of equipment for a fire assey office on hand.

3. Mine Site: Storage building (10' x 20') sheet iron and wood frame for general storage use; Inclined shaft; head frame; hoist; stationary air compressor; Worthington 105 portable air compressor; jack hammers, drills, air hose, miner's shack; two (2) small sheds; miscellaneous equipment; road running through mine site; Butane stove, water tanks, etc.

4. Vehicles: Buick (1947) for transportation of personnel: 1941 Weapons Carrier for utility use.

15. Ore sacked at Mill and transported either to railroad terminal for shipment or can be shipped by truck directly from the mill. Milling done by gravity and flotation process and concentrated, Milling to be done at the Parker Mill located as stated in question #10 (a) on page one of this report.

16. (a) Previous exploration consists of several prospect shafts and drifts cut in this site around 1940 and 1941 by parties not now known to the Corporation. Small development on a non-producing gold claim at the site, consisting of drifts and raises. There has been very little production in this zone due to the fact that during the previous years there has not been any mill or smelter close enough to the site to warrent economic consideration. Frank A. Parker has shipped twenty tons of Scheelite ore to the Black Rock Mine Company, Bishop, California on 12 June 1951 which netted said person the sum of $798.80.

(b) None, due to the long freight haul as previously described in Question #16 (a).

(c) See attached statement covering mine examinations, recommended exploration and development and metallurgical

17. Production:

	Tons/day	grade or analysis	cost/ton	net value per ton
(1) Mining	DEVELOPMENT WORK		DEVELOPMENT WORK	
(2) Milling	DEVELOPMENT WORK		DEVELOPMENT WORK	
(3) Shipped or Sold	20 tons as previously stated in question #16 (a)			

18. (a) Ore deposit consists of a metamorphosed limestone containing Scheelite ($\frac{3}{4}$ to $1\frac{1}{2}$% content) Very small amount of malachite present. Ore deposit is known to be approximately fifteen hundred (1,500) feet long by two hundred (200) feet wide and extends vertically to an unknown depth. A shaft has been sunk through this deposit for a depth of fifty (50) feet and shows scheelite the entire distance.

(b) See attached maps and assay data.

(c) Estimated tonnage is 100,000 tons of known ore and an estimated 400,000 tons of ore assumed to be at depth beneath known deposit. One class of ore deposit.

19. Inapplicable. Questions previously answered cover conditions and circumstances adequately.

Frank A. Parker
Box 202
Barstow, California

20. Exploration will be conducted for SCHEELITE and any secondary minerals of economic importance that may be commercially recoverable. The deposit is a steeply dipping, metamorphosed limestone bed which has an exposed surface of about two hundred (200) feet in width by fifteen hundred (1,500) feet in length. The bed will be strip-mined until conditions become such that regular shaft and drift mining will be necessary. It is thought that the area can be strip mined for three (3) to four (4) months.

21. Proposed work at the Mine Site:

Four (4) open cuts (100' x 200') at the mine site (see topographical map and long range development plan map for exact locations of the four (4) cuts) to be cut into the ore body for exploration purposes. Development of the mine road for use of heavier type of vehicles than are now presently being used. Construction of sheet iron and wood frame type storage building(s) to store equipment. Construction of a small kitchen and toilet facilities for personnel employed at the mine site. Construction of necessary roads at the mine site for moving equipment over portions of the mine site. PROPOSED LENGTH OF TIME TO COMPLETE EXPLORATION OF MINE SITE TO BE TWO MONTHS.

Mill Site-completion of iron sheet and wood frame construction. Building a small assay office. Procurring equipment to complete a wet-assaying and a fire assaying lab for the above mentioned assay office. Installing larger water line from water source to the mill and installing larger pump for same. Installing Denver Mineral Jig. Install Flotation cells. Sand pumps. Installing dryer and magnetic separator. PROPOSED TIME TO COMPLETE CONSTRUCTION OF MILL TO BE THREE MONTHS.

22. See attached geological report with accompanying papers, maps, and photographs of both mine site and mill site.

Frank A. Parker
Box 202
Barstow, California

23. (a)

6 general construction men at mill for three months @ $15.00 per day	$5,400.00
1 mechanic for mill for three months at $16.00 per day	960.00
2 miners at mine for two months at $15.00 per day	1,200.00
2 muckers at mine for two months at $14.00 per day	1,120.00
2 pneumatic tool operators at mine for two months at $16.00 per day	1,280.00
1 maintenance man at mine for two months at $16.00 per day	640.00

(b)

Mill Superintendent, $500.00 per month for 3 months	1,500.00
Mine superintendent, $500.00 per month for 2 months	1,000.00
1 Engineer for mine, $500.00 per month for 1 month	500.00
1 Assayer for mill, $400.00 per month for 2 months	800.00

(c)

Improve tool shed at mine site	500.00

(d)

Build dynamite and powder magazine shed at mine	500.00
Build assay office at mill site	1,500.00
Build cook shack and chemical toilet facility at mine	1,500.00

(e)

1 sand pump 4" intake x 2" outlet for mill	700.00
3-stage centrifugal pump for increased water supply to mill	1,800.00
Denver Flotation cells for mill	3,000.00
2 jack hammers for mine site use	1,000.00
Additional land for mill (20 acres)	2,500.00
1 Denver Mineral Jig (8 x 12 Duplex)	1,000.00
Laboratory supplies and installation	4,000.00
1 general purpose truck (to be used for both mine and mill purposes)	3,000.00
Hose and pipe for mine (air and water to desired places for exploration work)	1,000.00

Frank A Parker
Box 202
Barstow, California

23 continued

(f)

Rental of D-8 Bulldozer and operator for two months at $100.00 per day----------$4,000.00
Rental of one Skip-loader and operator for two months at $150.00 per week---------- 1,200.00
Rental of one Worthington 105 air compressor for two months at $200.00 per month---------- 400.00

(g)

All items now on property will be furnished without rental value (charge) by the Corporation----------

(h)

Miscellaneous articles (drill bits, tools, kitchen equipment, first aid kits, compressor repair, etc.)------- 500.00
Diamond drilling 1,200 feet at $4.00 per foot----------4,800.00
Gasoline and oil for two months---------- 600.00
Water for mine use and haulage fees---------- 500.00
Road improvement for two miles of mine site road---------1,000.00
Insurance coverage---------- 400.00
TOTAL $49,800.00

24.

Time schedule of the project stated in terms of months after project is approved, showing progress expected to be accomplished and the money spent in terms of the above is as follows:

1st month: Obtaining all necessary equipment and making improvements as necessary at the mine site; opening cuts number One and Two; diamond drilling two holes; paying employees, insurance, payment for utilities used for above operations, etc. THIS ESTIMATE FOR MINE EXPLORATION PROGRAM.

Purchasing and installing of all mill equipment listed in question number 23, paying employees, insurance, utilities, etc. THIS ESTIMATE FOR MILL CONSTRUCTION AND COMPLETION.

TOTAL COST FOR THE FIRST MONTH OF BOTH MINE AND MILL---$35,790.00
(Equipment and labor, etc.)

Frank A. Parker
Box 202
Barstow, California

24. continued

2nd and 3rd months:	Balance of exploration work at mine site and completing mill.
	Total cost for 2nd and 3rd months
	To be----------$14,010.00

Frank A. Parker
Box 202
Barstow, California

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA

NOV 13 1 37 PM '51

FOR USE UNDER THE

DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. D. M. A. 2229

Date received 11-13-51

Parker Mining and Milling Corporation
Barstow, California Box 202

Name and address of applicant

Date 11-5-51

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Frank A. Parker, Box 202 Barstow, California	President "D"	$5,000	$5,000	643.75	0	0	0
H.T. Parker, Box 202 Barstow, California	Secretary & Treasurer	$3,000	$5,000	643.75	0	0	0
James C. Porter Alturas, California	Vice-Pres.	$5,000	$40,000	250.0	0	0	0
Dr. R.H. Chapin Barstow, California	- - - - - -	not known	$50,000	362.5	0	0	0
Willard O. Miller Gresham, Oregon	- - - - - -	$10,000	$20,000	250.0	0	0	0
Howard L. Waldon 175W 93rd St. NYC NY	- - - - - -	$5,000	$6,000	125.0	0	0	0
Albert N. Thompson Yermo, California	- - - - - -	not known	not known	62.5	0	0	0
	Total	$28,000	x x x x x	1,100		x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	Not issued	all stock now held in trusteship with the state of California	1,000 $ per share	same as (b)	Corp formed 18 Aug. 51
Preferred stock	$		$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	$CaWO_4$	none	none	none	development
2. Quantity of product processed (specify unit of measure and type of process)	$CaWO_4$ concentrate	"	"	"	" "
3. Quantity and grade of product sold or shipped (specify units of measure)	73.27% WO_3	"	"	"	" "

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral depo[illegible]riefly. Accompany the application by any a[illegible]able report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)	100,000	av. 1.0%	$65.00	85/100	$18.00
Indicated (probable)	500,000	av. ¾%-1%	$65.00	85/100	$22.00

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

Parker Mining & Milling Co
(Name of company)

By Frank A. Parker
(Signature of authorized official)

10-5-51
(Date)

President
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

1. Materials produced:

(a) Chief mine & mill product is TUNGSTEN CONCENTRATE
(b) None

2. Name--White Dollar Group (mine), Type of mine--Open Pit strip mine; Parker Mining and Milling Corporation Mill, type of mill--gravity and flotation type of mill. No known old names for mine site.

(a) fifty (50) linear feet of shaft.
(b) one hundred and sixty-seven (167) feet of cross cuts & drifts.
(c) Zero (0) feet.
(d) Two hundred (200) feet of surface cuts exposing ore.

Mine is not flooded nor is there any indication of flooding conditions present. Productivity unlimited.

3. (a) Mine is sixteen and one half (16.5) miles from the town of Daggett, California and is also the same distance from a shipping point which is located at Daggett, California. As noted on form MF 10B question number 12, it is proposed to truck the ore to the Parker Mining and Milling Corporation Mill located on Highway 466 (California) for milling. This mill site would be considered the shipping point for CONCENTRATE ORE.
(b) Mining District----Ord Mountain District.
(c) 7N, section 7, R8E.
(d) San Bernardino, California

4. (a) Property is now under development by the Parker Mining and Milling Corporation.
(b) Lessee, on mining property. Owner of mill site.

5. Very little production as to date. Development work for past six months.
Will be in production upon completion of mill.

6. (a) and (b) are one and the same;

Mining experience as follows:

1 Year as Mill Superintendent at the Victory Metal Company, Colville, Washington.

3 Years as Mill Superintendent at the Highland Surprise Mining Company, Kellogg, Idaho.

Frank A. Parker
Box 202
Barstow, California

6. continued

8 months as Mill Superintendent at the Athletic Mining Company, Safford, Arizona.

6 months as Shift Boss at the Phelps Dodge Concentrator Mill, Morenai, Arizona.

1 Year General Superintendent (both Mine and Mill), Minas De Antimonio, Nogales Sonora Mexico.

1 Year Mill Superintendent at the Minas De Guatamo, Batuc Sonora, Mexico.

1 Year as General Superintendent (Both Mine and Mill) at the Aloo Mines, Boise, Idaho.

6 months as Superintendent at the Pacific Coast Mill and Mine, Barstow, California.

Also included in the above: Frank. A. Parker has held many jobs with other mining companies, holding all positions in mines and mills.

Business Experience as follows:

As general superintendent of the above mines and mills, Frank A. Parker was in charge of the purchasing, handling, control, and distribution of equipment and supplies. Management of personnel, and other detailed activities associated with the operation and management of the mining and milling business.

7. See MF 103 question number 16 (a), (b), and (c) with attached literature.

8. See MF 100 question number 8.

9, 10, See MF 100 questions number 9 & 10.

11. Mine now undergoing a program of exploration. Estimated rate of monthly production is one thousand (1,000) tons per month based on a twenty (20) day working month.

12. See form MF-103 question number 22 wherein it is stated that a geological report is attached to said report.

13. See question number 3(a) of this report.

14. See question number 14 (e) of Form MF-102 sheet number two.

15. See question number 13 (b) of Form MF-103 sheet number two.

16. See sheet number four of Form MF-103 question 17 wherein it is stated that work at the mine has been on a development basis and therefore no true recent representative payroll period can be given at this time. Work at the mill has been as a construction basis using construction employees and not mill employees, therefore no true representative payroll can be given at this time.

17. Mill equipment consists of the following:

Mill building 30' x 100' constructed of sheet steel covered wood frame structure.

Course ore bin of 50 ton capacity----------new condition
Grizzly for causing fines to pass through to belt and passing larger ore to crusher----------excellent condition
10"x 12"Universal Jaw crusher----------new condition
42' conveyor belt with drive, etc.----------good condition
14' x 9' fine ore bin----------excellent condition
(75 ton capacity, constructed of 3/8" steel)
6' feeder belt with motor and variable speed drive----------good condition
54" x 42" Ball Mill----------good condition
Lamley Jig----------excellent condition
19' x 2' Dorr Classifier----------good condition
2" Wilfley sand pump----------good condition
5' Allen Cone----------good condition
Distributor----------new condition
6' x 4' Bumper Table----------good condition
9' x 4' Bumper Table----------good condition
14' x 6' Bumper Table----------good condition
2" Wilfley Sand Pump----------TO BE ACQUIRED----------
Concentrate Dryer----------TO BE ACQUIRED----------
Magnetic Separator----------TO BE ACQUIRED----------
6 Cell, No. 18 Special Flotation Cells------TO BE ACQUIRED----
Flotation Dewaterer----------TO BE BUILT----------

Frank A. Parker
Box 202
Barstow, California

ALL OF THE ABOVE EQUIPMENT IS COMPLETE WITH ELECTRIC MOTORS. THIS INCLUDES A MILE OF POWER LINE (440 VOLTS AT MILL WITH 2200 VOLT LINE COMING TO MILL)

17 continued

Mine Equipment

Ingersoll Rand Model 105 air compressor,
complete with storage tank and one 75 HP
gasoline motor----------excellent condition
One, two hundred foot single drum hoist
with motor----------good condition
600 feet of 20 pound mine rail----------good condition
one, fifty ton ore bin with grizzly
covering----------new condition
One, Worthington Model 105 compressor,
complete----------new condition
Two, Cochise jack hammers with water heads---fair condition
100' of air hose----------new condition
100' of water hose----------good condition
1 complete set of tools, including picks, shovels,
bars, drill steel, bits, etc.----------good condition
One, 600 gallon water storage tank----------good condition
Two, mining cars, ¾ ton capacity----------good condition
Three, ore buckets, 1,000 pound capacity-----good condition

18. None.

LEASE AND OPTION TO PURCHASE

This AGREEMENT entered into this _____ day of _____, 1951, by and between J. Ralph McInerny, hereinafter referred to as lessor, and Parker Mining & Milling Company, Inc., a corporation, hereinafter referred to as lessee,

W I T N E S S E T H:

That for and in consideration of the sum of Ten Dollars ($10.00) lawful money of the United States, receipt of which is hereby acknowledged, and also in consideration of royalties, covenants and agreements hereinafter expressed to be paid, kept and performed, the lessor does hereby lease to the lessee, with option to purchase, the following described mining property or mining claims situated in the Ord Mountain Mining District, in the County of San Bernardino, State of California, to wit:

> Three unpatented mining claims respectively known as the White Dollar Mining Claim No. 1, book 317, page 155; White Dollar Mining Claim No. 2, book 317, page 157; white dollar Mining Claim, book 317, page 152. And amended Location White Dollar No. 1, book 319 page 46; White Dollar No. 2, book 319 page 47; White dollar, book 319 page 48 now known as the White Dollar group of mining claims.

The above claims are recorded in the County Recorder's office, San Bernardino, California, and consist of approximately 60 acres more or less.

Lessee agrees to start work not later than May 25, 1951, and to work continuously and develop said property in the usual manner as necessary to good and economical mining, with due regard to the safety, development and preservation of said premises as a workable mining property. To work and mine said premises steadily and continuously from, on or before May 25, 1951, and to perform at least sixty miner shifts or eight hours each per thirty days or each month.

To well and sufficiently timber said mine at all places where proper and to repair and replace old timber whereever it may become necessary.

To allow the lessor and his agents to enter upon and into all parts of said mine for the purpose of inspection at all reasonable times when such inspections shall not interfere with nor interrupt normal progress of mining or development work. To occupy and hold all cross or parallel lodes, dips, spurs, feeders, crevices, or mineral deposits of any kind which may be discovered in work under this lease as the property of the said lessor, with privilege to said lessee to work the same as an appurtenance of said demised premises during the term of his lease; and to not locate or record the same, or allow the same to be located or recorded, except in the name of said lessor. And to allow said lessor right of way or road easement over White Dollar No. 1 and White Dollar Claim No. 2 for the purpose of making accessible adjacent claims.

To keep books of account showing the amount of ores extracted from the said mine, the amount of ore shipped, sold or treated, and the amount of money received from the sale of ores or the values extracted threrfrom; that from and out of the values obtained from the ores so extracted and reduced, treated, sold, whipped or otherwise disposed of, said lessee will pay to said lessor ten per cent (10%) of the gross mill returns. In arriving at gross returns, transportation from mine to mill shall be allowed: that a duplicate of all mill returns shall be furnished by the said lessee to the said lessor; and that said books of account shall be open at all reasonable times to the said lessor and his representatives.

Lessee agrees to carry compensation insurance covering all workmen against loss or damage by reason of injuries arising out of an in the course of their employment upon said mining property and agrees to operate said property in a proper and miner-like manner and in all respects in conformity with Federal, State and County laws, ordinances and regulations. The said lessee shall have posted at all times in a conspicuous place on each of the mining claims herein agreed to a notice in writing that the lessor will

not be responsible for indebtedness for labor, materials, machinery or mechanics leans created by said lessee in connection with the work in operation of said property during existence of this agreement.

Lessee agrees to pay, at least five (5) days before delinquency, any and all taxes, assessments and imposts which may hereafter be levied against the property or any improvements placed by lessee on said property, as well as any taxes or assessments against recovered ore.

Time is the essence of this agreement. All interest and rights of lessee in and to the property hereunder and in and to this agreement shall be subject to forfeiture in the event of any default on his part in the performance of any one or more of the covenants and agreements herein contained on his part to be performed, at the option of the lessor; provided, however, that such default shall continue beyond the expiration of thirty (30) days after the receipt of written notice, the lessor may cancel this agreement which becomes null and void without further notice. All payments made hereunder shall be forfeited to lessor as liquidated damages. Lessee shall have not further right to said property or to purchase same and shall surrender peacefully, possession thereof without process of law.

This lease and option is for a period of two years from April 11, 1951, until April 11, 1953, unless terminated according to other provisions of said agreement. Lessee shall have the right to purchase said property at a price of thirty-seven thousand five hundred dollars ($37,500.00) any time during the life of this lease, less the amounts paid to the lessor in royalties during the life of this agreement. It is hereby agreed that the lessor will grant an additional two years to the lessee, provided all of the above conditions of this agreement have been fulfilled, for a total price of Seventy-five thousand dollars ($75,000.00)

Labor strikes, mine accidents, war, weather conditions beyond control, or acts of Providence generally which may temporarily prevent the lessee from carrying out the full terms and conditions of this agreement shall not be construed as a wilfull violation or default on the part of the lessee but proper allowances therefor shall be made in carrying out, contruing and enforcing the obligations of the lessee hereunder.

The entire contract between the parties hereto is written herein and neither party shall be bound by any agreement, understanding, condition or otherwise except as herein expressly stipulated.

The parties hereto bind themselves, their heirs, executors, administrators and assigns for the faithful performance of this agreement and contract; the provisions thereof, including all the privileges and obligations created thereby, shall inure to the benefit of and be binding upon their heirs, executors, administrators and assigns.

IN WITNESS WHEREOF, the said lessor has caused this lease to be exectuted this _____ day of _____, 1951, and lessee, as duly authorized officers of the Parker Mining and Milling Co., a Corporation, have hereunto set their hands, and seal, all as of the day and year first above written.

NOTE:

This paper is not to be taken as a full geological report because such is not the case. This report covers only that areaS which is of economic interest to the Parker Mining and Milling Corporation of Barstow, California. Therefore, much of the pure geology has been left out in this paper. It is felt that a true geological report would not serve any purpose that is not covered in this paper and would be only a burden on the reading time required by the reader.

E. Lawrence

INTRODUCTION

The White Dollar Group is located in Sections 7, and 8, of Township 7N3E, in the county of San Bernardino, California.

The only method of reaching the White Dollar Group is to drive east on Highway U.S. 66 from the city of Barstow and thence to the town of Daggett, a distance of eight (8) miles. Passing through Daggett proceed eastward until the California Check Station is reached and then turn off U.S. 66 southward onto the San Bernardino County graded dirt road which trends southeast into the Old Mountain Chain. Proceed up the dirt road for twelve miles to an intersection which is marked by a U.S. Land Survey iron stake placed in 1917 and has the following information on the flat portion of the head: T7N3E, Sec. 8 & 9. Take the mine road to the right and proceed for one and one-half miles to the mine site.

There is no cultural development of the area, but the following physical development of the site has been done: one miner's shack is located SE of the mine shaft about one half (½) mile, two (2) storage sheds are located in the area of the miner's shack, S. of the mine shaft is located a large metal clad storage shed which is about twenty X twenty four (20x24) feet in size, a mine shaft about fifty (50) feet deep (with two drifts of twenty-five to thirty (25-30) feet), hoists, winches, air compressors (both stationary, and mobile), ore storage bin, three miles of graded and semi-graded roads, and other miscellaneous works and improvements.

The mine site covers three (3) claims, each of 600 feet by 1,500 feet and joined end to end thus making a site approximately 600 feet wide by 4,500 feet long. See Survey map for exact extent of area.

Briefly stated, the field work was performed in the following manner: The site was investigated by utilizing ultra-violet light to check for outcrops of the scheelite ore and to check the percentage of the scheelite in the ore body.

Examinations of hand specimens and of "in place" ore was done by using a hand lens and checking the ore in daylight. Correlation between the ore body and the country rock, dikes, etc., was done by using topographical maps, survey maps, geological maps, and information gathered from previous data of the area. The topographical map(s), and geological map were prepared for this report by the writer.

The reason of making the investigation and writing this report is to provide data for future use of the Parker Mining and Milling Corporation in conjunction with their proposed development of suitable tungsten ore bodies. The White Dollar group of claims is especially high on the agenda of this corporation's development program because of the site's favorable showing of scheelite.

GALAXY OF THE WHITE DWARF GROUP

GEOLOGY OF THE WHITE DOLLAR GROUP

White Dollar No. One lies in a V shaped, inclined valley of differential erosion. The main portion of White Dollar No. One lies on the eastern slope of this valley.

To the west of the White Dollar Group, a steeply sloping dome-shaped hill composed mainly of granodiorite, diorite, monzonite and metamorphosed limestone, limits the western extent of the scheelite zone. Many prominent dikes lie in parallel arrangement, the general trend being NNW-SSE. On the east side of the hill, the dikes appear to be dipping nearly vertical, while on the western slope the dikes dip more gently in a horizontal direction.

Scheelite is found in small quantities on the eastern slope of the hill in several scattered localities. Occurrence as float and in-place ore is noted.

Starting from the center of the valley and extending eastward for approximately two hundred feet and paralleling the center-line axis of the valley for a distance of 1500 feet, lies a metamorphosed limestone zone of unknown thickness. The limestone is capped by granodiorite of varying thickness. Some residual material is also found on the NNW-NW slope of the site. The limestone is capped by five to seven feet of granodiorite-diorite on the ridge area at the Northern limits of White Dollar No. One, and by approximately twenty to forty feet at the extreme SE limit.

A mine shaft has been sunk for a total depth of fifty feet in the SE section of White Dollar No. One and the indications at the bottom of the shaft show that a metamorphosed limestone condition exists at that depth as well as near the surface, indicating that the limits of the metamorphosed limestone are definitely at a much greater depth than the fifty feet now exposed by the shaft. The limestone on the footwall at the bottom of the shaft is quite pure, well fractured and shows disseminated scheelite in a .1% to .75% ratio.

The drifts of 25 to 30 feet in length have been dug in the metamorphosed limestone. One drift trends NE and passes through several small dikes (3" to 10" thick). Scheelite is found in several zones in this drift but not in quantity. The drift that trends NW shows three favorable scheelite-molybdenum concentrations on the S wall of the drift. A good showing of scheelite is found where the two drifts meet near the shaft. Along the S wall of the shaft, and N walls of the two drifts are found in varying quantities, with the scheelite averaging .5%.

Surface exploration cuts have exposed the scheelite in every zone where a cut was made in the metamorphosed limestone. At the northern limits of White Roller No. One on the ridge, after removing three feet of overburden, a particularly "hot" zone of scheelite was found which runs up to twenty per cent ore. This "hot" zone extends horizontally for twenty-five to thirty feet with the depth unknown. NW of the mine shaft, an exploration cut was made and the scheelite in this area averages 3/4% to 1 1/4%. Molybdenite is also found in this cut in the same ratio as is found at a depth of fifty feet in the mine shaft as previously described. Nearly due E of the mine shaft, a tunnel has been started, following the line of contact between the granodiorite and the metamorphosed limestone, and in the limestone is found very strong showings of scheelite. Scheelite is found in both the granodiorite and metamorphosed limestone. However, the scheelite has of course, the strongest showings in the metamorphosed limestone. The tunnel penetrates the metamorphic rock for a distance of twelve feet and the scheelite has strong showings for the entire distance. The contact zone strikes N30E and dips 65° to the NW. The granodiorite and the limestone are both well fractured and show ground water action quite clearly. The fractures have been penetrated in numerous places by roots of the vegetation growing on the surface approximately ten to twelve feet above the tunnel. A small zone of marble exists at the contact.

At the NW corner of White Pellar No. One, and the NW corner of White Pellar No. Two, several cuts have been made on the slope of the hill to the West of the area. These several cuts all have good scheelite showings but seem to be limited by the dikes which separate them. These dikes also trend NW-SE the same as the dikes on the eastern side of the site as previously described earlier in this chapter.

The metamorphosed limestone follows a trend around the hill which lies to the NW of the metamorphosed limestone zone. It is believed by the writer that the erosional stream bed that lies to the E of the site draft and parallels the limestone and granodiorite contact to the E of the draft was caused by weathering, and erosion along the contact between these two zones. This could well be true if the strike and dip were in the same width as is found at the tunnel area located in the SW corner of White Pellar No. One.

To the West of White Pellar No. One at a distance of approximately eight hundred feet is found a quartz vein about eighty feet in width. This vein alters into quartzite further to the NW. No scheelite has been found in-place on the eastern side of the vein.

It is also noted that the igneous rock trends from granodiorite on the eastern side of the site into a more granitic type of rock on the western side.

It is assumed by the writer that the scheelite zone at White Pellar No. One is the result of hydrothermal origin. It is known that scheelite is deposited in high temperature veins, etc., which would lead to the conclusion that this area is not unlike another in-so-far as geologic conditions are concerned. Therefore, with the great extent of the scheelite bearing limestone, as seen from surface and shallow indications, it appears that the limestone extends to considerable depth, and with depth, the scheelite concentration increases.

The scheelite was probably deposited in the following manner: hot ascending magmatic solutions which originated from a cooling and crystallizing magma moved upward, and as the pressure and temperature became less (probably in the order of 300 - 500 degrees centigrade) deposition of the scheelite resulted by con-

bining MO_3 with CaO and liberating CO_2. The CaO plus the MO_3 then formed $CaMO_4$. The CO_2 combined with the supersaturated steam and any ground water present as vapor to form carbonic acid.

Percolating ground water has deposited calcite, and other minerals in the in the fracture cracks of the metamorphosed limestone. Dendritic patterns of manganese dioxide are found throughout the ore area.

The stibnite found directly to the W of the sinc shaft, could be attributed to deposition by replacement of the limestone by the last phases of magmatic activities. This is thought to be the case because stibnite is usually ~~deposited~~ deposited by the action of hot springs. Since stibnite is often associated with intrusive rocks and does occur as a replacement in limestone, we may assume that White Roller No. One had at least one small fissure that was being fed by heated ground water for a short period of time.

[redacted]

ECONOMIC CONSIDERATIONS

The geological features of the site are very favorable for mining purposes because of the previously described topographical features as described in the Geographic Section. It is easily seen that with the ore body outcropping over a large area of the steeply sloping site, that strip mining is by far the cheapest and most rapid means of recovering the ore. The method of recovery as planned by the Parker Mining and Milling Corporation will be as follows: The ore body will be drilled with shot holes, dynamited, and the resulting loosened ore will then be skip loaded into dump trucks. It is anticipated that no hoisting of the ore will be necessary for three to four months based on an average normal rate of seventy-five (75) tons per twenty-four hour shift. After this period of three to four months of mining and milling has passed, the mill capacity will be ~~exp~~ stepped up to one hundred (100) tons per day.

The pits and six exploration holes in addition to the mine shaft and the exposed outcroppings on the ridge (S 13° of the shaft) all show scheelite in favorable concentrations. Of these several pits, and exploration holes, two located east of the mine shaft have rather outstanding characteristics peculiar to themselves: SE of the shaft, a small exploratory hole shows a Stibnite content of .75% along with the 1% $CaWO_4$ content in the metamorphosed limestone. NE of the mine shaft an exploration hole twenty feet long and seven feet deep was cut approximately thirty feet from the mine shaft, and in this hole is found a combination of Molybdenum combined with the scheelite. The Molybdenum concentration is .03%. It may be noted that this same combination is found at depth in the north wall of the shaft at a depth of fifty-five feet. Copper as Malachite is found in the area of White Dollar No. One at various and scattered places and the concentration averages .02% Malachite. Gold, is found in the shaft area and at depth, averaging .01 oz per ton of scheelite ore. Silver, also found in this area averages 1/20 ounce per ton.

Several wells are in close proximity of the area. Most of these wells will produce x 3-8 gallons per minute under pumping conditions.

The main product to be extracted will of course be scheelite from the White Dollar Group. A secondary recovery of other metals may be undertaken if conditions do warrant their market for economic reasons.

The estimated value of scheelite as calculated from the surface and sub-surface indications will be on the order of $6,000,000. This figure was derived by calculating the known ore deposit as shown by both the surface indications and indications found in the mine shaft at a depth of 55'. In reaching the six million dollar estimate, the ore body was assumed to contain 1% scheelite in a total of 150,000 tons of ore. The writer feels that the figures are definitely on the conservative side and that in all probability, considering the great areal extent of the ~~deposit~~ deposit, that a figure approaching 400,000 to 500,000 tons is more than a definite possibility.

Diamond drilling of a series of holes in the ore body would give a complete log of the values and the concentration of scheelite in the ore body. A program of such work has been discussed by the writer and Frank Parker, President of the Parker Mining and Milling Corporation. It was concluded that a series of diamond drilled core holes should be started as soon as possible in order to determine the economic value of the White Dollar No. One, and to also check the ore body at depth for any commercial indications of either (a) veins, lenses, etc., of strategic ores, or (b) underground water which may or may not be a factor to be dealt with in the removal of ore from the site. A minimum of four core holes drilled (see long range ~~development~~ development plan map) would give a good comprehensive log of the ore body. Six core holes would be more favorable for the site's exploration work, and this number of cores is highly recommended by the writer as the number necessary for accurate calculation of commercially recoverable ore.

The Parker Mining and Milling Corporation has designed and is now in the final phases of constructing a mill that contains both gravity tables and flotation

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D.C.
NOV 13 1951

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. D.M.A. 2229

Date received 11-13-51

Participation

Parker Mining and Milling Corporation
Box 202
Barstow, California

Name and address of applicant

Date 5 November 1951

FILL IN THIS BLOCK

Date of application 5 November 1951

Estimated cost $75,000

Mineral or metal Scheelite

Percentage of Government participation 66.66%

Location of mine Ord Mt. Mining District
San Bernardino County, California

Date of filing MF-100 5 November 1951

DMA Docket Number, if available none

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.

Parker Mining & Milling Corporation (Name of company) By Frank A. Parker (Signature of authorized official)

5 November 1951 (Date) President (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

STATEMENT 19 October 1951

1. Corporation

2. None

3. Frank A. Parker Box 202 Barstow, California
President

T. A. Parker
Secretary and Treasurer Box 202 Barstow, California

James O. Porter
Vice-President Box 626 Alturas, California

Willard O. Miller, RR # 1 Gresham, Oregon

R.M. Chapin Barstow, California

4. All persons who are connected with this company have had an average of 15 (fifteen) years of mining experience.

5. Lessee

6. Inapplicable

7. See copy of attached lease. In good standing.

8. See copy of attached financial statement.

9. $15,000. Yes, it is sufficient to pay the part of the cost of the Corporation's part as detailed in question 25.

10. (a) Mill property description:
3,400' west of the E boundary of sec 36 T10N R2W and on the North boundry of Highway 466. Consists of 22 acres more or less. Property previously a part of the Waterman Ranch.

(b) White Dollar Group of claims lies in the NE ¼ of Section 7, T7N R2E of San Bernardino County, California.
See Book 317, page 155, for White Dollar No. 1.
See Book 317, page 157, for White Dollar No. 2.
See Book 317, page 152, for White Dollar No. 3.
And ammended location White Dollar No. 1, Book 319 page 46; White Dollar No. 2, book 319 page 47; White Dollar, book 319 page 48 now known as the White Dollar group of mining claims as recorded at the County Recorders Office in the County of San Bernardino, California

Frank A. Parker
Box 202
Barstow, California

11. [illegible] as shown previously in the [illegible].

12. With reference to 10(a) (mill site) the property is located two (2) miles from the city of [illegible] town, San [illegible] County, California; one and one-half (1½) miles from the A.T.&S.F. railroad station and [illegible] hundred (1,200) feet from [illegible] highway 466; one and one-half miles from the [illegible] S.P. railroad shipping point; zero (0) feet from a trucking shipping point; The direction for the shipping points, direction to the town of Barstow, is South East. The type of roads are macadam and concrete, and the roads are in first class condition.

With reference to 10(b) the mine site is located sixteen and one-half miles from the town of Daggett, San Bernardino County, California in a [illegible] direction from said town. The site is located sixteen and one-half miles from the [illegible] of the [illegible] yard at Daggett, California. The site is sixteen and one-half miles from U.S. Highway 466. The site is in a [illegible] direction from the above stated locations. The type of road leading from the first cross highway, U.S. 466 is a graded dirt road that is high gear road all of the way from U.S. Highway 466 to the mine. The dirt road is owned by the County of San Bernardino except for the last two (2) miles of road to the mine site---this last two miles of road was constructed by the operator of the mine site and is in fair condition with little improvement needed to make it equal to the county dirt road. The mine site road is a high gear four wheel drive road.

13a. The source of water for the mill site (reference 10 (a)) is a well situated in the Mohave River bed and is 8' x 8' x 30' and is pumped by a three (3) HP electric driven [illegible] 8" discharge centrifugal pump which pumps water to the mill site a distance of fourteen hundred (1,400) feet. Sufficient water for operating a five hundred (500) ton mill. River bed has unlimited water for operation of any milling operation. Water is sufficient for all seasons of the year.

13b. Amount of electrical power to be used is fifty (50) H.P. the rate per hour is two and one-half (2½) cents per K.W. The source of power is California Electric Power Company located at Barstow, California.

Frank [illegible] Parker
Box 20[illegible]
Barstow, California

Frank . Carter Page [illegible]
Box [illegible]
Barstow, California

14. 1. Mill: The mill is a flotation and gravity table-mill combining and being equipped with the following equipment: (Installed equipment) water storage tank; ore storage hopper(s); fifty (50) ton capacity ball mill, electrically operated belts for moving ore from storage to ball mill; crusher; gravity tables; cones; sand pumps; necessary piping, etc., for present and proposed installations; concrete floor, concrete foundations for equipment; concrete foundation for sheet iron and frame building covering mill. Also included in above-classifier, jigs. (Proposed equipment) flotation cells; sand pumps; and Denver mineral jig; necessary equipment to operate proposed equipment.

2. Laboratory: Portion of equipment necessary for wet-lab work on hand and portion of equipment for a fire assay office on hand.

3. Mine Site: Storage building (10' x 50') sheet iron and wood frame for general storage use; Inclined shaft; head frame; hoist; stationary air compressor; Worthington 105 portable air compressor; jack hammers, drills, air hose, miner's shack; two (2) small sheds; miscellaneous equipment; road running through mine site; Butane stove, water tanks, etc.

4. Vehicles: Buick (1947) for transportation of personnel; 1941 Weapons Carrier for milling use.

15. Ore mucked at mill and transported either to railroad terminal for shipment or can be shipped by truck directly from the mill. Milling done by gravity and flotation process and concentrated. Milling to be done at the Carter Mill located as stated in question #10 (a) on page one of this report.

16. (a) Previous exploration consists of several prospect shafts and drifts cut in this site around 1940 and 1941 by parties not now known to the Corporation. Small development on a non-producing gold claim at the site, consisting of drifts and raises. There has been very little production in this zone due to the fact that during the previous years there has not been any mill or smelter close enough to be of to warrant economic consideration. Frank . Carter has shipped twenty tons of scheelite ore to the Pacific Mine Company, Bishop, California on 12 June 1951 which netted said person the sum of $796.80.

(b) None, due to the long freight haul as previously described in question 16 (a).

(c) As stated in report covering mine examination, recommended exploration and development shall not exceed 1

17. Production:

	Tons/day	grade or analysis	cost/ton	net value per ton
(1) Mining	DEVELOPMENT WORK		DEVELOPMENT WORK	
(2) Milling	DEVELOPMENT WORK		DEVELOPMENT WORK	
(3) Shipped or Sold	50 tons as previously stated in question #16 (a)			

18. (a) Ore deposit consists of a metamorphosed limestone containing scheelite (2 to 1½ content) Very small amount of malachite present. Ore deposit is known to be approximately fifteen hundred (1,500) feet long by two hundred (200) feet wide and extends vertically to an unknown depth. Shaft has been sunk through this deposit for a depth of fifty (50) feet and shows scheelite the entire distance.

(b) See attached maps and assay data.

(c) Estimated tonnage is 100,000 tons of known ore and an estimated 400,000 tons of ore assumed to be at depth beneath known deposit. One vein of ore deposit.

19. Inapplicable. Questions previously answered cover conditions and circumstances adequately.

Frank W. Porter
Box 242
Barstow, California

20. Exploration will be conducted for SCHEELITE and any secondary minerals of economic importance that may be commercially recoverable. The deposit is a steeply dipping, metamorphosed limestone bed which has an exposed surface of about two hundred (200) feet in width by fifteen hundred (1,500) feet in length. The bed will be strip-mined until conditions become such that regular shaft and drift mining will be necessary. It is thought that the area can be strip mined for three (3) to four (4) months.

21. Proposed work at the Mine Site:

Four (4) open cuts (100' x 200') at the mine site (see topographical map and long range development plan map for exact locations of the four (4) cuts) to be cut into the ore body for exploration purposes. Development of the mine road for use of heavier type of vehicles than are now presently being used. Construction of sheet iron and wood frame type storage building(s) to store equipment. Construction of a small kitchen and toilet facilities for personnel employed at the mine site. Construction of necessary roads at the mine site for moving equipment over portions of the mine site. [illegible] LENGTH OF TIME TO COMPLETE EXPLORATION OF MINE SITE IS BY THE MONTH.

Mill Site-completion of iron sheet and wood frame construction. Building a small assay office. Procuring equipment to complete a wet-assaying and a fire assaying lab for the above mentioned assay office. Installing larger water line from water source to the mill and installing larger pump for same. Installing Denver Mineral Jig. Installation of [illegible] and pumps. Installing dryer and magnetic separator. [illegible] PRESENT CONSTRUCTION OF MILL IS BY THE MONTH.

22. See attached geological report with accompanying [illegible], maps, and photographs of both mine site and mill site.

Frank [illegible] Parker
[illegible]
[illegible], California

22. (a)

6 general construction men at mill for three months $15.00 per day---------- 5,400.00
1 mechanic for mill for three months at 16.00 per day---------- 960.00
2 miners at mine for two months at $15.00 per day---------- 1,200.00
2 muckers at mine for two months at 14.00 per day---------- 1,120.00
2 pneumatic tool operators at mine for two months at $16.00 per day---------- 1,280.00
1 maintenance man at mine for two months at 16.00 per day---------- 640.00

(b)

Mill Superintendent, $500.00 per month for 3 months- 1,500.00
Mine superintendent, $500.00 per month for 2 months- 1,000.00
1 engineer for mine, $500.00 per month for 1 month-- 500.00
1 Assayer for mill, $400.00 per month for 2 months- 800.00

(c)

Improve tool shed at mine site---------- 500.00

(d)

Build dynamite and powder magazine shed at mine------ 500.00
Build assay office at mill site---------- 1,500.00
Build cook shack and chemical toilet facility at mine 1,000.00

(e)

1 sand pump 4" intake x 2" outlet for mill---------- 700.00
3-stage centrifugal pump for increased water supply to mill---------- 1,800.00
Denver Flotation cells for mill---------- 3,000.00
2 jack hammers for mine site use---------- 1,000.00
Additional land for mill (20 acres)---------- 2,000.00
1 Denver Mineral Jig (6 x 12 Duplex)---------- 1,000.00
Laboratory supplies and installation---------- 6,000.00
1 general purpose truck (to be used for both mine and mill purposes)---------- 3,000.00
Hose and pipe for mine (air and water to desired places for exploration work)---------- 1,000.00

Frank Parker
Box 102
Barstow, California

25 continued

(f)

Rental of D-8 Bulldozer and operator for two months at $100.00 per day---------- $4,000.00
Rental of one Skip-loader and operator for two months at $100.00 per week---------- 1,200.00
Rental of one Worthington 105 air compressor for two months at $200.00 per month---------- 400.00

(g)

All items now on property will be furnished without rental value (charge) by the Corporation----------

(h)

Miscellaneous articles (drill bits, tools, kitchen equipment, first aid kits, compressor repair, etc.)------ 500.00
Diamond drilling 1,200 feet at $4.00 per foot---------- 4,800.00
Gasoline and oil for two months---------- 600.00
Water for mine use and haulage fees---------- 300.00
Road improvement for two miles of mine site road---------- 1,000.00
Insurance coverage---------- 400.00
TOTAL $49,800.00

24.

Time schedule of the project stated in terms of months after project is approved, showing progress expected to be accomplished and the money spent in terms of the above is as follows:

1st month: Obtaining all necessary equipment and making improvements as necessary at the mine site; opening cuts number one and two; diamond drilling two holes; paying employees, insurance, payment for utilities used for above operations, etc. THIS ESTIMATE FOR MINE EXPLORATION PROGRAM.

2nd Purchasing and installing of all mill equipment listed in question number 23, paying employees, insurance, utilities, etc. THIS ESTIMATE FOR MILL CONSTRUCTION AND COMPLETION.

TOTAL COST FOR THE FIRST MONTH FOR MINE AND MILL---- 36,790.00
(Equipment and labor, etc.)

Frank A. Parker
Box 212
Barstow, California

Page Seven

24. continued

2nd and 3rd months; Balance of exploration work at mine site and completing mill.

Total cost for 2nd and 3rd months

To be---------- 14,010.00

Frank A. Parker
Box 201
Ramtom, California

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOV 13 1 36 PM '51

NOT TO BE FILLED IN BY APPLICANT

Docket No. D.M.A.-2224

Date received 11-13-51

Parker Mining and Milling Corporation
Box 202
Barstow, California

Name and address of applicant

Date 11-5-51

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production _____
   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Frank A. Parker, Box 202 Barstow, California	President "D"	$5,000	$5,000	643.75	0	0	0
H.T. Parker, Box 202 Barstow, California	Secretary & Treasurer	$3,000	$5,000	643.75	0	0	0
James C. Porter Alturas, California	Vice-Pres.	$5,000	$40,000	250.0	0	0	0
Dr. R.H. Chapin Barstow, California	- - - - - -	not known	$50,000	362.5	0	0	0
Willard O. Miller Gresham, Oregon	- - - - - -	$10,000	$20,000	250.0	0	0	0
Howard L. Waldon 175W.93rd St. NYC NY	- - - - - -	$5,000	$6,000	125.0	0	0	0
Albert N. Thompson Yermo, California	- - - - - -	not known	not known	62.5	0	0	0
	Total	$28,000	x x x x x	1,100		x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	Not Issued	all stock now held in trusteeship with the state of California	$1,000/share	same as (b)	Corp formed 18 Aug. 51
Preferred stock	$		$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	$CaWO_4$	none	none	none	development
2. Quantity of product processed (specify unit of measure and type of process)	$CaWO_4$ concentrate	none	none	none	" "
3. Quantity and grade of product sold or shipped (specify units of measure)	73.27% WO_3	none	none	none	" "

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)	100,000	av. 1.0%	$65.00	85/100	$18.00
Indicated (probable)	500,000	av. ~~3/4%~~ 1.0% WO_3	$65.00	85/100	$22.00

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

Parker Mining & Milling Co
(Name of company)

By Frank A. Parker
(Signature of authorized official)

11-5-51
(Date)

President
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

1. Materials produced:

(a) Chief mine & mill product is TUNGSTEN CONCENTRATE
(b) None

2. Name--White Dollar Group (mine), Type of mine--Open Pit strip mine; Parker Mining and Milling Corporation Mill, type of mill--gravity and flotation type of mill. No known old names for mine site.

(a) fifty (50) linear feet of shaft.
(b) one hundred and sixty-seven (167) feet of cross cuts & drifts.
(c) Zero (0) feet.
(d) Two hundred (200) feet of surface cuts exposing ore.

Mine is not flooded nor is there any indication of flooding conditions present. Productivity unlimited.

3. (a) Mine is sixteen and one half (16.5) miles from the town of Daggett, California and is also the same distance from a shipping point which is located at Daggett, California. As noted on form MF 103 question number 12, it is proposed to truck the ore to the Parker Mining and Milling Corporation Mill located on Highway 466 (California) for milling. This mill site would be considered the shipping point for CONCENTRATE ORE.
(b) Mining District----Ord Mountain District.
(c) 7N, section 7, R2E.
(d) San Bernardino, California

4. (a) Property is now under development by the Parker Mining and Milling Corporation.
(b) Lessee, on mining property. Owner of mill site.

5. Very little production as to date. Development work for past six months.
Will be in production upon completion of mill.

6. (a) and (b) are one and the same;

Mining experience as follows:

1 Year as Mill Superintendent at the Victory Metal Company, Colville, Washington.

3 Years as Mill Superintendent at the Highland Surprise Mining Company, Kellogg, Idaho.

Frank A. Parker
Box 202
Barstow, California

6. continued

8 months as Mill Superintendent at the Athletic Mining Company, Safford, Arizona.

6 months as Shift Boss at the Phelps Dodge Concentrator Mill, Morensi, Arizona.

1 Year General Superintendent (both Mine and Mill), Minas De Antimonio, Nogales Sonora Mexico.

1 Year Mill Superintendent at the Minas De Guatamo, Batuc Sonora, Mexico.

1 Year as General Superintendent (Both Mine and Mill) at the Aloo Mines, Boise, Idaho.

6 months as Superintendent at the Pacific Coast Mill and Mine, Barstow, California.

Also included in the above: Frank. A. Parker has held many jobs with other mining companies, holding all positions in mines and mills.

Business Experience as follows:

As general superintendent of the above mines and mills, Frank A. Parker was in charge of the purchasing, handling, control, and distribution of equipment and supplies. Management of personnel, and other detailed activities associated with the operation and management of the mining and milling business.

7. See MF 103 question number 16 (a), (b), and (c) with attached literature.

8. See MF 100 question number 8.

9, 10, See MF 100 questions number 9 & 10.

11. Mine now undergoing a program of exploration. Estimated rate of monthly production is one thousand (2,000) tons per month based on a twenty (20) day working month.

12. See form MF-103 question number 22 wherein it is stated that a geological report is attached to said report.

13. See question number 3(a) of this report.

14. See question number 14 (e) of Form MF-102 sheet number two.

15. See question number 13 (b) of Form MF-103 sheet number two.

16. See sheet number four of Form MF-103 question 17 wherein it is stated that work at the mine has been on a development basis and therefore no true recent representative payroll period can be given at this time. Work at the mill has been as a construction basis using construction employees and not mill employees, therefore no true representative payroll can be given at this time.

17. Mill equipment consists of the following:

Mill building 30' x 100' constructed of sheet steel covered wood frame structure.

Course ore bin of 50 ton capacity----------new condition
Grizzly for causing fines to pass through to belt and passing larger ore to crusher----------excellent condition
10"x 12"Universal Jaw crusher----------new condition
42' conveyor belt with drive, etc.----------good condition
14' x 9' fine ore bin----------excellent condition
(75 ton capacity, constructed of 3/8" steel)
6' feeder belt with motor and variable speed drive----------good condition
54" x 42" Ball Mill----------good condition
Lamley Jig----------excellent condition
19' x 2' Dorr Classifier----------good condition
2" Wilfley sand pump----------good condition
5' Allen Cone----------good condition
Distributor----------new condition
6' x 4' Bumper Table----------good condition
9' x 4' Bumper Table----------good condition
14' x 6' Bumper Table----------good condition
2" Wilfley Sand Pump----------TO BE ACQUIRED----------
Concentrate Dryer----------TO BE ACQUIRED----------
Magnetic Separator----------TO BE ACQUIRED----------
6 Cell, No. 18 Special Flotation Cells------TO BE ACQUIRED----
Flotation Dewaterer----------TO BE BUILT----------

Frank A. Parker
Box 202
Barstow, California

ALL OF THE ABOVE EQUIPMENT IS COMPLETE WITH ELECTRIC MOTORS. THIS INCLUDED A MILE OF POWER LINE (440 VOLTS AT MILL WITH 2200 VOLT LINE COMING TO MILL)

17 continued

Mine Equipment

Ingersoll Rand Model 105 air compressor,
complete with storage tank and one 75 HP
gasoline motor----------excellent condition
One, two hundred foot single drum hoist
with motor----------good condition
600 feet of 20 pound mine rail----------good condition
one, fifty ton ore bin with grizzly
covering----------new condition
One, Worthington Model 105 compressor,
complete----------new condition
Two, Cochise jack hammers with water heads---fair condition
100' of air hose----------new condition
100' of water hose----------good condition
1 complete set of tools, including picks, shovels,
bars, drill steel, bits, etc.----------good condition
One, 600 gallon water storage tank----------good condition
Two, mining cars, ¾ ton capacity----------good condition
Three, ore buckets, 1,000 pound capacity-----good condition

18. None.

LEASE AND OPTION TO PURCHASE

This AGREEMENT entered into this _____ day of _____, 1951, by and between J. Ralph McInerny, hereinafter referred to as lessor, and Parker Mining & Milling Company, Inc., a corporation, hereinafter referred to as lessee,

W I T N E S S E T H:

That for and in consideration of the sum of Ten Dollars ($10.00) lawful money of the United States, receipt of which is hereby acknowledged, and also in consideration of royalties, covenants and agreements hereinafter expressed to be paid, kept and performed, the lessor does hereby lease to the lessee, with option to purchase, the following described mining property or mining claims situated in the Ord Mountain Mining District, in the County of San Bernardino, State of California, to wit:

> Three unpatented mining claims respectively known as the White Dollar Mining Claim No. 1, book 317, page 155; White Dollar Mining Claim No. 2, book 317, page 157; white dollar Mining Claim, book 317, page 152. And amended Location White Dollar No. 1, book 319 page 46; White Dollar No. 2, book 319 page 47; White dollar, book 319 page 48 now known as the White Dollar group of mining claims.

The above claims are recorded in the County Recorder's office, San Bernardino, California, and consist of approximately 60 acres more or less.

Lessee agrees to start work not later than May 25, 1951, and to work continuously and develop said property in the usual manner as necessary to good and economical mining, with due regard to the safety, development and preservation of said premises as a workable mining property. To work and mine said premises steadily and continuously from, on or before May 25, 1951, and to perform at least sixty miner shifts or eight hours each per thirty days or each month.

To well and sufficiently timber said mine at all places where proper and to repair and replace old timber wherever it may become necessary.

To allow the lessor and his agents to enter upon and into all parts of said mine for the purpose of inspection at all reasonable times when such inspections shall not interfere with nor interrupt normal progress of mining or development work. To occupy and hold all cross or parallel lodes, dips, spurs, feeders, crevices, or mineral deposits of any kind which may be discovered in work under this lease as the property of the said lessor, with privilege to said lessee to work the same as an appurtenance of said demised premises during the term of his lease; and to not locate or record the same, or allow the same to be located or recorded, except in the name of said lessor. And to allow said lessor right of way or road easement over White Dollar No. 1 and White Dollar Claim No. 2 for the purpose of making accessible adjacent claims.

To keep books of account showing the amount of ores extracted from the said mine, the amount of ore shipped, sold or treated, and the amount of money received from the sale of ores or the values extracted threrfrom; that from and out of the values obtained from the ores so extracted and reduced, treated, sold, whipped or otherwise disposed of, said lessee will pay to said lessor ten per cent (10%) of the gross mill returns. In arriving at gross returns, transportation from mine to mill shall be allowed: that a duplicate of all mill returns shall be furnished by the said lessee to the said lessor; and that said books of account shall be open at all reasonable times to the said lessor and his representatives.

Lessee agrees to carry compensation insurance covering all workmen against loss or damage by reason of injuries arising out of an in the course of their employment upon said mining property and agrees to operate said property in a proper and miner-like manner and in all respects in conformity with Federal, State and County laws, ordinances and regulations. The said lessee shall have posted at all times in a conspicuous place on each of the mining claims herein agreed to a notice in writing that the lessor will

not be responsible for indebtedness for labor, materials, machinery or mechanics liens created by said lessee in connection with the work in operation of said property during existence of this agreement.

Lessee agrees to pay, at least five (5) days before delinquency, any and all taxes, assessments and imposts which may hereafter be levied against the property or any improvements placed by lessee on said property, as well as any taxes or assessments against recovered ore.

Time is the essence of this agreement. All interest and rights of lessee in and to the property hereunder and in and to this agreement shall be subject to forfeiture in the event of any default on his part in the performance of any one or more of the covenants and agreements herein contained on his part to be performed, at the option of the lessor; provided, however, that such default shall continue beyond the expiration of thirty (30) days after the receipt of written notice, the lessor may cancel this agreement which becomes null and void without further notice. All payments made hereunder shall be forfeited to lessor as liquidated damages. Lessee shall have not further right to said property or to purchase same and shall surrender peacefully, possession thereof without process of law.

This lease and option is for a period of two years from April 11, 1951, until April 11, 1953, unless terminated according to other provisions of said agreement. Lessee shall have the right to purchase said property at a price of thirty-seven thousand five hundred dollars ($37,500.00) any time during the life of this lease, less the amounts paid to the lessor in royalties during the life of this agreement. It is hereby agreed that the lessor will grant an additional two years to the lessee, provided all of the above conditions of this agreement have been fulfilled, for a total price of Seventy-five thousand dollars ($75,000.00)

Labor strikes, mine accidents, war, weather conditions beyond control, or acts of Providence generally which may temporarily prevent the lessee from carrying out the full terms and conditions of this agreement shall not be construed as a wilfull violation or default on the part of the lessee but proper allowances therefor shall be made in carrying out, contruing and enforcing the obligations of the lessee hereunder.

The entire contract between the parties hereto is written herein and neither party shall be bound by any agreement, understanding, condition or otherwise except as herein expressly stipulated.

The parties hereto bind themselves, their heirs, executors, administrators and assigns for the faithful performance of this agreement and contract; the provisions thereof, including all the privileges and obligations created thereby, shall inure to the benefit of and be binding upon their heirs, executors, administrators and assigns.

IN WITNESS THEREOF, the said lessor has caused this lease to be exectuted this _____ day of _____, 1951, and lessee, as duly authorized officers of the Parker Mining and Milling Co., a Corporation, have hereunto set their hands, and seal, all as of the day and year first above written.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
NOV 13 PM 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. D.M.A. 2229

Date received 11-13-51

Participation

Parker Mining and Milling Corporation
Box 202
Barstow, California

Name and address of applicant

Date 5 November 1951

FILL IN THIS BLOCK

Date of application 5 Novemeber 1951

Estimated cost $75,000

Mineral or metal Scheelite

Percentage of Government participation 66.66%

Location of mine Ord Mt. Mining District
San Bernardino County, California

Date of filing MF-100 5 November 1951

DMA Docket Number, if available none

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.

Parker Mining & Milling Corporation By Frank A. Parker
(Name of company) (Signature of authorized official)

5 November 1951 President
(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

1[illegible] [illegible]ober 1951

1. [illegible]

2. None

3. Frank [illegible] [illegible]r   [illegible]   [illegible]ton, California
   [illegible]r [illegible]

   [illegible] Parker
   Secretary-Treasurer [illegible]   Barstow, California

   James [illegible]
   Vice-President   Box 676   [illegible]mas, California

   William [illegible] Miller,   Route 2   [illegible], Oregon

   R.H. Chapin   [illegible], California

4. All [illegible] connected with this company have had an average of 15 (fifteen) years of mining experience.

5. None.

6. [illegible] filed [illegible]

7. See copy of [illegible] loan. [illegible] pending.

8. [illegible] copy of [illegible] financial statement.

9. $1,000. [illegible] sufficient to [illegible] the cost of [illegible] filed in the [illegible] 13.

10. [illegible] description:
    [illegible] 36 [illegible] consisting of [illegible] acres more or less. [illegible] previously [illegible]

11. White Collar [illegible] in the [illegible] of Section 7, [illegible] San Bernardino County, California.
    [illegible] Book 117, page 105, for White Collar No. 1.
    [illegible] Book 117, page 107, for White Collar No. 2.
    [illegible] Book 117, page 1[illegible], for White Collar No. 3.
    [illegible] amended location White Collar No. 1, Book 119 page 46; White Collar No. 2, Book 119 page 47; White Collar, Book 119 page 48 now known as the White Collar group of mining claims as recorded in the County Recorder's Office in the County of San Bernardino, California

Frank [illegible]
403 [illegible]
Barstow, California

11. White Dollar Group. No known previous name to area.

12. With reference to #10(a) (Mill Site) the property is located two (2) miles from the city of Barstow, San Bernardino County, California; one and one-half (1½) miles from the A.T.&S.F. Railroad Station and marshalling yards; twelve hundred (1,200) feet from California State Highway # 466; One and one-half miles from the A.T.& S.F. Railroad shipping point; Zero (0) feet from a trucking shipping point; The directions for the shipping points, direction to the town of Barstow, is South East. The types of roads are Macadam and concrete, and the roads are in first class condition.

With reference to #10 (b) the Mine site is located sixteen and one-half miles from the town of Daggett, San Bernardino County, California in a SE direction from said town. The site is located sixteen and one-half miles from the yards of the A.T.&.S.F. yard at Daggett, California. The site is sixteen and one-half miles from U.S. Highway #66. The site is in a SE direction from the above stated locations. The type of road leading from the first class highway, U.S. #66 is a graded dirt road that is a high gear road all of the way from U.S. Highway #66 to the mine. The dirt road is owned by the County of SAN BERNARDINO except for the last two (2) miles of road to the mine site---this last two miles of road was constructed by the operators of the mine site and is in fair condition with little improvement needed to make it equal to the county dirt road. This mine site road is a high gear passenger car road.

13a. The source of water for the Mill Site (reference #10 (a)), is a well situated in the Mohave River bed and is 8' x 8' x 30' and is pumped by a three (3) HP electric driven 3" intake 2" discharge centrifical pump which pumps water to the mill site a distance of fourteen hundred (1,400) feet. Sufficient water for operating a five hundred (500) ton mill. River Bed has unlimited water for operation of any milling operations. Water is sufficient for all seasons of the year.

13b. Amount of electrical power to be used is fifty (50) HP. the rate per hour is two and one-half (2½) cents per KW. The source of power is California Electric Power Company located at Barstow, California.

Frank A. Parker
Box 202
Barstow, California

14. 1. Mill: The Mill is a floatation and gravity table-mill consisting of/or being equipted with the following equipment: (Installed equipment) water storage tank; ore storage hopper(s); fifty (50) ton capacity ball mill, electrically operated belts for moving ore from storage to ball mill; crusher; gravity tables; cones; sand pumps; necessary piping, etc., for present and proposed installations; concrete floor, concrete foundations for equipment; concrete foundation for sheet iron and frame building covering mill. Also included in above-classifier. Jigs. (Proposed equipment) flotation cells; sand pumps; and Denver Mineral Jig; necessary equipment to operate proposed equipment.

2. Laboratory: Portion of equipment necessary for wet-lab now on hand and portion of equipment for a fire assay office on hand.

3. Mine Site: Storage building (10' x 20') sheet iron and wood frame for general storage use; Inclined shaft; head frame; hoist; stationary air compressor; Worthington 105 portable air compressor; jack hammers, drills, air hose, miner's shack; two (2) small sheds; miscellaneous equipment; road running through mine site; Butane stove, water tanks, etc.

4. Vehicles: Buick (1947) for transportation of personnel; 1941 Weapons Carrier for utility use.

15. Ore sacked at Mill and transported either to railroad terminal for shipment or can be shipped by truck directly from the mill. Milling done by gravity and flotation process and concentrated. Milling to be done at the Parker Mill located as stated in question #10 (a) on page one of this report.

16. (a) Previous exploration consists of several prospect shafts and drifts cut in this site around 1940 and 1941 by parties not now known to the Corporation. Small development on a non-producing gold claim at the site, consisting of drifts and raises. There has been very little production in this zone due to the fact that during the previous years there has not been any mill or smelter close enough to the site to warrant economic consideration. Frank A. Parker has shipped twenty tons of Scheelite ore to the Black Rock Mine Company, Bishop, California on 12 June 1951 which netted said person the sum of $796.86.

(b) None, due to the long freight haul as previously described in Question #16 (a).

(c) See attached statement covering mine examinations, recommended exploration and development and metallurgical

17. Production:

	Tons/day	grade or analysis	cost/ton	net value per ton
(1) Mining	DEVELOPMENT WORK		DEVELOPMENT WORK	
(2) Milling	DEVELOPMENT WORK		DEVELOPMENT WORK	
(3) Shipped or Sold	20 tons as previously stated in question #16 (a)			

18. (a) Ore deposit consists of a metamorphosed limestone containing Scheelite (½ to 1½% content) Very small amount of malachite present. Ore deposit is known to be approximately fifteen hundred (1,500) feet long by two hundred (200) feet wide and extends vertically to an unknown depth. A shaft has been sunk through this deposit for a depth of fifty (50) feet and shows scheelite the entire distance.

(b) See attached maps and assay data.

(c) Estimated tonnage is 100,000 tons of known ore and an estimated 400,000 tons of ore assumed to be at depth beneath known deposit. One class of ore deposit.

19. Inapplicable. Questions previously answered cover conditions and circumstances adequately.

Frank A. Parker
Box 808
Barstow, California

20. Exploration will be conducted for SCHEELITE and any secondary minerals of economic importance that may be commercially recoverable. The deposit is a steeply dipping, metamorphosed limestone bed which has an exposed surface of about two hundred (200) feet in width by fifteen hundred (1,500) feet in length. The bed will be strip-mined until conditions become such that regular shaft and drift mining will be necessary. It is thought that the area can be strip mined for three (3) to four (4) months.

21. Proposed work at the Mine Site:

Four (4) open cuts (100' x 200') at the mine site (see topographical map and long range development plan map for exact locations of the four (4) cuts) to be cut into the ore body for exploration purposes. Development of the mine road for use of heavier type of vehicles than are now presently being used. Construction of sheet iron and wood frame type storage building(s) to store equipment. Construction of a small kitchen and toilet facilities for personnel employed at the mine site. Construction of necessary roads at the mine site for moving equipment over portions of the mine site. PROPOSED LENGTH OF TIME TO COMPLETE EXPLORATION OF MINE SITE TO BE <u>TWO MONTHS</u>.

Mill Site-completion of iron sheet and wood frame construction. Building a small assay office. Procurring equipment to complete a wet-assaying and a fire assaying lab for the above mentioned assay office. Installing larger water line from water source to the mill and installing larger pump for same. Installing Denver Mineral Jig. Install Flotation cells. Sand pumps. Installing dryer and magnetic separator. PROPOSED TIME TO COMPLETE CONSTRUCTION OF MILL TO BE <u>THREE MONTHS</u>.

22. See attached geological report with accompanying papers, maps, and photographs of both mine site and mill site.

Frank A. Parker
Box 202
Barstow, California

23. (a)

8 general construction men at mill for three months @ $15.00 per day	$5,400.00
1 mechanic for mill for three months at $15.00 per day	960.00
2 miners at mine for two months at $15.00 per day	1,200.00
2 muckers at mine for two months at $14.00 per day	1,120.00
2 pneumatic tool operators at mine for two months at $15.00 per day	1,200.00
1 maintenance man at mine for two months at $14.00 per day	840.00

(b)

Mill Superintendent,	$500.00 per month for	3 months	1,500.00
Mine superintendent,	$500.00 per month for	2 months	1,000.00
1 Engineer for mine,	$500.00 per month for	1 month	500.00
1 Assayer for mill,	$400.00 per month for	2 months	800.00

(c)

Improve tool shed at mine site	500.00

(d)

Build dynamite and powder magazine shed at mine	500.00
Build assay office at mill site	1,500.00
Build cook shack and chemical toilet facility at mine	1,500.00

(e)

1 sand pump 4" intake x 2" outlet for mill	700.00
3-stage centrifugal pump for increased water supply to mill	1,800.00
Denver Flotation cells for mill	3,000.00
2 jack hammers for mine site use	1,000.00
Additional land for mill (20 acres)	2,500.00
1 Denver Mineral Jig (8 x 12 Duplex)	1,000.00
Laboratory supplies and installation	4,000.00
1 general purpose truck (to be used for both mine and mill purposes)	5,000.00
Hose and pipe for mine (air and water to desired places for exploration work)	1,000.00

Frank A Parker
Box 202
Barstow, California

23 continued

(f)

Rental of D-8 Bulldozer and operator for two months at $100.00 per day	$4,000.00
Rental of one Skip-loader and operator for two months at $150.00 per week	1,200.00
Rental of one Worthington 105 air compressor for two months at $200.00 per month	400.00

(g)

All items now on property will be furnished without rental value (charge) by the Corporation

(h)

Miscellaneous articles (drill bits, tools, kitchen equipment, first aid kits, compres or repair, etc.)	500.00
Diamond drilling 1,200 feet at $4.00 per foot	4,800.00
Gasoline and oil for two months	500.00
Water for mine use and haulage fees	500.00
Road improvement for two miles of mine site road	1,000.00
Insurance coverage	400.00
TOTAL	$[illegible],800.00

24.

Time schedule of the project stated in terms of months after project is approved, showing progress expected to be accomplished and the money spent in terms of the above is as follows:

1st month: Obtaining all necessary equipment and making improvements as necessary at the mine site; opening cuts number one and two; diamond drilling two holes; paying employees, insurance, payment for utilities used for above operations, etc. THIS ESTIMATE FOR MINE EXPLORATION PROGRAM.

Purchasing and installing of all mill equipment listed in question number 23, paying employees, insurance, utilities, etc. THIS ESTIMATE FOR MILL CONSTRUCTION AND COMPLETION.

TOTAL COST FOR THE FIRST MONTH OF BOTH MINE AND MILL---$35,790.00
(Equipment and labor, etc.)

Frank A. Parker
Box 202
Barstow, California

24. continued

2nd and 3rd months: Balance of exploration work at mine site and completing mill.

Total cost for 2nd and 3rd months

To be----------$14,010.00

Frank A. Parker
Box 202
Barstow, California

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA

NOV 13 | 36 PM '51

FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. D.M.A. 2229

Date received 11-13-51

Parker Mining and Milling Corporation
Box 202
Barstow, California

Name and address of applicant

Date 11-5-51

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry(ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Frank A. Parker, Box 202 Barstow, California	President D	$5,000	$5,000	643.75	0	0	0
H. T. Parker, Box 202 Barstow, California	Secretary & Treasurer	$3,000	$5,000	643.75	0	0	0
James C. Porter Alturas, California	Vice-Pres.	$5,000	$40,000	250.0	0	0	0
Dr. R. H. Chapin Barstow, California	- - - -	not known	$50,000	362.5	0	0	0
Willard O. Miller Gresham, Oregon	- - - -	$10,000	$20,000	250.0	0	0	0
Howard L. Waldron 175 W. 93rd St. N.Y.C.N.Y.	- - - - -	$5,000	$6,000	125.0	0	0	0
Albert N. Thompson Yermo, California	- - - - - -	not known	not known	62.5	0	0	0
	Total	$28,000	x x x x x	1,100	0	x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$ not issued	$ all stock now being held in trusteship with the state of California	$ 1,000/share	same as (b)	Corp formed 18 Aug 51
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	$CaWO_4$	none	none	none	development
2. Quantity of product processed (specify unit of measure and type of process)	$CaWO_4$ concentrate	none	none	none	development
3. Quantity and grade of product sold or shipped (specify units of measure)	73.27% WO_3	none	none	none	development

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)	100,000	av.1%	$65.00	85/100	$18.00
Indicated (probable)	500,000	3/4-1%	$65.00	85/100	$22.00

WO_3

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

Parker Mining & Milling Co
(Name of company)

By Frank C. Parker
(Signature of authorized official)

11-5-51
(Date)

President
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

1. Materials produced:

(a) Chief mine & mill product is TUNGSTEN CONCENTRATE
(b) None

2. Name--White Dollar Group (mine), Type of mine--Open Pit strip mine; Parker Mining and Milling Corporation Mill, type of mill--gravity and flotation type of mill. No known old names for mine site.

(a) fifty (50) linear feet of shaft.
(b) one hundred and sixty-seven (167) feet of cross cuts & drifts.
(c) Zero (0) feet.
(d) Two hundred (200) feet of surface cuts exposing ore.

Mine is not flooded nor is there any indication of flooding conditions present. Productivity unlimited.

3. (a) Mine is sixteen and one half (16.5) miles from the town of Daggett, California and is also the same distance from a shipping point which is located at Daggett, California. As noted on form MF 103 question number 12, it is proposed to truck the ore to the Parker Mining and Milling Corporation Mill located on Highway 466 (California) for milling. This mill site would be considered the shipping point for CONCENTRATE ORE.
(b) Mining District----Ord Mountain District.
(c) 7N, section 7, R2E.
(d) San Bernardino, California

4. (a) Property is now under development by the Parker Mining and Milling Corporation.
(b) Lessee, on mining property. Owner of mill site.

5. Very little production as to date. Development work for past six months.
Will be in production upon completion of mill.

6. (a) and (b) are one and the same;

Mining experience as follows:

1 Year as Mill Superintendent at the Victory Metal Company, Colville, Washington.

3 Years as Mill Superintendent at the Highland Surprise Mining Company, Kellogg, Idaho.

Frank A. Parker
Box 202
Barstow, California

6. continued

8 months as Mill Superintendent at the Athletic Mining Company, Safford, Arizona.

6 months as Shift Boss at the Phelps Dodge Concentrator Mill, Morensi, Arizona.

1 Year General Superintendent (both Mine and Mill), Minas De Antimonio, Nogales Sonora Mexico.

1 Year Mill Superintendent at the Minas De Guatamo, Batuc Sonora, Mexico.

1 Year as General Superintendent (Both Mine and Mill) at the Alco Mines, Boise, Idaho.

6 months as Superintendent at the Pacific Coast Mill and Mine, Barstow, California.

Also included in the above: Frank. A. Parker has held many jobs with other mining companies, holding all positions in mines and mills.

Business Experience as follows:

As general superintendent of the above mines and mills, Frank A. Parker was in charge of the purchasing, handling, control, and distribution of equipment and supplies. Management of personnel, and other detailed activities associated with the operation and management of the mining and milling business.

7. See MF 103 question number 16 (a), (b), and (c) with attached literature.

8. See MF 100 question number 8.

9, 10, See MF 100 questions number 9 & 10.

11. Mine now undergoing a program of exploration. Estimated rate of monthly production is one thousand (1,000) tons per month based on a twenty (20) day working month.

12. See form MF-103 question number 22 wherein it is stated that a geological report is attached to said report.

13. See question number 3(a) of this report.

14. See question number 14 (e) of Form MF-102 sheet number two.

15. See question number 13 (b) of Form MF-103 sheet number two.

16. See sheet number four of Form MF-103 question 17 wherein it is stated that work at the mine has been on a development basis and therefore no true recent representative payroll period can be given at this time. Work at the mill has been as a construction basis using construction employees and not mill employees, therefore no true representative payroll can be given at this time.

17. Mill equipment consists of the following:

Mill building 30' x 100' constructed of sheet steel covered wood frame structure.

Course ore bin of 50 ton capacity----------new condition
Grizzly for causing fines to pass through to belt and passing larger ore to crusher----------excellent condition
10"x 12"Universal Jaw crusher----------new condition
42' conveyor belt with drive, etc.----------good condition
14' x 9' fine ore bin----------excellent condition
(75 ton capacity, constructed of 3/8" steel)
6' feeder belt with motor and variable speed drive----------good condition
54" x 42" Ball Mill----------good condition
Lamley Jig----------excellent condition
19' x 2' Dorr Classifier----------good condition
2" Wilfley sand pump----------good condition
5' Allen Cone----------good condition
Distributor----------new condition
6' x 4' Bumper Table----------good condition
9' x 4' Bumper Table----------good condition
14' x 6' Bumper Table----------good condition
2" Wilfley Sand Pump----------TO BE ACQUIRED----------
Concentrate Dryer----------TO BE ACQUIRED----------
Magnetic Separator----------TO BE ACQUIRED----------
6 Cell, No. 18 Special Flotation Cells------TO BE ACQUIRED----
Flotation Dewaterer----------TO BE BUILT----------

Frank A. Parker
Box 202
Barstow, California

ALL OF THE ABOVE EQUIPMENT IS COMPLETE WITH ELECTRIC MOTORS. THIS INCLUDES A MILE OF POWER LINE (440 VOLTS AT MILL WITH 2200 VOLT LINE COMING TO MILL)

17 continued

Mine Equipment

Ingersoll Rand Model 105 air compressor, complete with storage tank and one 75 HP gasoline motor----------excellent condition
One, two hundred foot single drum hoist with motor----------good condition
600 feet of 20 pound mine rail----------good condition
one, fifty ton ore bin with grizzly covering----------new condition
One, Worthington Model 105 compressor, complete----------new condition
Two, Cochise jack hammers with water heads---fair condition
100' of air hose----------new condition
100' of water hose----------good condition
1 complete set of tools, including picks, shovels, bars, drill steel, bits, etc.----------good condition
One, 600 gallon water storage tank----------good condition
Two, mining cars, ½ ton capacity----------good condition
Three, ore buckets, 1,000 pound capacity-----good condition

18. None.

LEASE AND OPTION TO PURCHASE

This AGREEMENT entered into this _____ day of _____, 1951, by and between J. Ralph McInerny, hereinafter referred to as lessor, and Parker Mining & Milling Company, Inc., a corporation, hereinafter referred to as lessee,

W I T NE S S E T H:

That for and in consideration of the sum of Ten Dollars ($10.00) lawful money of the United States, receipt of which is hereby acknowledged, and also in consideration of royalties, covenants and agreements hereinafter expressed to be paid, kept and performed, the lessor does hereby lease to the lessee, with option to purchase, the following described mining property or mining claims situated in the Ord Mountain Mining District, in the County of San Bernardino, State of California, to wit:

> Three unpatented mining claims respectively known as the White Dollar Mining Claim No. 1, book 317, page 155; White Dollar Mining Claim No. 2, book 317, page 157; white dollar Mining Claim, book 317, page 152. And amended Location White Dollar No. 1, book 319 page 46; White Dollar No. 2, book 319 page 47; White dollar, book 319 page 48 now known as the White Dollar group of mining claims.

The above claims are recorded in the County Recorder's office, San Bernardino, California, and consist of approximately 60 acres more or less.

Lessee agrees to start work not later than May 25, 1951, and to work continuously and develop said property in the usual manner as necessary to good and economical mining, with due regard to the safety, development and preservation of said premises as a workable mining property. To work and mine said premises steadily and continuously from, on or before May 25, 1951, and to perform at least sixty miner shifts or eight hours each per thirty days or each month.

To well and sufficiently timber said mine at all places where proper and to repair and replace old timber whereever it may become necessary.

To allow the lessor and his agents to enter upon and into all parts of said mine for the purpose of inspection at all reasonable times when such inspections shall not interfere with now interrupt normal progress of mining or development work. To occupy and hold all cross or parallel lodes, dips, spurs, feeders, crevices, or mineral deposits of any kind which may be discovered in work under this lease as the property of the said lessor, with privilege to said lessee to work the same as an appurtenance of said demised premises during the term of his lease; and to not locate or record the same, or allow the same to be located or recorded, except in the name of said lessor. And to allow said lessor right of way or road easement over White Dollar No. 1 and White Dollar Claim No. 2 for the purpose of making accessible adjacent claims.

To keep books of account showing the amount of ores extracted from the said mine, the amount of ore shipped, sold or treated, and the amount of money received from the sale of ores or the values extracted threrfrom; that from and out of the values obtained from the ores so extracted and reduced, treated, sold, whipped or otherwise disposed of, said lessee will pay to said lessor ten per cent (10%) of the gross mill returns. In arriving at gross returns, transportation from mine to mill shall be allowed: that a duplicate of all mill returns shall be furnished by the said lessee to the said lessor; and that said books of account shall be open at all reasonable times to the said lessor and his representatives.

Lessee agrees to carry compensation insurance covering all workmen against loss or damage by reason of injuries arising out of an in the course of their employment upon said mining property and agrees to operate said property in a proper and miner-like manner and in all respects in conformity with Federal, State and County laws, ordinances and regulations. The said lessee shall have posted at all times in a conspicuous place on each of the mining claims herein agreed to a notice in writing that the lessor will

not be responsible for indebtedness for labor, materials, machinery or mechanics leans created by said lessee in connection with the work in operation of said property during existence of this agreement.

Lessee agrees to pay, at least five (5) days before delinquency, any and all taxes, assessments and imposts which may hereafter be levied against the property or any improvements placed by lessee on said property, as well as any taxes or assessments against recovered ore.

Time is the essence of this agreement. All interest and rights of lessee in and to the property hereunder and in and to this agreement shall be subject to forfeiture in the event of any default on his part in the performance of any one or more of the covenants and agreements herein contained on his part to be performed, at the option of the lessor; provided, however, that such default shall continue beyond the expiration of thirty (30) days after the receipt of written notice, the lessor may cancel this agreement which becomes null and void without further notice. All payments made hereunder shall be forfeited to lessor as liquidated damages. Lessee shall have not further right to said property or to purchase same and shall surrender peacefully, possession thereof without process of law.

This lease and option is for a period of two years from April 11, 1951, until April 11, 1953, unless terminated according to other provisions of said agreement. Lessee shall have the right to purchase said property at a price of thirty-seven thousand five hundred dollars ($37,500.00) any time during the life of this lease, less the amounts paid to the lessor in royalties during the life of this agreement. It is hereby agreed that the lessor will grant an additional two years to the lessee, provided all of the above conditions of this agreement have been fulfilled, for a total price of Seventy-five thousand dollars ($75,000.00)

Labor strikes, mine accidents, war, weather conditions beyond control, or acts of Providence generally which may temporarily prevent the lessee from carrying out the full terms and conditions of this agreement shall not be construed as a wilfull violation or default on the part of the lessee but proper allowances therefor shall be made in carrying out, contruing and enforcing the obligations of the lessee hereunder.

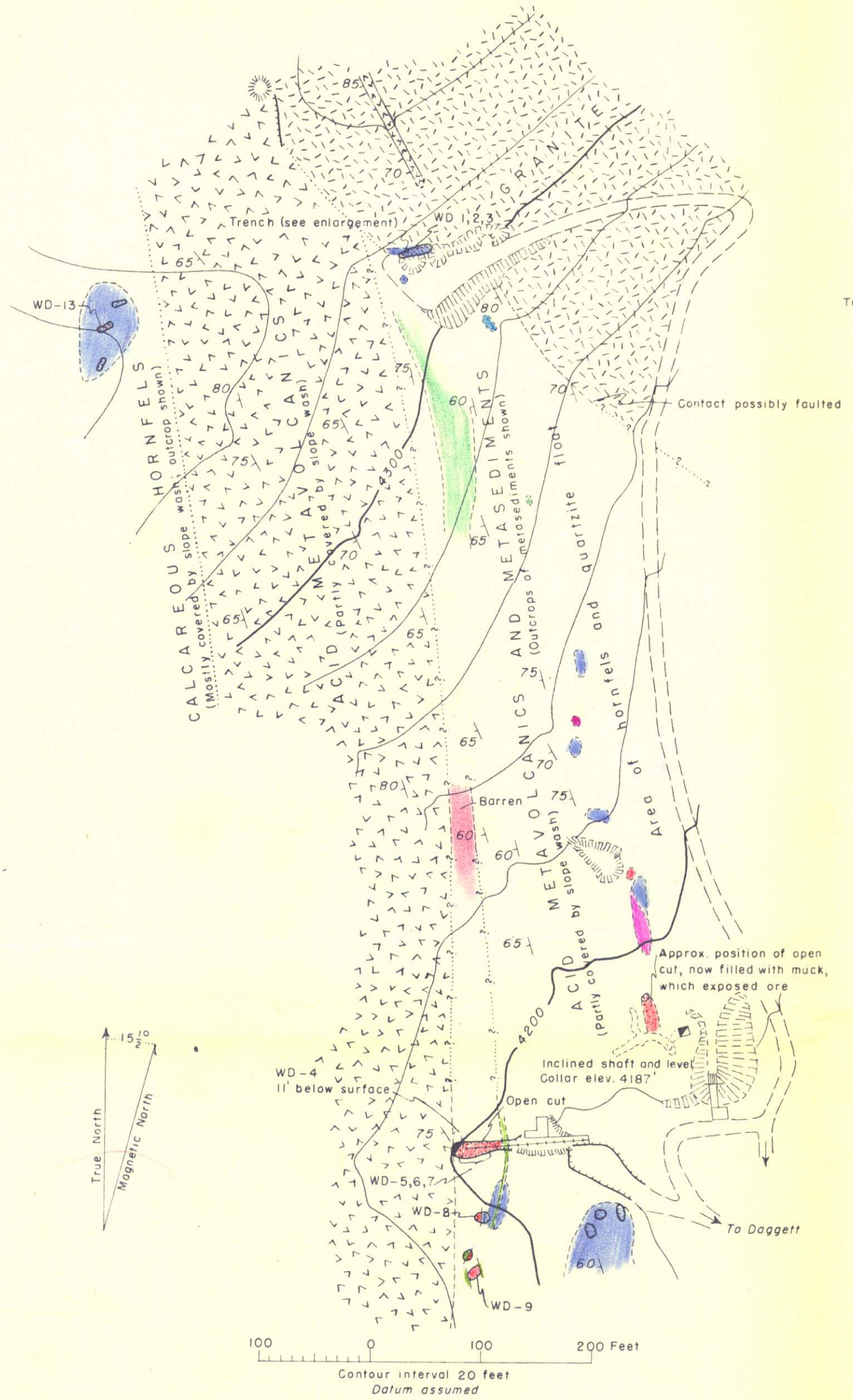
The entire contract between the parties hereto is written herein and neither party shall be bound by any agreement, understanding, condition or otherwise except as herein expressly stipulated.

The parties hereto bind themselves, their heirs, executors, administrators and assigns for the faithful performance of this agreement and contract; the provisions thereof, including all the privileges and obligations created thereby, shall inure to the benefit of and be binding upon their heirs, executors, administrators and assigns.

IN WITNESS WHEREOF, the said lessor has caused this lease to be exectuted this _____ day of _____, 1951, and lessee, as duly authorized officers of the Parker Mining and Milling Co., a Corporation, have hereunto set their hands, and seal, all as of the day and year first above written.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

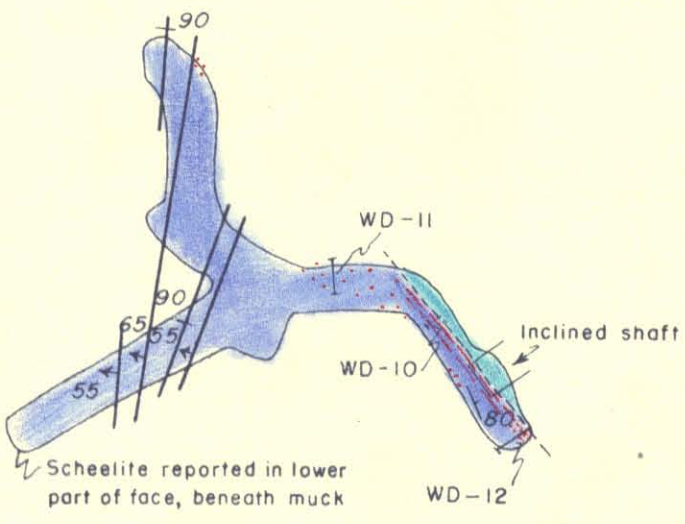
DMA-2229
(TUNGSTEN)



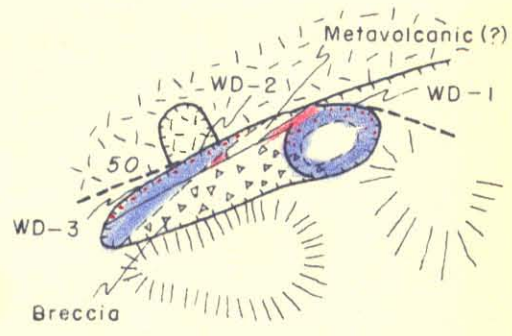
SURFACE MAP

EXPLANATION

- Granite
- Tactite containing scheelite
- Tactite containing little or no scheelite
- Marble
- Light colored hornfels
- Quartzite
- Mica schist
- Dark colored hornfels
- Acid metavolcanics
- 50 — Contact, showing dip (Dashed where approximately located)
- Concealed contact
- Probable contact, concealed
- 65 — Fault, showing dip
- 90 — Vertical contact
- 60 — Strike and dip of beds
- Shaft
- Prospect pit or open cut
- Dump
- Grizzly
- Haulage track



INCLINED SHAFT LEVEL
ELEV. 4156'

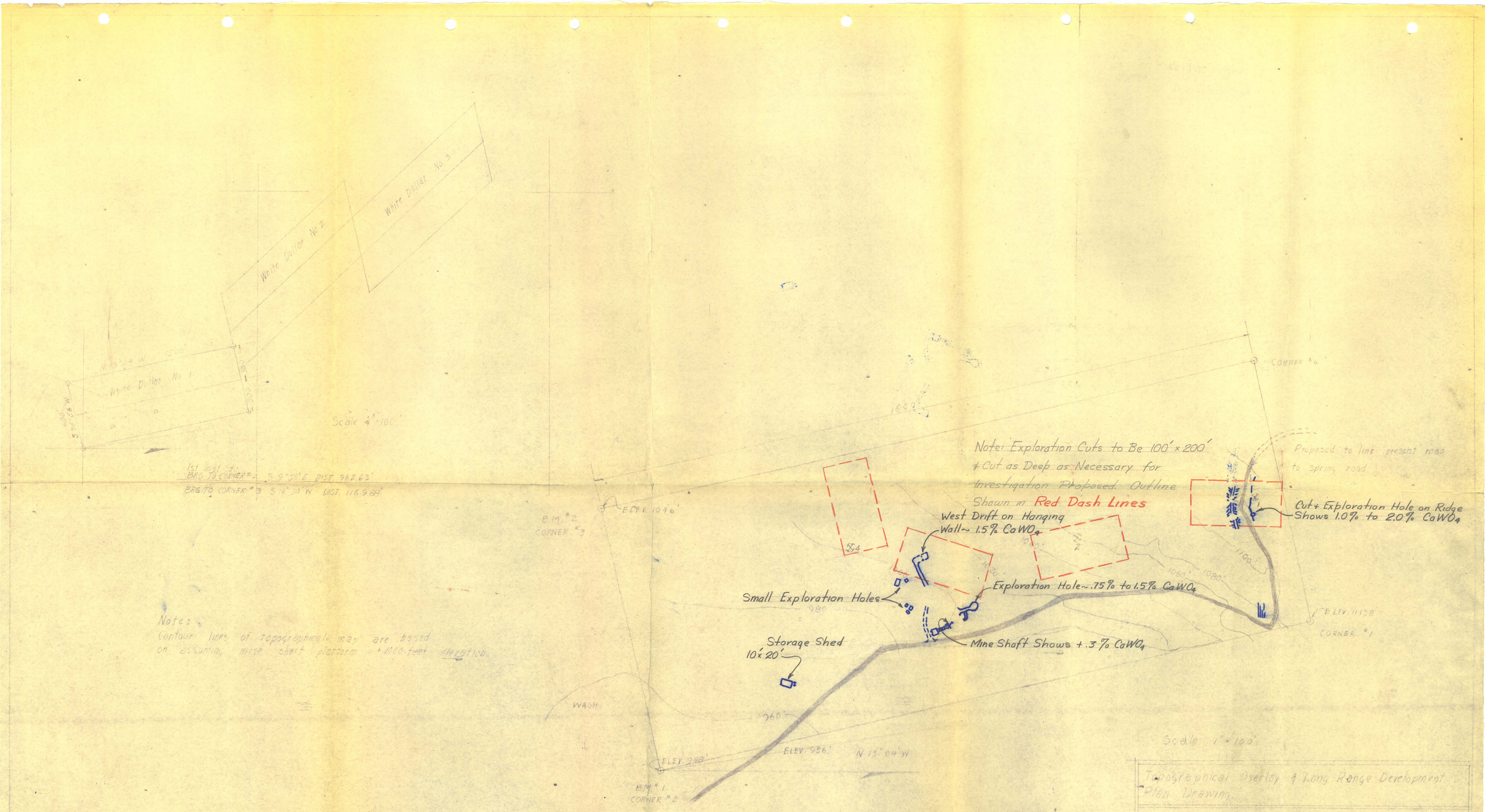


TRENCH

20 0 20 40 Feet

Mapped by P. C. Bateman and C. D. Rinehart
February 5, 1952

WHITE DOLLAR TUNGSTEN PROSPECT, SAN BERNARDINO COUNTY, CALIFORNIA


White Dollar No 3
White Dollar No 2
White Dollar No 1
N 13° 04' W 1500'
S 76° 56' W 1500'
Scale 1" = 100'
1st Inst. Pt.
BRG. TO CORNER #2 S 9° 30' E DIST. 962.63'
BRG TO CORNER #3 S 14° 30' W DIST. 1169.88'
B.M. #2
CORNER #3
ELEV. 1046'
Note:
Contour lines of topographical map are based on assuming mine shaft platform = 1000 feet elevation.
WASH
960'
ELEV. 948'
ELEV. 956'
N 13° 04' W
B.M. #1
CORNER #2
1800'
CORNER #4
Note: Exploration Cuts to Be 100' x 200'
& Cut as Deep as Necessary for
Investigation Proposed. Outline
Shown in Red Dash Lines
West Drift on Hanging
Wall ~ 1.5% $CaWO_4$
Small Exploration Holes
Exploration Hole ~ .75% to 1.5% $CaWO_4$
Storage Shed
10' x 20'
Mine Shaft Shows + .3% $CaWO_4$
Proposed to link present road
to spring road
Cut & Exploration Hole on Ridge
Shows 1.0% to 2.0% $CaWO_4$
ELEV. 1138'
CORNER #1
1100'
1080'
1060'
1040'
1020'
1000'
980'
Scale 1" = 100'
⊠ Symbols indicate proposed diamond core drilling locations.
Topographical Overlay & Long Range Development Plan Drawing.
Parker Mining & Milling Corp. — Barstow, California
Consulting Geologist: Eugene D. Lawrence
Surveyed by: Eugene D. Lawrence
Drawn by: Eugene D. Lawrence
Tr. Eugene D. Lawrence
Date: 18 October 1951
Approved: E.D. Lawrence
Approved: J.A.P.
Scale: As Shown