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

400

RECEIVED
JAN 10 1956

January 9, 1956

Memorandum

To: W. S. Martin, DMEA

From: G. L. DeHuff, Jr., Commodity Specialist, Branch of Ferrous Metals and Ferroalloys

Subject: DMEA-3983. Manganese. Death Valley Mining & Milling Corp. Review of Field Team Report

The property examined for which application for exploration assistance had been filed, known as the Third Chance and "K" groups of claims, is located in sec. 28, T2IN, ~~T2IN~~, R2E, S.B.B.& M., Inyo County, California.

The Field Team report provides the following information: ore found to date is small in size and low in grade over any mining width, the company plans a metallurgical operation before developing a minable ore orebody, there has been no production from the property, there is little probability of making a significant discovery of manganese ore at the Third Chance group, the low-grade bedded deposits of the "K" groups are of no economic value because metallurgical tests have indicated the material to be unamenable to beneficiation, the location of the deposit is remote, water and power are lacking, and the competence of the applicant is poor for work of the nature proposed. There are no underground workings, or improvements on the property.

The Field Team has recommended that the application be denied. I concur with the recommendation.

G. L. DeHuff, Jr.

JAN 3 1956

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

Re: Docket No. DMEA-3983, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Ricker:

We are enclosing a letter, with two extra copies for the Field Team, advising Mr. Sumner D. Dodge, Death Valley Mining and Milling Corporation, that, as he requested at your office on December 8, 1955, his application for exploration assistance has been withdrawn and we are removing the docket from our active files.

Please forward our letter to Mr. Dodge if it meets with your approval.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures

APPROVED:

/s/ Robert W. Gecham

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

cc: Docket
Code 400
Oper. Committee
Adm. Read. File
T. Kiilsgaard, USGS
G. DeHuff, USBM
FT, Reg. 2

TLChapman/ls
12/28/55

400

JAN 3 1956

Mr. Sumner D. Dodge
Death Valley Mining and Milling Corp.
520 Empire Building
Denver 2, Colorado

Re: Docket No. DMEA 5983, Manganese
Third Chance Mine
Inyo County, California

Dear Mr. Dodge:

Reference is made to your visit to the office of the Executive Officer, DMEA Field Team, Region II, on December 8, 1955, when we understand you requested that the subject application for exploration assistance be withdrawn. Accordingly, we are removing your application from our active files.

We wish to thank you for your interest in the Defense Minerals Exploration Administration's program and for bringing your property to our attention.

Sincerely yours,

C. O. Wilkinson

Administrator

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
G. DeHuff, USBM
FT, Reg. 3

TLChapman/ls
12/28/55

IN REPLY REFER TO:

400

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

RECEIVED
DEC 28 1955

December 22, 1955

Re: DMEA 3983
Death Valley Mining &
Milling Corp.
Third Chance Mine
Inyo Co., California
$121,896.00 - Manganese

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

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

Subject: Review of Field Team report.

The applicant asked assistance in an extensive work program on a narrow manganese vein.

The examiners conclude that, "a few test pits by the applicant might be justified but the probability of a significant ore body is very small and no Government assistance is warranted." It was found that the Third Chance mine when under the name of Evelyn's Delight had been examined in 1951 and an application for DMA assistance had been denied.

The description especially as it applies to the narrow vein and the nature of the material and the sampling support the conclusions and recommendations of the examiners and the Field Team that the application for assistance be denied.

I concur with the recommendations.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-12/22/55
cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
G. DeNuff, 3521

Copy retained 400

Copy retained 400

Copy retained 400

400

OCT 1 9 1955

Mr. Sumner D. Dodge, President
Death Valley Mining and Milling Corporation
500 Empire Building
Denver 2, Colorado

Re: Docket No. DMEA 3903 - Manganese
Third Chance Mine
Inyo County, California

Dear Mr. Dodge:

The above docketed application for exploration assistance has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. Spangler Richer, Executive Officer, DMEA Field Team, Region II, 1605 Evans Avenue, Reno, Nevada, for a field examination of the property.

Any assistance you can give the members of the Field Team will be appreciated.

Sincerely yours,

Frank E. Johnson

Acting Administrator

ADMcMahon/fec 10/18/55
cc to: Docket
Code 400
Adm. Read. File
Operating Comm.
FT. REG. II
Messrs. DeMaff, USBM
Killsgaard, USGS

400

OCT 1 9 1955

Mr. Spangler Richer, Executive Officer
DMEA Field Team, Region II
1685 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA 3983 - Manganese
Death Valley Mining & Milling
Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Richer:

The above docketed application for exploration assistance is being referred to your office for a field examination of the property.

Copies of memoranda dated September 21 and October 14, 1955, by N. E. Nelson, Geological Survey and G. L. DeHuff, Jr., Bureau of Mines, respectively, relating to the project, are enclosed for your information.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Enclosure

APPROVED:

P. F. Yopes
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

ADMacMahon/fec 10/18/55
cc to: Docket
Code 400
Adm. Read. File
Operating Comm.
FT. REG. II
Messrs. DeHuff, USBM
Kiilsgaard, USGS

400

RECEIVED
OCT 14 1955

October 14, 1955

Memorandum

To: W. S. Martin, DMEA

From: G. L. DeHuff, Jr., Commodity Specialist, Branch of Ferrous Metals and Ferroalloys

Subject: DMEA-3983. Manganese. Death Valley Mining and Milling Corp., Third Chance Mine, Inyo County, California

Application is made for aid to explore for manganese applicant's 40 leased manganese claims, located in Inyo County, California, near Ashford Mill. Total estimated cost of the project is $121,396.

Apparently there has been no production from the property. Applicant states that the deposit appears to be a true fissure vein or a large high-grade lenticular deposit, varying from one inch to four feet wide. The manganese is stated to occur as pyrolusite and an assay of 41.83 percent Mn is reported. Two hundred feet of length have been exposed by bulldozer. This is the only work done. There are no production facilities nor mine workings.

Applicant proposes to expose the vein for another 3,000 feet or more "if we find it feasible by bulldozing or trenching". If warranted, a shaft is to be sunk 400 feet and drifts run off from the shaft at three levels, lengths to be dependent upon the ore showings.

In view of the showing and assay reported, it is recommended that the application be referred to the Field Team for its consideration.

G. L. DeHuff, Jr.

RECEIVED
OCT 14 1955

October 14, 1955

Memorandum

To: W. S. Martin, DMEA

From: G. L. DeHuff, Jr., Commodity Specialist, Branch of Ferrous Metals and Ferroalloys

Subject: DMEA-3983. Manganese. Death Valley Mining and Milling Corp., Third Chance Mine, Inyo County, California

Application is made for aid to explore for manganese applicant's 40 leased manganese claims, located in Inyo County, California, near Ashford Mill. Total estimated cost of the project is $121,896.

Apparently there has been no production from the property. Applicant states that the deposit appears to be a true fissure vein or a large high-grade lenticular deposit, varying from one inch to four feet wide. The manganese is stated to occur as pyrolusite and an assay of 41.83 percent Mn is reported. Two hundred feet of length have been exposed by bulldozer. This is the only work done. There are no production facilities nor mine workings.

Applicant proposes to expose the vein for another 3,000 feet or more "if we find it feasible by bulldozing or trenching". If warranted, a shaft is to be sunk 400 feet and drifts run off from the shaft at three levels, lengths to be dependent upon the ore showings.

In view of the showing and assay reported, it is recommended that the application be referred to the Field Team for its consideration.

G. L. DeHuff, Jr.

IN REPLY REFER TO:

400

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

September 21, 1955

Copy retained 400

Re: DMEA 3983
Death Valley Mining & Milling Co.
Third Chance Mine
Inyo County, California
$121,896.00 - Manganese

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

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

Subject: Review of application.

This ambitious and forward looking work program is based on a one inch to 4½-foot vein showing, 200 feet long.

I have no specific information on the prospect.

If there is a bulldozer on the ground the applicant should be encouraged to extend the showing, if possible, prior to a possible and warranted visit by examiners.

In the meantime, the Field Team might learn something of the deposit by correspondence.

I recommend referral of the application to the Field Team for attention at its convenience.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-9/21/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
G. DeHuff, 3521

Decision should be made how
[illegible] will be applied, so [illegible]
for [illegible] from effect [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

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

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

Re: Docket No. DMEA-3983, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Ricker:

Reference is made to your memorandum of December 15, 1955, concurring in denial of the above-noted application as recommended in an enclosed Field Team report by B. H. Sheahan, Bureau of Mines, and D. B. Tatlock, Geological Survey.

We note on page 2 of the same report that Mr. Sumner D. Dodge, president of the applicant corporation, visited your office on December 8, 1955, and requested that his application be withdrawn. If so, it might be desirable to treat the application as withdrawn and not write a denial. Please advise us of your recommendations on the matter.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

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

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

Re: Docket No. DMEA-3983, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Ricker:

Reference is made to your memorandum of December 15, 1955, concurring in denial of the above-noted application as recommended in an enclosed Field Team report by B. H. Sheahan, Bureau of Mines, and D. B. Tatlock, Geological Survey.

We note on page 2 of the same report that Mr. Sumner D. Dodge, president of the applicant corporation, visited your office on December 8, 1955, and requested that his application be withdrawn. If so, it might be desirable to treat the application as withdrawn and not write a denial. Please advise us of your recommendations on the matter.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

600

DOCKET
Surname: Chapman
Martin

400

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

Re: Docket No. DMEA-3983, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Ricker:

Reference is made to your memorandum of December 15, 1955, concurring in denial of the above-noted application as recommended in an enclosed Field Team report by B. H. Sheahan, Bureau of Mines, and D. B. Tatlock, Geological Survey.

We note on page 2 of the same report that Mr. Sumner D. Dodge, president of the applicant corporation, visited your office on December 8, 1955, and requested that his application be withdrawn. If so, it might be desirable to treat the application as withdrawn and not write a denial. Please advise us of your recommendations on the matter.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
G. DeHuff, USBM
FT, Reg. 2

TLChapman/WSMartin/ls
12/22/55

400

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region II
1205 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA-3905, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Ricker:

Reference is made to your memorandum of December 15, 1955, concurring in denial of the above-noted application as recommended in an enclosed Field Team report by B. H. Sheahan, Bureau of Mines, and D. B. Tatlock, Geological Survey.

We note on page 2 of the same report that Mr. Sumner D. Dodge, president of the applicant corporation, visited your office on December 8, 1955, and requested that his application be withdrawn. If so, it might be desirable to treat the application as withdrawn and not write a denial. Please advise us of your recommendations on the matter.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Killsgaard, USGS
G. DeHuff, USBM
FT, Reg. 2

TLChapman/WSMartin/ls
12/22/55

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region II
1105 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA-3[illegible]3, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Ricker:

Reference is made to your memorandum of December 15, 1955, concurring in denial of the above-noted application as recommended in an enclosed Field Team report by E. H. Sheanen, Bureau of Mines, and D. B. Tatlock, Geological Survey.

We note on page 2 of the same report that Mr. Sumner D. Dodge, president of the applicant corporation, visited your office on December 3, 1955, and requested that his application be withdrawn. If so, it might be desirable to treat the application as withdrawn and not write a denial. Please advise us of your recommendations on the matter.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
G. DeHuff, USBM
FT, Reg. 2

TLChapman/WSMartin/ls
12/22/55

Mr. Spangler Hicker, Executive Officer
DMEA Field Team, Region II
1105 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA-3903, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Hicker:

Reference is made to your memorandum of December 15, 1955, concurring in denial of the above-noted application as recommended in an enclosed Field Team report by R. H. Sheahan, Bureau of Mines, and D. B. Tatlock, Geological Survey.

We note on page 2 of the same report that Mr. Sumner D. Dodge, president of the applicant corporation, visited your office on December 8, 1955, and requested that his application be withdrawn. If so, it might be desirable to treat the application as withdrawn and not write a denial. Please advise us of your recommendations on the matter.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Killsgaard, USGS
G. DeHuff, MSBM
FT, Reg. 2

TLChapman/WSMartin/ls
12/22/55

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

Re: Docket No. DMEA-3903, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Ricker:

Reference is made to your memorandum of December 15, 1955, concurring in denial of the above-noted application as recommended in an enclosed Field Team report by B. H. Sheahan, Bureau of Mines, and D. B. Tatlock, Geological Survey.

We note on page 2 of the same report that Mr. Sumner D. Dodge, president of the applicant corporation, visited your office on December 6, 1955, and requested that his application be withdrawn. If so, it might be desirable to treat the application as withdrawn and not write a denial. Please advise us of your recommendations on the matter.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Killsgaard, USGS
G. DeHuff, USBM
FT, Reg. 2

TLChapman/WSMartin/ls
12/22/55

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region II
1105 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA-3963, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Ricker:

Reference is made to your memorandum of December 15, 1955, concurring in denial of the above-noted application as recommended in an enclosed Field Team report by D. H. Sheahan, Bureau of Mines, and D. B. Tatlock, Geological Survey.

We note on page 2 of the same report that Mr. Sumner L. Dodge, president of the applicant corporation, visited your office on December 8, 1955, and requested that his application be withdrawn. If so, it might be desirable to treat the application as withdrawn and not write a denial. Please advise us of your recommendations on the matter.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Killsgaard, USGS
G. DeHuff, USBM
FT, Reg. 2

TLChapman/WSMartin/ls
12/22/55

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

Re: Docket No. DMEA-3983, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Ricker:

Reference is made to your memorandum of December 15, 1955, concurring in denial of the above-noted application as recommended in an enclosed Field Team report by D. H. Sheahan, Bureau of Mines, and D. B. Tatlock, Geological Survey.

We note on page 2 of the same report that Mr. Sumner D. Dodge, president of the applicant corporation, visited your office on December 8, 1955, and requested that his application be withdrawn. If so, it might be desirable to treat the application as withdrawn and not write a denial. Please advise us of your recommendations on the matter.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Killsgaard, USGS
G. DeHuff, USBM
FT, Reg. 2

TLChapman/WSMartin/ls
12/22/55

Docket.

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

RECEIVED
JAN 10 1956

January 9, 1956

Memorandum

To: W. S. Martin, DMEA

WSM

From: G. L. DeHuff, Jr., Commodity Specialist, Branch of Ferrous Metals and Ferroalloys

Subject: DMEA-3983. Manganese. Death Valley Mining & Milling Corp. Review of Field Team Report

The property examined, for which application for exploration assistance had been filed, known as the Third Chance and "K" groups of claims, is located in sec. 28, T2IN, ~~T2IN~~, R2E, S.B.B.& M., Inyo County, California.

The Field Team report provides the following information: ore found to date is small in size and low in grade over any mining width, the company plans a metallurgical operation before developing a minable ore orebody, there has been no production from the property, there is little probability of making a significant discovery of manganese ore at the Third Chance group, the low-grade bedded deposits of the "K" groups are of no economic value because metallurgical tests have indicated the material to be unamenable to beneficiation, the location of the deposit is remote, water and power are lacking, and the competence of the applicant is poor for work of the nature proposed. There are no underground workings, or improvements on the property.

The Field Team has recommended that the application be denied. I concur with the recommendation.

G. L. DeHuff, Jr.

G. L. DeHuff, Jr.

already "withdrawn" from Open's request 6-7-1.

400

DOCKET
Surname:
Chapman
Martin
Selfridge
F. Johnson

JAN 3 1956

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

Re: Docket No. DMEA-3983, Manganese
Death Valley Mining and
Milling Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Ricker:

We are enclosing a letter, with two extra copies for the Field Team, advising Mr. Sumner D. Dodge, Death Valley Mining and Milling Corporation, that, as he requested at your office on December 8, 1955, his application for exploration assistance has been withdrawn and we are removing the docket from our active files.

Please forward our letter to Mr. Dodge if it meets with your approval.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GB)

Enclosures

APPROVED:

/s/ Robert W. Geehan (GB)

Member, Bureau of Mines

Thor H. Kiilsgaard (GB)

Member, Geological Survey

cc: Docket
Code 400
Oper. Committee
Adm. Read. File
T. Kiilsgaard, USGS
G. DeHuff, USBM
FT, Reg. 2

TLChapman/ls
12/28/55

400

DOCKET
Surnames:
Chapman
Martin
Gerhor
Killsgaard
Selfridge
Fishman

JAN 3 1956

Mr. Sumner D. Dodge
Death Valley Mining and Milling Corp.
520 Empire Building
Denver 2, Colorado

Re: Docket No. DMEA 3[illegible]3, Manganese
Third Chance Mine
Inyo County, California

Dear Mr. Dodge:

Reference is made to your visit to the office of the Executive Officer, DMEA Field Team, Region II, on December 8, 1955, when we understand you requested that the subject application for exploration assistance be withdrawn. Accordingly, we are removing your application from our active files.

We wish to thank you for your interest in the Defense Minerals Exploration Administration's program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Killsgaard, USGS
G. DeHuff, USBM
FT, Reg. 3

TLChapman/ls
12/28/55

Docket

IN REPLY REFER TO:

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

RECEIVED
DEC 28 1955

December 22, 1955

Re: DMEA 3983
Death Valley Mining &
Milling Corp.
Third Chance Mine
Inyo Co., California
$121,896.00 - Manganese

Copy retained 400

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

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

Subject: Review of Field Team report.

The applicant asked assistance in an extensive work program on a narrow manganese vein.

The examiners conclude that, "a few test pits by the applicant might be justified but the probability of a significant ore body is very small and no Government assistance is warranted." It was found that the Third Chance mine when under the name of Evelyn's Delight had been examined in 1951 and an application for DMA assistance had been denied.

The description especially as it applies to the narrow vein and the nature of the material and the sampling support the conclusions and recommendations of the examiners and the Field Team that the application for assistance be denied.

I concur with the recommendations.

N. E. Nelson

N. E. Nelson

20 in ea

Docket

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

RECEIVED
DEC 19 1955

1605 Evans Avenue
Reno, Nevada

December 15, 1955

Memorandum

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

way

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3983 (Manganese
Death Valley Mining & Milling Corp.
Third Chance Mine
Inyo County, California

Reference is made to your letter of October 19, 1955 requesting a field examination on subject property.

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

Roscoe Smith and I concur in the recommendation.

S. Ricker

S. Ricker

Attach.

Reviewed by
DMEA OPERATING COMMITTEE
12-23-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

RECEIVED
DEC 19 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-3983 (Manganese)
Death Valley Mining and Milling Corporation
Third Chance and "K" Groups of Claims
Inyo County, California

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

D. B. Tatlock
Geologist
U. S. Geological Survey

December 14, 1955

Reviewed by
DMEA OPERATING COMMITTEE
12-23-55
(date)

CONTENTS

	Page
Introduction	1
Conclusions and recommendations	2
Location, accessibility and local resources	3
History and production	4
Property and ownership	5
Development	6
General geology	6
Ore deposits	7
Sampling	8
Ore reserves	8
Proposed exploration	8

ILLUSTRATIONS

Figure No.	Description
1	Location map, Third Chance and "K" groups of claims, Inyo County, California
1-b	Location sketch, Third Chance Manganese
2	Geologic sketch, Third Chance Mine

Reviewed by
DMEA OPERATING COMMITTEE
12-23-55
(date)

RECEIVED
DEC 19 1955

INTRODUCTION

Mr. Sumner D. Dodge, president of Death Valley Mining and Milling Corporation, 520 Empire Building, Denver 2, Colorado, applied for Government assistance in a $121,896.00 program to explore for manganese at the Third Chance group of claims, Inyo County, California. Surface trenching to expose the vein was proposed, and if warranted, 400 feet of shaft sinking and an unestimated amount of drifting on three levels.

A field examination was requested by the Operating Committee October 19, 1955 and was made November 5, 1955 by B. H. Sheahan, mining engineer, U. S. Bureau of Mines, R. M. Smith and D. B. Tatlock, geologists, U. S. Geological Survey in company with Mr. Jim G. Dexter, executive vice president of the corporation.

The application docket was poorly prepared indicating the applicants lacked mining experience. According to Mr. Dexter, the company intends to raise capital by stock promotional activities to finance a metallurgical operation even though an ore body has not been developed.

The examination included mapping and sampling the Third Chance prospect and inspecting the bedded deposit covered by the "K" group of claims, which the company also plans to explore. State and Federal publications describing the deposits in the area were studied prior to and after the examination. The Third Chance property was

previously examined September 3, 1951 by geologists [1] of the U. S. Geological Survey.

Mr. Sumner D. Dodge visited the DMEA Region II Executive Officer on December 8, 1955 and requested that his application for exploration assistance be withdrawn.

CONCLUSIONS AND RECOMMENDATIONS

There is little probability of making a significant discovery of manganese ore at the Third Chance property. Low grade, bedded deposits of siliceous manganese-bearing material near Wingate Wash, which are partly covered by the "K" group of claims, are of no economic value because metallurgical tests have previously indicated that they are not amenable to beneficiation.

The remote location of the deposit, together with the lack of water and power, and the incompetency of the applicant, are unfavorable factors. Work and expenditures which they proposed were based upon unsound speculative hopes.

It is recommended that the application for Government assistance be denied because of the small size and low grade of the mineralized outcrop, and the improbability that the ore has continuity either in depth or along the strike.

1/ Irwin, Wm. P.; Rinehart, Chas. D.; Report of Examination by Field Team, Region III, DMA-1749 - Evelyn's Delight Manganese Prospect, Inyo County, California.

LOCATION, ACCESSIBILITY AND LOCAL RESOURCES

The Third Chance No. 1 claim, which was the site of work proposed, is in the NE 1/4 of sec. 28, T. 21 N., R. 2 E., S.B.B.&M., Inyo County, California at an elevation of 500 feet in the low, arid foothills of the north slope of the Owlshead Mountains.

The property is accessible by way of Shoshone, California, which is the nearest post office and source of supplies (see figs. 1 and 1b).

The "K" group of claims are in the SW 1/4 of sec. 28, T. 21 N., R. 2 E., S.B.B.&M., and the principal exploratory workings are on the "K" No. 1 claim, which is 4/10 of a mile S. 60° E. from bench mark 478 on the north side of the Wingate Wash road in section 28. Topography of the area is shown on Wingate Wash Quadrangle Sheet, 1:62,500, 1950 Edition. (See location maps, figs. 1 and 1-b).

There are no surface improvements or equipment on the property and no water. Domestic water was hauled from Shoshone, Calif. The nearest railhead is at Manix Siding, a station on the Union Pacific Railroad 37 miles southwest of Baker, Calif., or 135 miles by road from the prospects. Labor and supplies could be obtained from Barstow.

HISTORY AND PRODUCTION

The occurrence of manganese in the Wingate Wash area of Death Valley National Monument has been known for many years. The discovery apparently dates back to the World War I years judging from old location notices in monuments that were observed on the ground and from published literature.

There has been no production from the property. The applicant did not show the correct location of the Third Chance claim on his map which was found to be formerly known as the Evelyn's Delight Manganese Prospect and was formerly owned by K. J. Rhoads and D. S. Robertson of the Armagosa Mining Company who had applied with DMA for exploration assistance in 1951.

The Black Majic property referred to by the applicant is a recent name and should not be confused with other properties of the same name in the Owlshead Mountain area.

Mr. O. G. Spencer and Mr. Edison L. Conser relocated the Third Chance group of claims and the "K" group early in 1955. They expended about $2,000.00 conducting open cut trenching work with a bulldozer on the Third Chance claim.

The Third Chance area and "K" group of claims have been described by both the California State Division of Mines and the U. S. Bureau of Mines 2/ 3/ 4/.

2/ Geologic Description of Manganese Deposits of Calif., Bull. 152, 1950. Calif. State Div. of Mines, Manganese No. 8, p. 83.

3/ Manganese in Calif., Bull. 125, 1943, Calif. State Div. of Mines, Inyo Co., Calif. p. 121, No. 1 and No. 8.

4/ R.I. 4599, Concentration of Manganese Ores from the vicinity of Death Valley National Monument Calif., Dec., 1949, pp. 19 to 23 incl.

PROPERTY AND OWNERSHIP

The applicant is a lessee of 40 unpatented lode mining claims. Eighteen of these claims are listed as the Third Chance group and 22 as the "K" group. A copy of a lease and option, attached with the docket, was dated March 20, 1955 between Mr. Jim G. Dexter and associates, and Messrs. O. G. Spencer, Jr. and Edison L. Conser, of Inyo County, Calif. The period of the lease and option was indefinite.

An assignment, dated June 15, 1955, was made between Mr. Jim G. Dexter, Mr. Sumner D. Dodge and the Death Valley Mining and Milling Corporation which was said to have been incorporated on June 14, 1955 in Colorado. Mr. Sumner D. Dodge of Idledale, Colorado is president. His wife, Mrs. K. E. Dodge, is treasurer. Mr. Isaac Mellman, an attorney at 520 Empire Building, Denver 2, Colo., is secretary. Mr. Jim G. Dexter, of San Francisco, Calif., is executive vice president.

The claims are said to be recorded at Independence, California in Volume 71, pages 16, 17, and 18 and in Volume 72, pages 110 to 119, 120 to 134, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, and 284.

Mr. O. G. Spencer and Mr. E. L. Conser, owners of the property, reside at Los Angeles, Calif. Mr. Jim G. Dexter indicated that there was some question regarding the ownership of the "K" group of claims and that he intended to investigate the location certificates at Independence, Calif.

Twelve other claims, referred to by the applicant as the Black Majic Mine, and a few miles southwest of the Third Chance group, were reportedly not owned or leased by the corporation. Mr. Jim G. Dexter declined to show this group of claims to the examiners.

The applicants planned to provide their share of the loan with money obtained from stock promotional activities. Mr. Dexter had already invested $7,000.00 in the corporation.

The competency of the applicant is poor.

DEVELOPMENT

There are no underground workings, production facilities, or improvements on the property. Several shallow prospect pits and surface trenches (see fig. 2) are less than 10 feet in depth. A few shallow trenches are on the "K" group of claims.

GENERAL GEOLOGY

The Third Chance mine is in an area of moderate relief near the southern boundary of the Basin-Range province. Fanglomerate and alluvium belonging to the Funeral fanglomerate of Pliocene-Pleistocene age are the only rocks exposed in the vicinity of the prospect. These consist chiefly of fragments of metasedimentary rocks, granite, and volcanic rocks, ranging in size from sand to boulders. In general, the bedding dips very gently to the north.

In the surrounding area are gently tilted basaltic and andesitic flows and pyroclastic rocks belonging to the Greenwater volcanics of Miocene-Pliocene age.

Manganese oxides are found along a northwest-trending, steeply dipping fault in the Funeral fanglomerate. The fanglomerate beds show somewhat erratic attitudes for several feet northeast and southwest of the mineralized portion of the fault.

ORE DEPOSITS

Manganese oxides, chiefly pyrolusite and psilomelane, occur intermittently for 150 feet along a northwest-trending fault in fanglomerate. The fault dips steeply to the northeast and can be traced along strike for at least 200 feet and possibly for as much as 450 feet (fig. 2).

The mineralized zone consists of three bodies totaling about 70 feet along the strike and ranging in width from 1-1/2 to 5 feet. The manganese oxides occur in veinlets parallel with the fault and as lenses and pods cementing fanglomerate fragments. Opaline silica and calcite, both of which are later than manganese oxides, also cement parts of the mineralized zone. In general, the bodies become higher in grade from the footwall to hanging wall; actual ore grade material in each body is confined to a veinlet 1 to 6 inches wide along the hanging wall. The depth to which the fault is mineralized is not known.

SAMPLING

Samples were taken from the Third Chance No. 1 claim at the site of the proposed work (fig. 2):

Sample No.	Width, feet	%, Mn	%, Fe	%, SiO_2	Remarks
S-410	1.0	46.4	0.48	4.88	Select; north side of trench.
S-411	1.0	20.9	1.77	28.66	South side of open cut trench.
S-412	1.0	28.1	1.50	34.02	Outcrop - select.
S-413	4.0	13.5	2.05	20.46	Outcrop.
S-414	1.0	15.4	1.72	22.60	Bottom of trench.

Samples of above grade are confined to the narrow widths shown in table.

ORE RESERVES

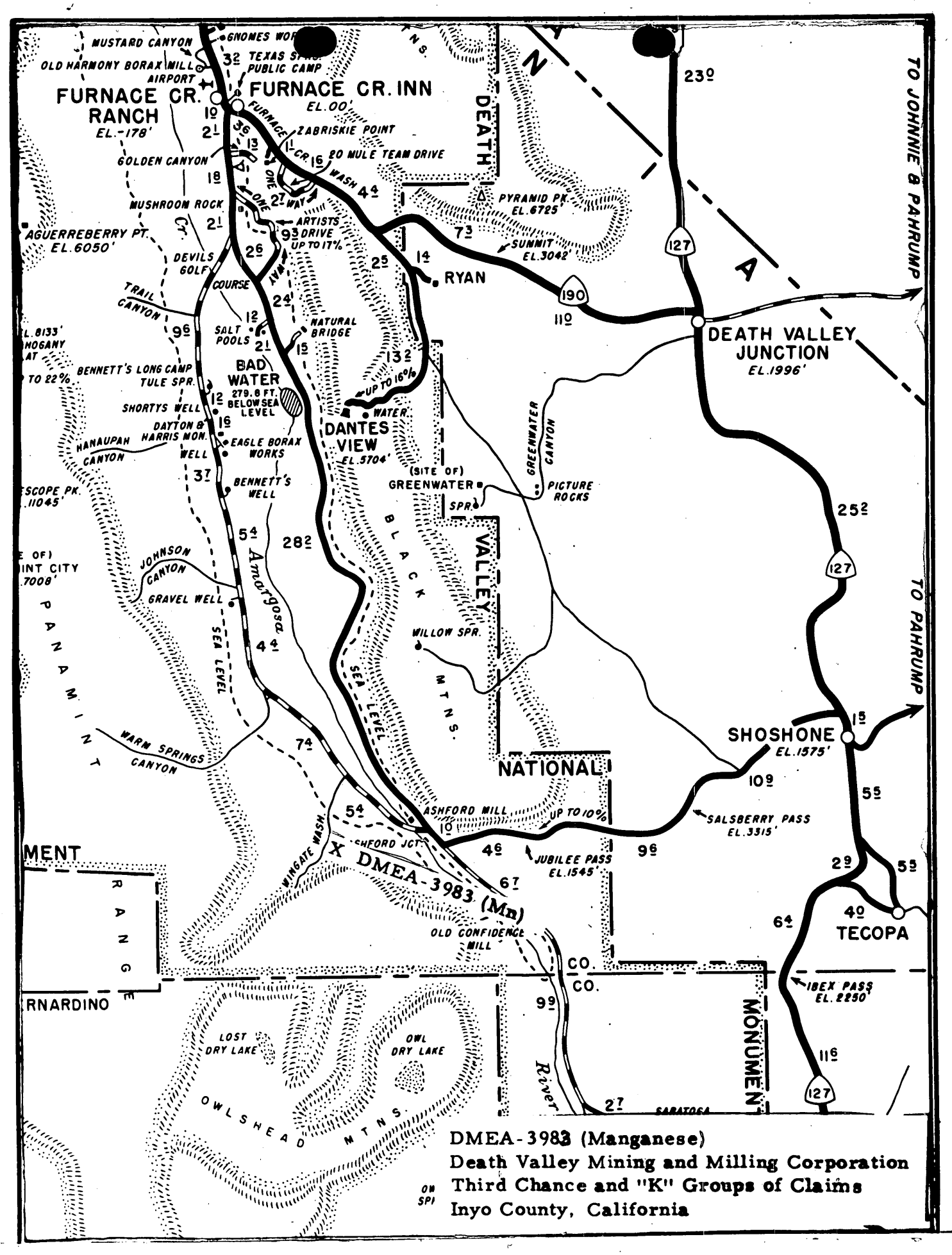
About 50 tons of measured reserves averaging 20 percent manganese are present in the mineralized outcrop. There are no indicated reserves. Inferred reserves amount to about 10 tons per foot of depth for a few feet. It is possible that other very small lenses or pods of mineralized fanglomerate may occur both in depth and along the strike.

PROPOSED EXPLORATION

The applicant proposes to explore the property by 3,000 feet of trenching and bulldozing and, if warranted, by a 400-foot vertical shaft from which drifts are to be driven at the 150, 250, and 350-foot levels, lengths to be dependent upon the ore showings. The total cost of this program, estimated to be $121,896.00, includes 3-1/2 miles of new road.

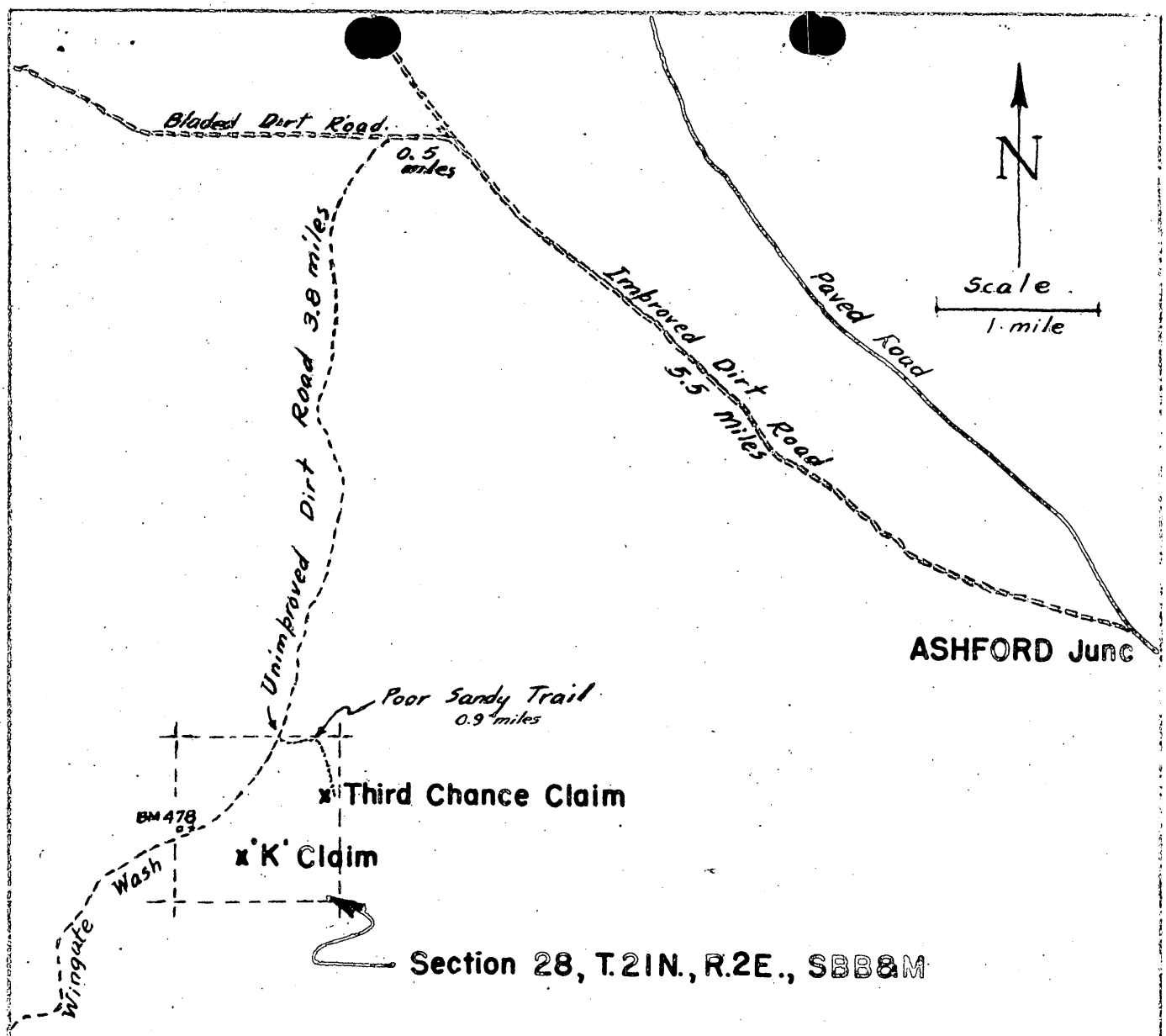
This program is larger than is justified by the data available.

A few test pits by the applicant might be justified, but the probability of a significant ore body is very small and no Government assistance is warranted.



DMEA-3983 (Manganese)
Death Valley Mining and Milling Corporation
Third Chance and "K" Groups of Claims
Inyo County, California

Fig. 1 LOCATION MAP CALIFORNIA

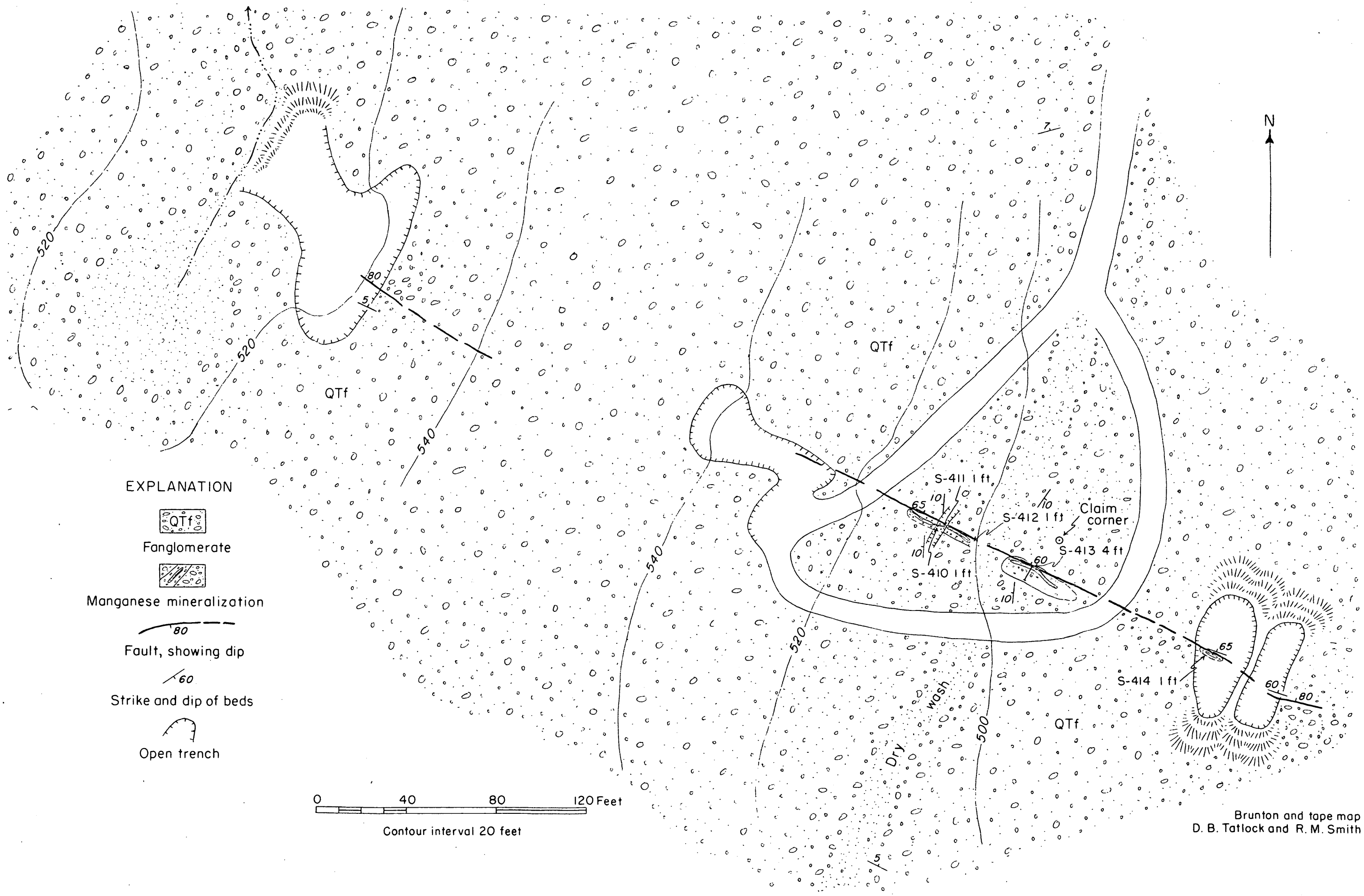


Location sketch Third Chance Manganese DMEA 3983
Inyo County, California.

Figure 1 b

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3983
(MANGANESE)



THIRD CHANCE MINE, INYO COUNTY, CALIFORNIA

Fig. 2

400

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

RECEIVED
DEC 19 1955

1605 Evans Avenue
Reno, Nevada

December 15, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3983 (Manganese
Death Valley Mining & Milling Corp.
Third Chance Mine
Inyo County, California

Why not withdrawn? See top page 2 Geo report. WSM

Reference is made to your letter of October 19, 1955 requesting a field examination on subject property.

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

Roscoe Smith and I concur in the recommendation.

S. Ricker

Attach.

SRicker:gh
cc: R. M. Smith
File

Reviewed by
DMEA OPERATING COMMITTEE

(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

RECEIVED
DEC 19 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-3983 (Manganese)
Death Valley Mining and Milling Corporation
Third Chance and "K" Groups of Claims
Inyo County, California

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

D. B. Tatlock
Geologist
U. S. Geological Survey

December 14, 1955

Reviewed by
DMEA OPERATING COMMITTEE

_____
(date)

RECEIVED
DEC 19 1956

CONTENTS

	Page
Introduction	1
Conclusions and recommendations	2
Location, accessibility and local resources	3
History and production	4
Property and ownership	5
Development	6
General geology	6
Ore deposits	7
Sampling	8
Ore reserves	8
Proposed exploration	8

ILLUSTRATIONS

Figure No.	Description
1	Location map, Third Chance and "K" groups of claims, Inyo County, California
1-b	Location sketch, Third Chance Manganese
2	Geologic sketch, Third Chance Mine

RECEIVED
DEC 19 1955

INTRODUCTION

Mr. Sumner D. Dodge, president of Death Valley Mining and Milling Corporation, 520 Empire Building, Denver 2, Colorado, applied for Government assistance in a $121,896.00 program to explore for manganese at the Third Chance group of claims, Inyo County, California. Surface trenching to expose the vein was proposed, and if warranted, 400 feet of shaft sinking and an unestimated amount of drifting on three levels.

A field examination was requested by the Operating Committee October 19, 1955 and was made November 5, 1955 by B. H. Sheahan, mining engineer, U. S. Bureau of Mines, R. M. Smith and D. B. Tatlock, geologists, U. S. Geological Survey in company with Mr. Jim G. Dexter, executive vice president of the corporation.

The application docket was poorly prepared indicating the applicants lacked mining experience. According to Mr. Dexter, the company intends to raise capital by stock promotional activities to finance a metallurgical operation even though an ore body has not been developed.

The examination included mapping and sampling the Third Chance prospect and inspecting the bedded deposit covered by the "K" group of claims, which the company also plans to explore. State and Federal publications describing the deposits in the area were studied prior to and after the examination. The Third Chance property was

previously examined September 3, 1951 by geologists [1/] of the U. S. Geological Survey.

Mr. Sumner D. Dodge visited the DMEA Region II Executive Officer on December 8, 1955 and requested that his application for exploration assistance be withdrawn.

CONCLUSIONS AND RECOMMENDATIONS

There is little probability of making a significant discovery of manganese ore at the Third Chance property. Low grade, bedded deposits of siliceous manganese-bearing material near Wingate Wash, which are partly covered by the "K" group of claims, are of no economic value because metallurgical tests have previously indicated that they are not amenable to beneficiation.

The remote location of the deposit, together with the lack of water and power, and the incompetency of the applicant, are unfavorable factors. Work and expenditures which they proposed were based upon unsound speculative hopes.

It is recommended that the application for Government assistance be denied because of the small size and low grade of the mineralized outcrop, and the improbability that the ore has continuity either in depth or along the strike.

1/ Irwin, Wm. P.; Rinehart, Chas. D.; Report of Examination by Field Team, Region III, DMA-1749 - Evelyn's Delight Manganese Prospect, Inyo County, California.

LOCATION, ACCESSIBILITY AND LOCAL RESOURCES

The Third Chance No. 1 claim, which was the site of work proposed, is in the NE 1/4 of sec. 28, T. 21 N., R. 2 E., S.B.B.&M., Inyo County, California at an elevation of 500 feet in the low, arid foothills of the north slope of the Owlshead Mountains.

The property is accessible by way of Shoshone, California, which is the nearest post office and source of supplies (see figs. 1 and 1b).

The "K" group of claims are in the SW 1/4 of sec. 28, T. 21 N., R. 2 E., S.B.B.&M., and the principal exploratory workings are on the "K" No. 1 claim, which is 4/10 of a mile S. 60° E. from bench mark 478 on the north side of the Wingate Wash road in section 28. Topography of the area is shown on Wingate Wash Quadrangle Sheet, 1:62,500, 1950 Edition. (See location maps, figs. 1 and 1-b).

There are no surface improvements or equipment on the property and no water. Domestic water was hauled from Shoshone, Calif. The nearest railhead is at Manix Siding, a station on the Union Pacific Railroad 37 miles southwest of Baker, Calif., or 135 miles by road from the prospects. Labor and supplies could be obtained from Barstow.

HISTORY AND PRODUCTION

The occurrence of manganese in the Wingate Wash area of Death Valley National Monument has been known for many years. The discovery apparently dates back to the World War I years judging from old location notices in monuments that were observed on the ground and from published literature.

There has been no production from the property. The applicant did not show the correct location of the Third Chance claim on his map which was found to be formerly known as the Evelyn's Delight Manganese Prospect and was formerly owned by K. J. Rhoads and D. S. Robertson of the Armagosa Mining Company who had applied with DMA for exploration assistance in 1951.

The Black Majic property referred to by the applicant is a recent name and should not be confused with other properties of the same name in the Owlshead Mountain area.

Mr. O. G. Spencer and Mr. Edison L. Conser relocated the Third Chance group of claims and the "K" group early in 1955. They expended about $2,000.00 conducting open cut trenching work with a bulldozer on the Third Chance claim.

The Third Chance area and "K" group of claims have been described by both the California State Division of Mines and the U. S. Bureau of Mines 2/ 3/ 4/.

2/ Geologic Description of Manganese Deposits of Calif., Bull. 152, 1950. Calif. State Div. of Mines, Manganese No. 8, p. 83.

3/ Manganese in Calif., Bull. 125, 1943, Calif. State Div. of Mines, Inyo Co., Calif. p. 121, No. 1 and No. 8.

4/ R.I. 4599, Concentration of Manganese Ores from the vicinity of Death Valley National Monument Calif., Dec., 1949, pp. 19 to 23 incl.

PROPERTY AND OWNERSHIP

The applicant is a lessee of 40 unpatented lode mining claims. Eighteen of these claims are listed as the Third Chance group and 22 as the "K" group. A copy of a lease and option, attached with the docket, was dated March 20, 1955 between Mr. Jim G. Dexter and associates, and Messrs. O. G. Spencer, Jr. and Edison L. Conser, of Inyo County, Calif. The period of the lease and option was indefinite.

An assignment, dated June 15, 1955, was made between Mr. Jim G. Dexter, Mr. Sumner D. Dodge and the Death Valley Mining and Milling Corporation which was said to have been incorporated on June 14, 1955 in Colorado. Mr. Sumner D. Dodge of Idledale, Colorado is president. His wife, Mrs. K. E. Dodge, is treasurer. Mr. Isaac Mellman, an attorney at 520 Empire Building, Denver 2, Colo., is secretary. Mr. Jim G. Dexter, of San Francisco, Calif., is executive vice president.

The claims are said to be recorded at Independence, California in Volume 71, pages 16, 17, and 18 and in Volume 72, pages 110 to 119, 120 to 134, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, and 284.

Mr. O. G. Spencer and Mr. E. L. Conser, owners of the property, reside at Los Angeles, Calif. Mr. Jim G. Dexter indicated that there was some question regarding the ownership of the "K" group of claims and that he intended to investigate the location certificates at Independence, Calif.

Twelve other claims, referred to by the applicant as the Black Majic Mine, and a few miles southwest of the Third Chance group, were reportedly not owned or leased by the corporation. Mr. Jim G. Dexter declined to show this group of claims to the examiners.

The applicants planned to provide their share of the loan with money obtained from stock promotional activities. Mr. Dexter had already invested $7,000.00 in the corporation.

The competency of the applicant is poor.

DEVELOPMENT

There are no underground workings, production facilities, or improvements on the property. Several shallow prospect pits and surface trenches (see fig. 2) are less than 10 feet in depth. A few shallow trenches are on the "K" group of claims.

GENERAL GEOLOGY

The Third Chance mine is in an area of moderate relief near the southern boundary of the Basin-Range province. Fanglomerate and alluvium belonging to the Funeral fanglomerate of Pliocene-Pleistocene age are the only rocks exposed in the vicinity of the prospect. These consist chiefly of fragments of metasedimentary rocks, granite, and volcanic rocks, ranging in size from sand to boulders. In general, the bedding dips very gently to the north.

In the surrounding area are gently tilted basaltic and andesitic flows and pyroclastic rocks belonging to the Greenwater volcanics of Miocene-Pliocene age.

Manganese oxides are found along a northwest-trending, steeply dipping fault in the Funeral fanglomerate. The fanglomerate beds show somewhat erratic attitudes for several feet northeast and southwest of the mineralized portion of the fault.

ORE DEPOSITS

Manganese oxides, chiefly pyrolusite and psilomelane, occur intermittently for 150 feet along a northwest-trending fault in fanglomerate. The fault dips steeply to the northeast and can be traced along strike for at least 200 feet and possibly for as much as 450 feet (fig. 2).

The mineralized zone consists of three bodies totaling about 70 feet along the strike and ranging in width from 1-1/2 to 5 feet. The manganese oxides occur in veinlets parallel with the fault and as lenses and pods cementing fanglomerate fragments. Opaline silica and calcite, both of which are later than manganese oxides, also cement parts of the mineralized zone. In general, the bodies become higher in grade from the footwall to hanging wall; actual ore grade material in each body is confined to a veinlet 1 to 6 inches wide along the hanging wall. The depth to which the fault is mineralized is not known.

SAMPLING

Samples were taken from the Third Chance No. 1 claim at the site of the proposed work (fig. 2):

Sample No.	Width, feet	%, Mn	%, Fe	%, SiO_2	Remarks
S-410	1.0	46.4	0.48	4.88	Select; north side of trench.
S-411	1.0	20.9	1.77	28.66	South side of open cut trench.
S-412	1.0	28.1	1.50	34.02	Outcrop - select.
S-413	4.0	13.5	2.05	20.46	Outcrop.
S-414	1.0	15.4	1.72	22.60	Bottom of trench.

Samples of above grade are confined to the narrow widths shown in table.

ORE RESERVES

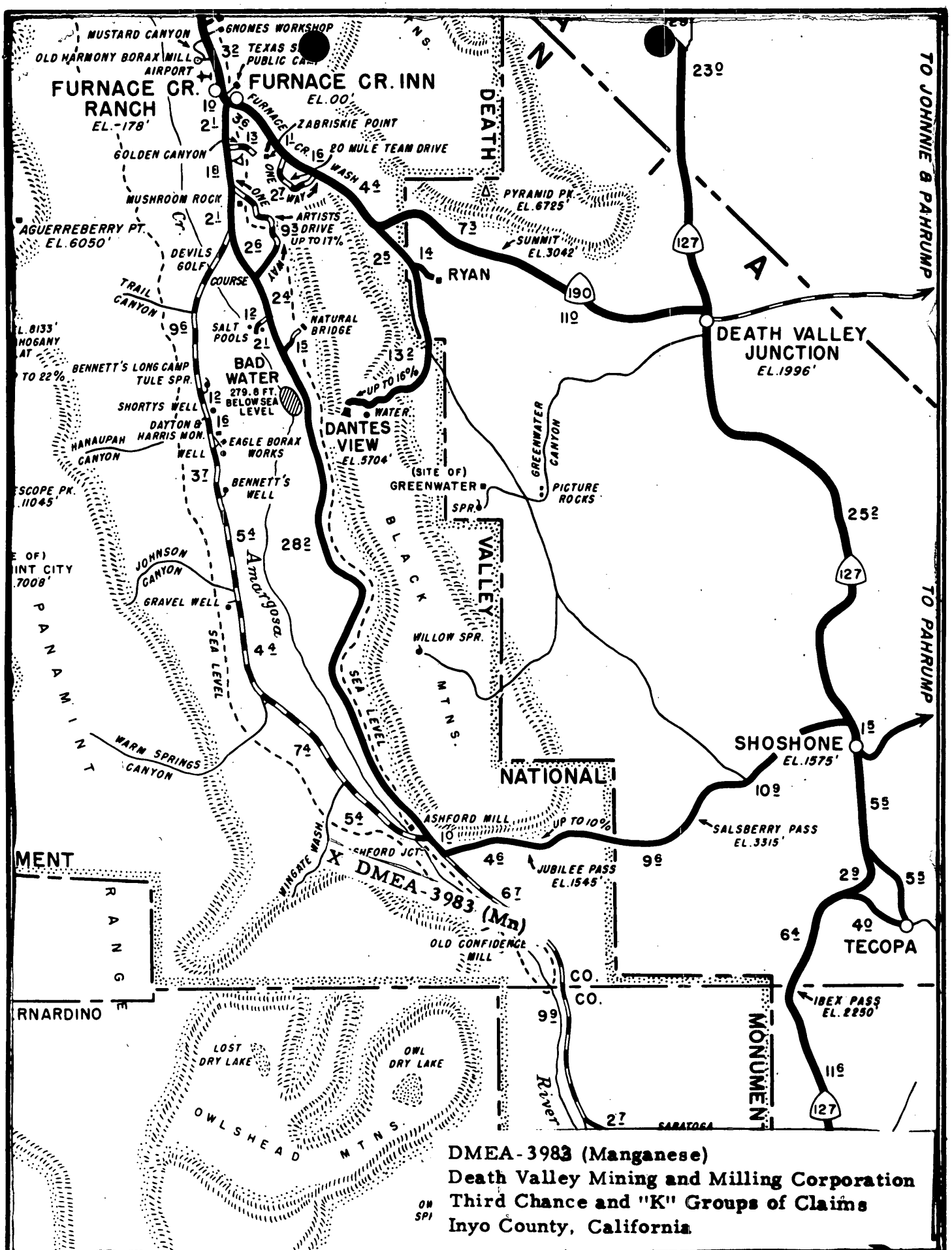
About 50 tons of measured reserves averaging 20 percent manganese are present in the mineralized outcrop. There are no indicated reserves. Inferred reserves amount to about 10 tons per foot of depth for a few feet. It is possible that other very small lenses or pods of mineralized fanglomerate may occur both in depth and along the strike.

PROPOSED EXPLORATION

The applicant proposes to explore the property by 3,000 feet of trenching and bulldozing and, if warranted, by a 400-foot vertical shaft from which drifts are to be driven at the 150, 250, and 350-foot levels, lengths to be dependent upon the ore showings. The total cost of this program, estimated to be $121,896.00, includes 3-1/2 miles of new road.

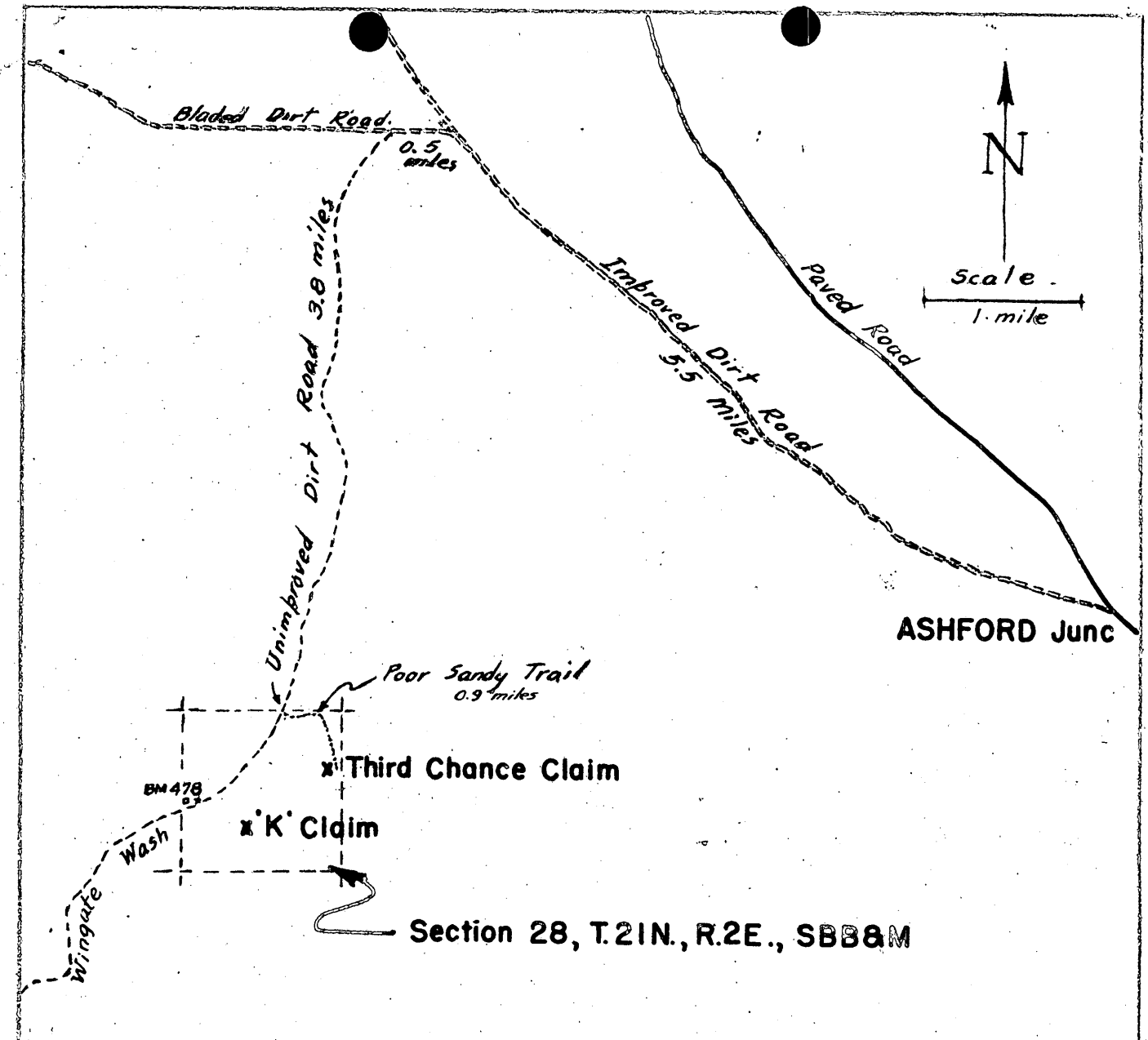
This program is larger than is justified by the data available.

A few test pits by the applicant might be justified, but the probability of a significant ore body is very small and no Government assistance is warranted.



DMEA-3983 (Manganese)
Death Valley Mining and Milling Corporation
Third Chance and "K" Groups of Claims
Inyo County, California

Fig. 1 LOCATION MAP CALIFORNIA



Location sketch Third Chance Manganese DMEA 3983
Inyo County, California.

Figure 1 b

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 398
(MANGANESE)

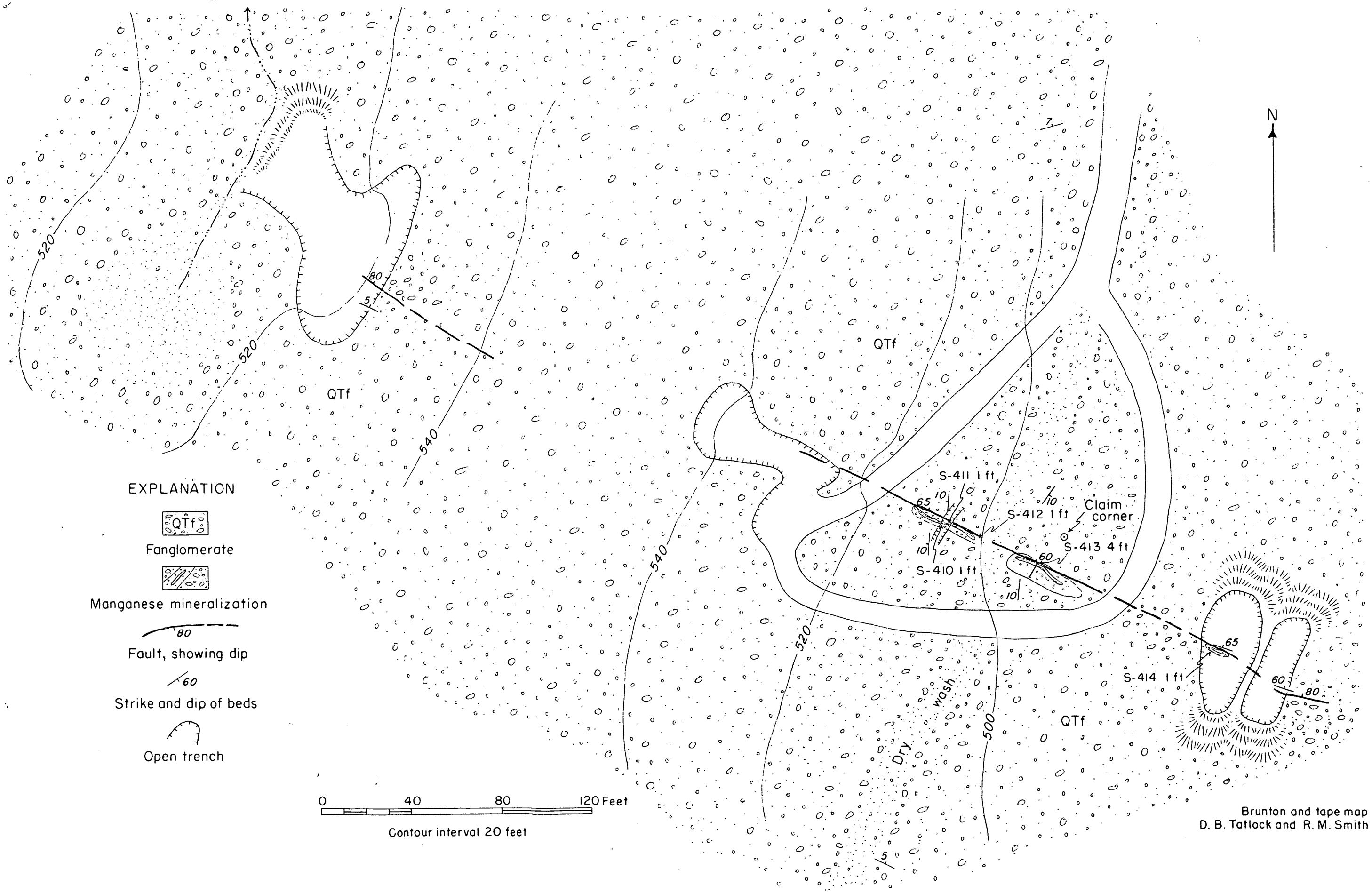


Fig. 2

THIRD CHANCE MINE, INYO COUNTY, CALIFORNIA

DOCKET
SURNAME
400 McMahon
Martin
Selfridge
Johnson

OCT 19 1955

Mr. Spangler Richer, Executive Officer
DMEA Field Team, Region II
1605 Bruce Avenue
Reno, Nevada

Re: Docket No. DMEA 3903 - Manganese
Death Valley Mining & Milling
Corporation
Third Chance Mine
Inyo County, California

Dear Mr. Richer:

The above docketed application for exploration assistance is being referred to your office for a field examination of the property.

Copies of memoranda dated September 21 and October 14, 1955, by E. E. Ekman, Geological Survey and G. L. DeRuff, Jr., Bureau of Mines, respectively, relating to the project, are enclosed for your information.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GLB)

Enclosures

APPROVED:

P. F. Yopes (GLB)
Member, Bureau of Mines

Thor H. Kiilsgaard (GLB)
Member, Geological Survey

ADMacMahon/foc 10/18/55
cc to: Docket
Code 400
Adm. Read. File
Operating Comm.
FT. REG. II
Messrs. DeRuff, USBM
Kiilsgaard, USGS

R.G.R.

DOCKET
SURNAME
McMahon
400 Martin
Yager
Kilsgaard
Selfridge

STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OCT 19 1955 D.C.

Mr. Sumner D. Dodge, President
Death Valley Mining and Milling Corporation
520 Empire Building
Denver 2, Colorado

Re: Docket No. DMEA 3983 - Manganese
Third Chance Mine
Inyo County, California

Dear Mr. Dodge:

The above docketed application for exploration assistance has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. Spangler Ricker, Executive Officer, DMEA Field Team, Region II, 1605 Evans Avenue, Reno, Nevada, for a field examination of the property.

Any assistance you can give the members of the Field Team will be appreciated.

Sincerely yours,

Frank E. Johnson

Acting Administrator

ADMacMahon/foc 10/18/55
cc to: Docket
Code 400
Adm. Read. File
Operating Comm.
FT. REG. II
Messrs. DeHuff, USBM
Kiilsgaard, USGS

Docket

IN REPLY REFER TO:

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

RECEIVED
SEP 2 1955

September 21, 1955

Re: DMEA 3983
Death Valley Mining & Milling Co.
Third Chance Mine
Inyo County, California
$121,896.00 - Manganese

Copy retained 400

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

WSM

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

Subject: Review of application.

This ambitious and forward looking work program is based on a one inch to 4½-foot vein showing, 200 feet long.

I have no specific information on the prospect.

If there is a bulldozer on the ground the applicant should be encouraged to extend the showing, if possible, prior to a possible and warranted visit by examiners.

In the meantime, the Field Team might learn something of the deposit by correspondence.

I recommend referral of the application to the Field Team for attention at its convenience.

N. E. Nelson

N. E. Nelson

RECEIVED
SEP 19 1955

1605 Evans Avenue
Reno, Nevada

September 14, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application (Manganese)
Death Valley Mining & Milling Corporation
"3rd Chance Mine"
Inyo County, California

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

S. Ricker

Attach.

SRicker:gh
cc: H. C. Miller
File

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

SEP 1 0 1955

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

Not to be filled in by applicant

Docket No. 3979-DMEA
Metal or Mineral Manganese
Date Received 9/16/55
Estimated Cost $121,896.00
Participation (Government %) $160,896.00

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: DEATH VALLEY MINING AND MILLING CORP. (a Colorado corporation) 520 Empire Building, Denver 2, Colorado. Sumner D. Dodge, President; Box 132, Idledale, Colorado; Jim G. Dexter, Exec. Vice Pres.; Box 132, Idledale, Colo.; Isaac Mellman, Secy., 520 Empire Bldg., Denver, Colo; K.E. Dodge, Treas., B. 132, Idledale, Colo.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized. (See above)

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract (See map attached for exact location) 18 claims "3d Chance"; 22 claims "K"; Total of 40 unpatented claims located in Wingate Wash, Inyo County, Death Valley, California.

(*b*) State any mine name by which the property is known. "3rd Chance" mine.

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

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

(*e*) If you own the land, describe any liens or encumbrances on it We do not own the land.

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

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

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

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

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

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Manganese

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

(*c*) The work will start ~~within~~ September 1 ~~days~~ and be completed within 6 months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

☒ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated September 2d, 1955

DEATH VALLEY MINING AND MILLING CORP.
(Applicant)

By Sumner D. Dodge
Sumner D. Dodge, President
520 Empire Bldg., Denver, Colorado

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

DEATH VALLEY MINING AND MILLING CORP.

520 Empire Building
Denver 2, Colorado

RECEIVED
SEP 1 3 1955

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1

"THIRD CHANCE MINE"

3. (f) Name of Claim	Claim Number	Volume Number	Page Number
3rd Chance	451	71	16
	452	71	17
1 to 18	453	71	18
	234	72	120
	235	72	121
	236	72	122
	237	72	123
	238	72	124
	239	72	125
	240	72	126
	241	72	127
	242	72	128
	243	72	129
	244	72	130
	245	72	131
	246	72	132
	247	72	133
	248	72	134
K #1	249	72	110
K #2	250	72	111
K #3	251	72	112
K #4	252	72	113
K #5	253	72	114
K #6	254	72	115
K #7	255	72	116
K #8	256	72	117
K #9	257	72	118
K #10	258	72	119
K #11	259	72	262
K #12	260	72	264
K #13	261	72	266
K #14	262	72	268
K #15	263	72	270
K #16	264	72	272
K #17	265	72	274
K #18	266	72	276
K #19	267	72	278
K #20	268	72	280
K #21	299	72	282
K #22	270	72	284

DEATH VALLEY MINING AND MILLING CORP.

520 Empire Building
Denver 2, Colorado

4. (a) From one to ten feet of overburden have been removed with a bulldozer to expose two hundred feet of the outcropping vein. The vein varies in width from one inch to four and one half feet. There are no production facilities or mine workings, but anyone can inspect the surface showing.

(b) There has been no production.

(c) The attached map shows the ruggedness of this virgin region. The geological features have not been determined due to the overburden and the absence of underground workings. The deposit appears to be a true fissure vein or a large high-grade lenticular deposit. The ore is Pyrolusite, and a piece broken off by the bulldozer where the vein was four feet thick was assayed and found to run 41.83% MANGANESE. With this showing we have good reason to believe we have discovered what is apt to prove one of the best deposits of MANGANESE in the country - one which deserves further exploration.

(d) Approximately three and one-half miles of new road need to shorten - hauling to paved State Highway - 127 miles to Barstow by State to Federal Highway - Union Pacific Railroad at Barstow. Residence will be built on the property.

(e) Manpower has to be hired from other parts and housed on the property. Materials, supplies and equipment have to be trucked in from the nearest shipping point (Barstow, 127 miles over State Highway). The Amargosa River about two miles northeast of the property is expected to supply the water required. To the best of our knowledge, there are no power lines near, so power will be developed by diesel or internal combustion engines.

5. (a) MANGANESE.

(b) We propose to expose the vein for another 3,000 feet or more if we find it feasible by bulldozing or trenching. After the vein has been exposed on the surface as much as possible, a location for an exploration shaft can be judiciously chosen. If the showing warrants it, the shaft is to be sunk four hundred feet, and at the one-hundred-fifty, two-hundred-fifty and three-hundred-fifty, drifts are to be run in both directions from the shaft. The length of these drifts to depend upon the ore showings. The main operating shaft can now be located. The size and location to be governed by tonnage to be hoisted which will depend on showings in the drifts.

(c) As answered.

RECEIVED
SEP 1 3 1955

(d) D. L. Russell, B.S., C.E., E.M., Consulting Mining Engineer and Registered Professional State of Colorado Engineer, has had some thirty-three years experience in different phases of mining and milling in this country and in foreign countries. Mr. Russell is a graduate of Columbia College and the Columbia School of Mines as well as New York University Engineering College. Mr. Russell will decide all matters pertaining to mining operations.

6. (a) None (Perhaps the stripping or trenching of vein can be contracted)

(b)
1. Consultants - $100/day with expenses.
2. Superintendent - $500/mo. with living quarters.
3. Mine Foreman - $400/mo. with living quarters.
4. Bookkeeper - $300/mo. with living quarters.
5. Miners - $1.75/hr.
6. Laborers and muckers - $1.25 to $1.50 per hour.

Expense of dining room shared in part by men on job.

(c) OPERATING MATERIALS AND SUPPLIES: Since this operation is in remote region, all supplies and materials to promote the operation should be on hand. A list is approximately as follows:

Grease	Explosives	Sockets	Knives, forks, spoons
Oil	Fuses	Conduits	Cooking Utensils
Gasoline	Caps	BX Cable	Dishes, glasses,
Lumber	Electrical wire	Switches	Cups, saucers
Timber	Fuse boxes	Light bulbs	Food, condiments

Nails & spikes	Junction boxes
Cement	Cable guides
Sand Paper	Paint
Bolts, Nuts & Washers	Insulators
Pipe Thread Compound	Iron pipe
Oxygen & Acetylene	Valves & fittings
Welding Rods	Putty
Carbide	Screws
Glue	Gasket supplies

Equipment and tools costing less than Fifty Dollars each can be divided as follows:

DEATH VALLEY MINING AND MILLING CORP.

RECEIVED
SEP 16 1955

520 Empire Building
Denver 2, Colorado

CARPENTER EQUIPMENT

Planes
Saws
Cross Saws
Spirit Levels
Clamps
Wood turning chisels
Screw drivers
Dividers
Squares
Paint brushes
Draw knives
Rasps

Augers
Rachet braces
Wood vise
Claw hammers
Tape measures
Hatchets

Wood chisels
Mallets
Putty knives
Plumb bobs
6-ft. rulers
Pinch bars

PLUMBERS EQUIPMENT

Stillson wrenches
Pipe cutters
Pipe threaders
Blow Torch

Chain wrenches
Pipe vise
Gasket Cutters
Files

Reemer
Files
Steel tapes

MECHANICAL EQUIPMENT

Brest Drill & Drills
Files
Post Drill & Drills
Pliers
Socket & Open wrenches
Ball Peen Hammers
Vises
Crescent & Monkey Wrenches
Bolt Threaders & taps
Hack Saws & blades
Gads & Mauls
Axes
Single & double jacks
Picks
Shovels

Wrecking bars
Soldering iron
Tinners' snips
Cold chisels
Complete welding outfit
Jacks
1/4" B & D drill w/chuck
1/2" B & D drill w/chuck
3/4" B & D drill w/chuck
Miners' lamps
Oil cans
Wheelbarrows
Air Hose
Air fittings

The above, depending upon quantity purchased, will cost around $10,500.00. Much of the equipment can be second-hand. Sufficient to get along well, will take all this - $10,500.00

DEATH VALLEY MINING AND MILLING CORP.

520 Empire Building
Denver 2, Colorado

Bulldozer	$6,000.00
Shovel	5,000.00
15KW 3-phase Westinghouse Generator w/Hercules Model JXA Motor with switchboard electric generating plant -	1,200.00
35 to 50 HP Hoist with 1000 ft. 3/4" Cable, complete with controls -	2,500.00
Skid Mounted Gardner-Denver 310 cu. ft. Model AAG 4 cycle V Type Compressor with Buta JH4 Gas Engine -	3,000.00
3 Jack Hammers - Gardner-Denver Model 555 @ $150.00 ea. -	450.00
2 Gardner-Denver Model 107 Drifters @ $200.00 ea. -	400.00
500 Ingersoll-Rand Bits - Type 2 @ 33¢ ea.	165.00
Ingersoll-Rand Bit Sharpener with dies -	1,750.00
2 15 1/2 cu. ft. welded construction Ore Buckets ¢ $75.00 ea. -	150.00
Assaying equipment -	990.00
500 cu. ft. Mine Blower with motor and 500 lin. ft. 12" Duct	2,500.00
10-ton 2nd hand 20# Rail ¢ $100/ton	1,000.00
10 - 2nd Hand anti-friction bearing Mine Cars ¢ $150.00 ea. -	1,500.00
Water Pumping Plant with four miles of 2" pipe to Amargosa River -	10,000.00
7 1/2 HP Goodman Shaker Conveyor with 500 feet trough for mucking -	7,500.00
Typewriter	150.00
Adding machine	250.00

DEATH VALLEY MINING AND MILLING CORP.

520 Empire Building
Denver 2, Colorado

2-ton truck	$2,500.00
Station Wagon	1,500.00
Refrigerator	500.00
Electric Cooking Range	500.00
Septic tank w/cast iron piping	1,500.00
Total	$61,505.00

Installation, freight, and transportation to property for group (d) is estimated @	$24,590.00
(e) None	
(f) New buildings will have to be construed	
1 - Housing for twenty men with dining room, lavatories and showers. It is proposed to use an insulated Quonset Hut 40x80 feet. It is estimated complete - $4.75/sq.ft.	$15,100.00
2 - Shaft house, machine shop, lavatory & laboratory - materials storage and office - an insulated Quonset Hut 30x60 feet complete @ $3.50/sq. ft.	6,300.00
3 - Pump House 10x20 frame construction	300.00
4 - Gallus Frame w/sheave	500.00
5 - Powder House	800.00
(g) Pay roll and supplies are expected to be around $6,500.00 per month for 6 mos = $39,000	
Workmen's Compensation, Employers Liability Insurance, payroll taxes; advance payment	500.00
(h) Contingencies - 20% of total equipment cost.	12,301.00
Total	$121,896.00 ✓
	+39,000.00
	$160,896.00

DEATH VALLEY MINING AND MILLING CORP.

520 Empire Building
Denver 2, Colorado

7. (b) We will supply our share of the necessary money from private capital plus the proceeds of a public stock offering.

Docket

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

RECEIVED
OCT 14 1955

October 14, 1955

Memorandum

WSM

To: W. S. Martin, DMEA

From: G. L. DeHuff, Jr., Commodity Specialist, Branch of Ferrous Metals and Ferroalloys

Subject: DMEA-3983. Manganese. Death Valley Mining and Milling Corp., Third Chance Mine, Inyo County, California

Application is made for aid to explore for manganese applicant's 40 leased manganese claims, located in Inyo County, California, near Ashford Mill. Total estimated cost of the project is $121,896.

Apparently there has been no production from the property. Applicant states that the deposit appears to be a true fissure vein or a large high-grade lenticular deposit, varying from one inch to four feet wide. The manganese is stated to occur as pyrolusite and an assay of 41.83 percent Mn is reported. Two hundred feet of length have been exposed by bulldozer. This is the only work done. There are no production facilities nor mine workings.

Applicant proposes to expose the vein for another 3,000 feet or more "if we find it feasible by bulldozing or trenching". If warranted, a shaft is to be sunk 400 feet and drifts run off from the shaft at three levels, lengths to be dependent upon the ore showings.

In view of the showing and assay reported, it is recommended that the application be referred to the Field Team for its consideration.

G L DeHuff Jr.

G. L. DeHuff, Jr.

Copy retained 400

September 19, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region II.

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

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

DMEA - 3983 Death Valley Mining and Milling Corp.

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

September 19, 1955
Subject: DMEA 3983
Re: Exploration Assistance
"3rd Chance" Mine

Death Valley Mining and Milling Corp.
520 Empire Building,
Denver 2, Colorado

Gentlemen:

The receipt of your application dated September 2[illegible], 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 3983 and referred to the Iron & Ferro Alloys Division

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

D M E A

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

RECEIVED
SEP 16 1955

1605 Evans Avenue
Reno, Nevada

September 14, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application (Manganese)
Death Valley Mining & Milling Corporation
"3rd Chance Mine"
Inyo County, California

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

S. Ricker

Attach.

A G R E E M E N T

THIS AGREEMENT made and entered into this _____day of March, A. D., 1955, by and between J. DEXTER and ASSOCIATES, Denver, Colorado, First Parties, and O. G. SPENCER, JR., and EDISON L. CONSER, Inyo County, California, Second Parties,

WITNESSETH:

WHEREAS, Second Parties represent that they are the locators of and the owners of certain manganese mining claims on the public domain in Inyo County, near Ashford Mill, State of California, and that they have good title to permit the working of said claims or convey said claims subject only to the requirements of law as to assessment work and other similar regulations for the retention and completion of mine titles, and

WHEREAS, it is the desire of all parties hereto to arrange for the operation of said claims on a royalty basis or for Second Parties to sell said claims to First Parties as may later be determined by First Parties,

NOW, THEREFORE, IT IS AGREED:

1. That for and in consideration of the payment of One Dollar by First Parties to Second Parties, the receipt of which is hereby acknowledged, Second Parties grant the exclusive right to First Parties, their heirs, successors or assigns as follows:

A. First parties shall operate said claims in good mining fashion and shall pay Second Parties twelve and one-half (12½) percent royalty on all net profits from the operation of said claims. Said payments shall be made on a monthly basis.

B. First Parties may at their option, purchase said claims for a total purchase price of One Hundred Fifty Thousand Dollars ($150,000.00) plus two percent (2%) of the net profits from the working of said claims. The time and method of payment to be negotiated at the time this option is taken up.

2. That this contract is expressly conditioned on the following:

A. That in addition to the foregoing representation Second Parties have not less than forty (40) claims which shall be the subject matter of this contract.

B. That while said claims are primarily manganese claims, this agreement shall include all minerals to be found on said claims.

C. That First Parties shall have seven (7) months from the date hereof to explore and evaluate the minerals on said claims and if the results of said exploration are unsatisfactory to First Parties then this agreement shall be cancelled and all parties released from the terms hereof.

D. That if said exploration as mentioned in Item "C" hereof is satisfactory to First Parties, First Parties agree to pay Second Parties Five Thousand Dollars ($5,000.00) within forty-five (45) days as advance royalties after the exploration and evaluation work herein mentioned is completed. Said payment to be credited against future royalties due from First Parties or against the purchase price as the case may be.

E. That in the event said exploration and evaluation work is satisfactory to First Parties, First Parties agree to commence mining operation by March 7, A.D. 1956.

F. That said mining claims are also described as being located in Wingate Wash, Death Valley, California. A true and correct description of said claims shall be attached hereto on a separate sheet of paper and when so attached said sheet of paper shall form a part hereof as though set out herein in full.

This agreement shall extend to and be binding upon the heirs, successors and assigns of the parties hereto.

IN WITNESS WHEREOF we have set our hands and seals this day and year as first above mentioned.

J. DEXTER AND ASSOCIATES

By_____
First Parties

_____

_____
Second Parties

ASSIGNMENT.

For valuable consideration, receipt thereof is hereby acknowledged, we, Jim Baker and Sunny Dodge, the undersigned, constituting all of the parties interested in and represented by J. Baker and Associates, do hereby set over, assign and transfer to the Death Valley Mining and Milling Corp., a Colorado corporation, all of our right, title and interest in and to a lease and agreement dated March 20, 1953 by and between J. Baker and Associates as first party and O. C. Spurrier, Jr. and Milton L. Conner of Inyo County, California, as second parties.

Dated this 15th day of June, 1953.

J. Baker and Associates

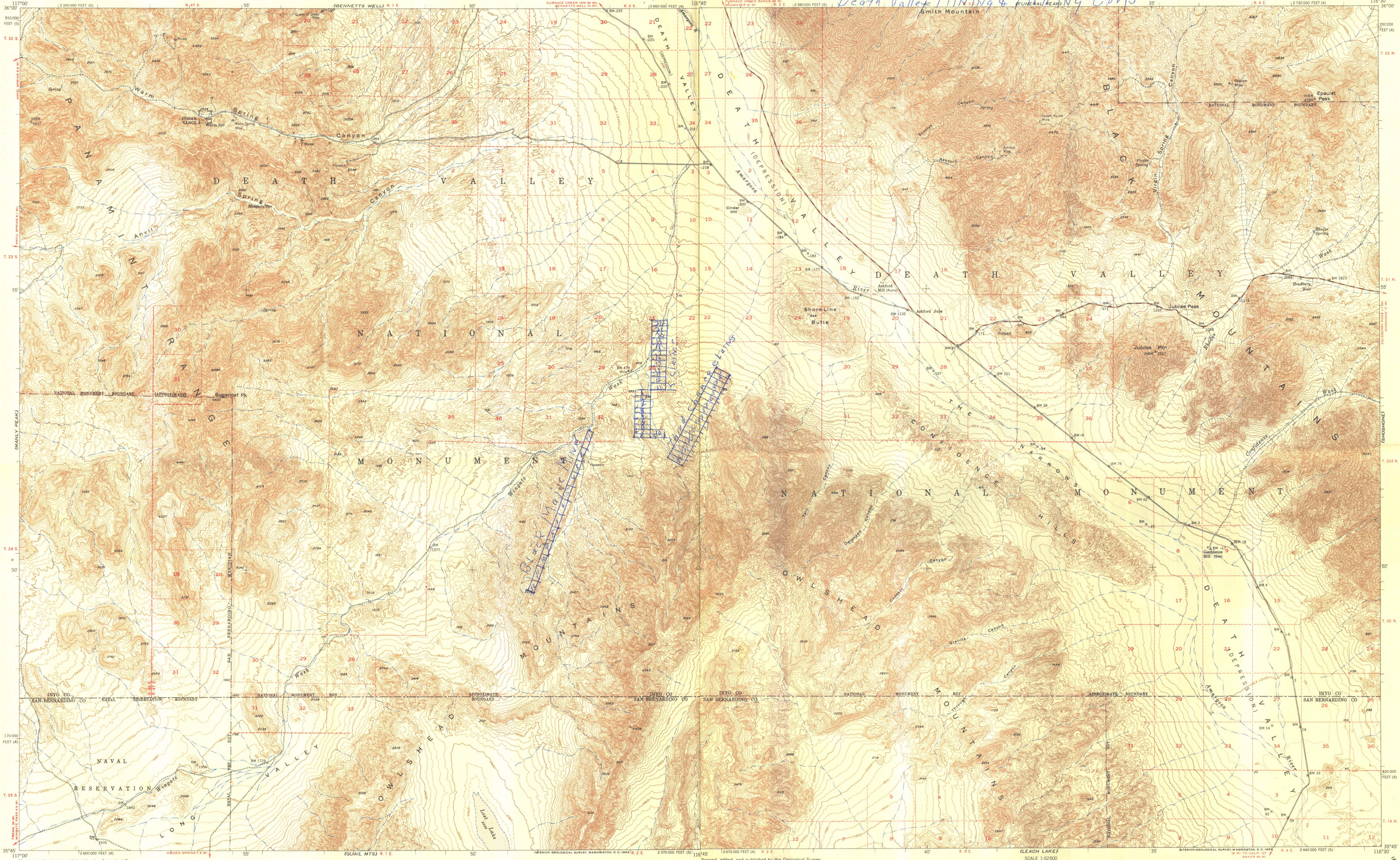
By James Baker
Jim Baker

Sunny Dodge
Sunny Dodge

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WINGATE WASH QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Death Valley Mining & Milling Corp

CONFIDENCE HILLS QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)