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

REGIONAL DIRECTOR'S OFFICE
REGION IV
JUN 25 1951
BUREAU OF MINES
DENVER, COLORADO

June 18, 1951

Memorandum

To: J. H. East, Jr.
224 New Customhouse
Denver 2, Colorado

From: Tom Lyon, Director, Supply Division
Defense Minerals Administration

Subject: United Minerals Reserve Corporation. Dockets DMA-57 and DMA-81, your memo. of June 6

Please be advised that Docket DMA-57, refers to an application filed by the United Metals Reserve Corporation for a loan of $25,700 to explore and operate the Sunnyside copper mining property in Santa Cruz County, Arizona. It was denied on March 8, 1951, because of inadequate reserves.

Docket DMA-81 refers to an application filed by the same corporation for assistance in exploring the Homestake Mine, a lead-zinc property in Blaine County, Idaho.

Tom Lyon
Tom Lyon

Copy to: Executive Secretary
Copper Branch
Lead-Zinc Branch
Files

Mr Milton Allsman pre
Transmittal

DMA file attached

Pending

June 6, 1951

Memorandum

To: Tom Lyon, Director, Supply Division, Defense Minerals Administration

From: Executive Officer, DMA Field Team, Region IV

Subject: United Minerals Reserve Corporation

We have received copies of your letter of May 28 to the Director, Production Expansion Division, regarding DMA 81, recommendation for approval of application for an exploration loan submitted by United Minerals Reserve Corporation, 518 Felt Building, Salt Lake City 1, Utah.

The memorandum states that "all of the necessary information required for completion of the contract is contained in the application of the company and the report of the field team." The Field Team, Region IV, made a report on DMA 57, United Minerals Reserve Corporation, Sunnyside Copper Property. Would you please advise if dockets DMA 57 and 81 are one and the same.

J. H. East, Jr.

/ol
dd-dma files

The docket we had for United Minerals Reserve was DMA 57 - the report is attached. We do not have DMA 81.

Charlotte

FEDERAL DIRECTOR'S
OFFICE
REGION IV
JUN 4 - 1951
BUREAU OF MINES
DENVER, COLORADO

May 28, 1951

Memorandum

Re: Docket DMA-81

To: Director, Production Expansion Division

From: Director, Supply Division

Subject: Recommendation for approval of application (DMA-81) for an exploration loan submitted by United Minerals Reserve Corporation, 518 Felt Building Salt Lake City 1, Utah

57

Attached is the original application and supporting data submitted by the United Minerals Reserve Corporation of Salt Lake City, Utah, together with the report and recommendation for approval of the field team of the Defense Minerals Administration.

All of the necessary information required for completion of the contract is contained in the application of the company and the report of the field team.

The Lead-Zinc Branch concurs with the recommendation of the field team.

Tom Lyon

Tom Lyon, Director
Supply Division

Attachment

EJLyons:emp
G 5/28/51

Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
L. B. Moon
R. H. Mote
L. F. Strobel
Tom Lyon
Directors reading file 4214 GSA
Br. reading file 4212 GSA

UNITED MINERALS RESERVE CORPORATION

Address Reply To
FELT BUILDING
SALT LAKE CITY 1, UTAH

231 SO. LASALLE ST.
CHICAGO 4, ILLINOIS

REGIONAL DIRECTOR'S OFFICE
REGION IV
MAY 10 1951
BUREAU OF MINES
DENVER, COLORADO

May 9, 1951

57

Regional Office of the Defense
Minerals Administration,
Room 224 New Customhouse,
19th and Stout Streets
Denver, Colorado

Gentlemen:

Please send twelve copies of Form MF-100 to United Minerals Reserve Corporation, 518 Felt Building, Salt Lake City, Utah.

Very truly yours,

George W. Snyder, Jr.

Reid Jetson

Sent 5/11

REGIONAL DIRECTOR'S
OFFICE
REGION IV
MAR 19 1951
BUREAU OF MINES
DENVER, COLORADO

March 8, 1951

Air Mail

Re: Docket No. DMA-57

Mr. George W. Snyder, Jr., President
United Metals Reserve Corporation
Felt Building
Salt Lake City 1, Utah

Dear Mr. Snyder:

I regret to have to inform you that your application for a loan of $25,700 to explore and operate the Sunnyside mining property in Santa Cruz County, Arizona, is denied. Investigation by Defense Minerals Administration Field Team led to the conclusion that the reserves would not support the proposed operation and return the investment, and that the exploratory possibilities were not such as to justify Government assistance or participation.

Your interest in proposing a copper production - exploration project, and in furnishing information for our consideration, is appreciated.

Very truly yours,

/s/ Tom Lyon

Tom Lyon, Director
Supply Division

CHJohnson:cw

Copy to: Executive Officer, DMA Field Team, Region IV
Denver, Colorado
Executive Secretary
Copper Commodity Committee
Files

File

File

Copy to Rockwaum
Lyon
Johnson

REGIONAL DIRECTOR'S
OFFICE
REGION IV
MAR 19 1951
BUREAU OF MINES
DENVER, COLORADO

March 8, 1951

Memorandum

To: Executive Secretary

From: Chairman, Copper Commodity Committee

Through: Operating Committee

Subject: (DMA-57) United Minerals Reserve Corporation, Sunnyside Mine, Santa Cruz County, Arizona

The subject Production Loan Application has been investigated by the field team of Region IV, and a report returned recommending denial. The Copper Commodity Committee concurs in this recommendation and recommends denial of the application on grounds of inadequate reserves. There is no good prospect of additional reserves to be developed by further exploratory work.

A letter for signature of the Director of the Supply Division addressed to the applicant informing him of denial of the application accompanies this memorandum.

The entire file on DMA-57 is transmitted herewith for your disposal.

A brief analysis of the project and our reasons for denial follows:

(a) United Minerals Reserve Corporation, 518 Felt Building, Salt Lake City 1, Utah.

(b) The Mining project is near Patagonia in Santa Cruz County, Arizona.

(c) Conclusions. The project is not technically or economically feasible.

(d) Denial is recommended.

(e) The applicant requested a loan of $25,700 of which $6,500 was to be used largely for the purchase of production equipment to begin a small scale operation estimated by the applicant to yield about a ton of copper a day. $19,200 was to be used for diamond drill exploration to develop a supposed large low-grade ore body.

(f) The project would have been acceptable in the copper program if it had proved to be technically feasible.

(g) Reserves. The field team report states that at the point where the applicant proposes to begin mining, reserves amount to only a few tons of ore per foot of depth, averaging 5 percent copper. The report continues, "from a deposit of this type, production of over a ton or two of ore daily could not be expected and economic operation would be dependent upon a market price for copper of over $2.00 a pound."

Careful study of the exploratory possibilities by the field team led to the conclusion that conditions are unfavorable for the presence of a large reserve of copper ore on the Sunnyside property.

/s/ Tom Lyon

Tom Lyon, Chairman
Copper Commodity Committee

Enclosures

Approved:

Chairman, Operating Committee

Member, Bureau of Mines

Member, Geological Survey

not necessary

CHJohnson:cw

Copy to: Executive Officer, DMA Field Team, Region IV, Denver, Colorado
Copper Commodity Committee
Files

March 13, 1951

Memorandum

To: Operating Committee, Defense Minerals Administration

From: Regional Director, Region IV

Subject: Material on Dockets DMA 7 and DMA 57

Attached is the brochure on DMA Docket 7, Silver Knight Lead-Zinc Property. The report on this docket was submitted to Washington on February 19 by the Field Team.

Also attached is the brochure on the Sunnyside Copper Property, United Minerals Reserve Corporation, Docket DMA 57. The Field Team report on this docket was sent to Washington on February 13.

J. H. East, Jr.

Attachments

Dma 7 - 1 copy, NSRB 146
United Minerals letter, 12/15/50 to DMA, Washington
Glen A Gardner Co. letter to UMRC, 9/28/50
Prospectus, UMRC
Preliminary application and consolidated reports Sunnyside Copper

Dma 57 - 2 copies, NSRB 146, 3 copies of Silver Knight letter to Region Iv, Oct. 20, 19

Copy to DMA files (57)

Mining Division
Date Rec'd.

MAR 12 1951

BUREAU OF MINES
Denver, Colorado

MINING DIVISION
REGION IV

March 8, 1951

Register - Ret. Rec. Req.

Memorandum

To : Paul T. Allsman, Denver, Colorado

From : Chief, Arizona-New Mexico Br., Mining Div., Region IV

Subject : Completed DMA Dockets

As per your instructions we are returning the following docket material for return to Washington:

(1) DMA Docket 57, - United Minerals Reserve Corp., Salt Lake City, Utah (Sunnyside property, Santa Cruz Co., Ariz.)

(2) DMA Docket 7, - Silver Knight Lead-Zinc Property, Yavapai Co., Ariz.

Material on DMA Docket 9, Western Copper Co. (Bluebird), Miami, Ariz., was returned to you on February 21, 1951.

Walter R. Storms

CC P. T. Allsman
DMA 57
DMA 7
DDF

WRStorms:frj

February 13, 1951

Memorandum

To: Operating Committee, Defense Minerals Administration, Washington, D. C.

From: Field Team, DMA, Region IV

Subject: DMA Docket 57, Sunnyside Copper Property, Santa Cruz County, Arizona

We are attaching a report on Sunnyside Copper Property, Santa Cruz County, Arizona, DMA Docket 57. The Field Team, DMA, Region IV recommends that the application for Government assistance be denied.

J. H. East, Jr.

A. H. Koschmann

Attachment.
Copies to -
Operating Committee (3)
Koschmann (1)
Allsman (1)
DMA files

Mining Division
Data Rec'd.
JAN 22 1951
BUREAU OF MINES
Denver, Colorado

January 18, 1951

Air Mail

Mr. George W. Snyder, Jr., Pres.,
United Minerals Reserve Corp.
Felt Building
Salt Lake City, Utah.

Dear Mr. Snyder:

Reference is made to the Sunnyside mining property, Santa Cruz County, Ariz.

Our engineers are not clear on the status of ownership of the property. Please let me know if the six recorded claims mentioned in Michael's report were purchased by your Corporation or whether they have been leased from the Farrells. They would also like to know the date these claims were acquired and if the remaining eleven claims have been recorded with your Corporation as owner.

Please let me have the above information and any other data regarding property ownership you believe to be pertinent, at your earliest convenience.

Sincerely yours,

Walter R. Storms, Chief
Arizona-New Mexico Branch

CC P. T. Allsman
DMA -57
DF

TMRomslo:frj

January 17, 1951

Memorandum

To: W. R. Storms

From: Chief, Mining Division, Region IV

Subject: Docket No. DMA-57, United Minerals Reserve Corporation, 518 Felt Building, Salt Lake City 1, Utah.

Herewith are the completed forms MSMB-146 and other data relating to the above application. You already have been instructed to make this examination and a report and this additional information is made available in order that you can incorporate it in your final report.

Paul T. Allsman

Enclosures

CC: Field Team, Reg. IV

PTA:ftm

Sub. File
Chron. File

Mining Division
Data Rec'd.
JAN 15 1951
Bureau of Mines
Denver, Colorado

January 11, 1951

Air Mail

George W. Snyder, Jr.
United Minerals Reserve Corp.
Felt Building
Salt Lake City 1, Utah

DMA DOCKET 57

Dear Sir:

Reference is made to your letter of Nov. 6, 1950 and the attached reports to J. H. East, Jr., U. S. Bureau of Mines, regarding the Sunnyside Mining Property, near Patagonia, Santa Cruz County, Ariz.

During a recent examination of the Sunnyside property our engineers secured from Robert Lenon a map of the group of claims. A tracing of the map showing the location of the most prominent mine workings as established during the examination is enclosed. You will note the number of claims and their relative locations and the location of the principal workings as shown on the map do no check with the same data shown on the map of page 1, exhibit "A" that accompanied your letter.

Please let me know which of the two maps show the correct number of claims and which map is accurate as to location of the property and the relative locations of the claims.

Sincerely yours,

Walter R. Storms, Chief
Arizona-New Mexico Branch

CC P. T. Allsman
DMA 57
T. M. Romslo:frj
DF

STANDARD FORM No. 14
APPROVED BY THE PRESIDENT
MARCH 10, 1926

TELEGRAM

OFFICIAL BUSINESS—GOVERNMENT RATES

FROM Walter R. Storms

BUREAU of Mines

CHG. APPROPRIATION Full Rate

Tucson, Arizona, ~~September~~ January 3, 1950

U. S. GOVERNMENT PRINTING OFFICE 10—1723

Mining Division
Date Rec'd.
JAN 5 1950
BUREAU OF MINES
Denver, Colorado

Phoned 9.50 a.m. frj

Paul T. Allsman
Bureau of Mines
224 New Customhouse
Denver, Colorado

Do we have DMA allotment for phone in new office, also may we hire sampler on DMA funds for Sunnyside examination. How much allotted to Tucson for this quarter.

WRS

WALTER R. STORMS

CC Confirmation
Mrs. Brown
Mrs. Stapleton (2)
462.1
DF

WRStorms:frj

December 28, 1950

Memorandum

To: W. R. Storms, Tucson, Arizona

From: Regional Director, Region IV

Subject: Sunnyside Group, Copper, Santa Cruz County, Ariz.
DMA Docket No. 57

Referring to your memorandum dated December 26, 1950 addressed to Mr. Allsman, above subject:

The report was sent to you for your examination of the property, and a report as to the feasibility. A copy of our memorandum was sent to Mr. Anderson, who will also make a report; or the report may be a joint one, as you determine between yourselves. This report is to be prepared as soon as possible and forwarded to Mr. Allsman for review, as requested, after which it will be examined by the Field Team.

Your job is to determine the feasibility of the project.

There is no change in the information I gave you regarding the exploration and development mining, so far as I know; however, when these letters are sent you regarding the Defense Minerals Administration work, your sole duty is to make the required engineering report.

Any changes in instructions from what I have given you will be forwarded in due course.

J. H. East, Jr.

J. H. East, Jr.

cc: PT Allsman

JHE:lm

Mining Division
Date Rec'd.
DEC 29 1950
BUREAU OF MINES
Denver, Colorado

December 27, 1950

Mr. C. A. Anderson
U. S. Geological Survey
Box 663
Prescott, Arizona

Dear Andy:

You probably have received a copy of theDMA Field Team's memorandum to Allsman regarding an examination of the Sunnyside group of claims in Santa Cruz County.

I expect to send T. M. Romslo to look at this property some time next week. Will you have a man here by that time so he can go with Romslo?

Incidentally, our quarters in the College of Mines building are coming along fine. The brick partition is in, wiring is all up for lights, and yesterday they were putting in the heating apparatus. Looks like it would be completed by January 1 when our lease starts.

Sincerely yours,

Walter R. Storms, Chief
Arizona-New Mexico Branch

CC P. T. Allsman
462.1
DF

WRStorms:frj

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Date Rec'd.
DEC 28 1950

Arizona-New Mexico Branch
SOUTHWEST EXPERIMENT STATION
Box 4097
UNIVERSITY STATION

MINING DIVISION
REGION IV

TUCSON, ARIZONA

December 26, 1950

BUREAU OF MINES
Denver, Colorado

Memorandum

To : Paul T. Allsman, Denver, Colorado

From : Chief, ~~Arizona-New~~ Mexico Br., Mining Div., Region IV

Subject : Sunnyside Group, Copper, Santa Cruz County, Ariz.
DMA Docket No. 57

Your memorandum of December 20 with report on the above mine, and copy of letter from the Field Team, Region IV, were received today. So far as I can see, this application for assistance is for $19,200 for core drilling. I understood from Regional Director East that no funds were being loaned at this time for exploratory work. Has Washington reversed this decision already?

Stewart and Romslo are on annual leave this week. As soon as I can get hold of C. A. Anderson in Prescott and when Romslo returns, I will send him out to inspect this property with Anderson's man.

Walter R. Storms

Walter R. Storms

CC P. T. Allsman
462.1
DF

Mining Division
Region IV

December 20, 1950

Memorandum

To: W. R. Storms

From: Chief, Mining Division, Region IV

Subject: Sunnyside Group, Copper, Santa Cruz County, Arizona
D.M.A. Docket No. 57.

Herewith is the above application for mining assistance from the United Minerals Reserve Corporation and copies of other correspondence. You have a copy of a letter from the Field Team, Region IV, and Anderson has received a copy.

Please get together with Anderson and make a complete investigation and report of the feasibility of the application. A brief review indicates geologic mapping and probably some revision of the proposed drilling. After you and Anderson have reviewed and approved the report, it should be sent to me for review.

Paul T. Allsman

Enclosures

Copy to: Field Team, Reg. IV

Carbon Copy
Sub. File
Chron. File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

224 New Customhouse
Denver 2, Colorado

December 19, 1950

Memorandum

To: P. T. Allsman

From: Field Team, Region IV

Subject: Sunnyside Group, Santa Cruz County, Arizona

Mr. S. H. Williston, Chairman, Operating Committee, Defense Minerals Administration, has forwarded a report submitted by the Sunnyside Group (Copper), Santa Cruz County, Arizona, for a report and recommendation action on the application.

Please make arrangements to have the Bureau of Mines report in cooperation with the Geological Survey report.

We are forwarding a copy of this memorandum to Mr. Anderson.

J. H. East, Jr.

J. H. East, Jr.

A. H. Koschmann

A. H. Koschmann

cc: DMA Files
JH East, Jr.
AH Koschmann
WR Storms
C. Anderson

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

December 12, 1950

Subject: Sunnyside Group (Copper)
Santa Cruiz County,
Arizona

Mr. J. H. East, Jr.
Executive Officer
DMA Field Team
Region IV
U. S. Bureau of Mines
224 New Customhouse
Denver 2, Colorado

Dear Mr. East:

If the statementsiin this application are true, the project ranks high among the small potential producers that have been brought to our attention so far. Small as it is in stated potentialities, we recommend it your attention for an examination. A report by your office comprising the viewpoint of both a geologist from the USGS and an engineer from the USBM, will be needed to determine the proper action on the application.

Sincerely yours,

(s) S. H. Williston

S. H. Williston, Chairman
Operating Committee
Defense Minerals Administration

Enclosure

C
O
P
Y

COPY TO STORMS 12-19-50

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

January 11, 1951

Re: Docket No. DMA-57

Mr. George W. Snyder, Jr.,
President, United Minerals
Reserve Corporation
518 Felt Building
Salt Lake City 1, Utah

Dear Mr. Snyder:

This is to acknowledge receipt of a loan application in the name of your Company for $25,700, for the development and operation of the Sunnyside mine in Santa Cruz County, Arizona. A copy of the application (Form NSRB-146 and attachments) has been forwarded to Mr. J. H. East, Jr., Executive Officer of the D.M.A. field team in Region IV, for his further information. We previously had sent him the material submitted with your preliminary application

Very truly yours,

J. K. Richardson, Chief
Copper Branch

GHJohnson:ba

Copy to J. H. East, 224 New Customhouse, Denver, Colorado, with
1 copy of NSRB form
Mr. Strobel
Copper Commodity Committee
F i l e s

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICE OF
REGIONAL DIRECTOR

REGION IV

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

November 14, 1950

Mr. George W. Snyder, Jr.
President and General Manager
United Minerals Reserve Corporation
Felt Building
Salt Lake City 1, Utah

Dear Mr. Snyder:

This will acknowledge receipt of your letter of November 6 with detailed data attached regarding the Sunnyside Group of the United Minerals Reserve Corporation near Patagonia, Arizona, a copper property.

In accordance with recent instructions from Washington, your letter and accompanying data are being sent to Director Boyd by registered mail for a brief review before action is taken in the field.

Sincerely yours,

E. H. Denny for
J. H. East, Jr.
Regional Director

EHD:lm

cc: PT Allsman
WR Storms

REGIONAL DIRECTOR'S
OFFICE
REGION IV
DEC 11 1950
BUREAU OF MINES
DENVER, COLORADO

REGIONAL DIRECTOR'S
OFFICE
REGION IV
DEC 11 1950
BUREAU OF MINES
DENVER, COLORADO

December 8, 1950

AIR MAIL

Dr. James H. Boyd
Acting Deputy Administrator
Defense Minerals Administration
U.S. Department of Interior
Washington, D. C.

Dear Dr. Boyd:

Under date of November 6, we forwarded to Mr. J. H. East, Jr., Regional Director, Region IV, Bureau of Mines, 224 New Customhouse, Denver 2, Colorado, our preliminary report and application for assistance under Defense Production Act on the Sunnyside Mine, a copper property located in the Harshaw mining district, ~~Santa~~ Cruz County, Arizona.

On November 15, we received a letter from Mr. E. H. Denny, written for Mr. East, advising that said application and report had been forwarded to the Washington office.

We have as yet received no docket number on this item and, due to the urgency of same, are concerned with whether or not it might have been mishandled. We will appreciate being advised of a docket number on same or whether we should duplicate the initial filing.

Sincerest thanks for what attention you may be able to give this.

Very truly yours,

UNITED MINERALS RESERVE CORP.

George W. Snyder, Jr.
jhl

George W. Snyder, Jr.
President

GWSjr/jhl

CC: J. H. East, Jr.

December 28, 1950

Memorandum

To: W. R. Storms, Tucson, Arizona

From: Regional Director, Region IV

Subject: Sunnyside Group, Copper, Santa Cruz County, Ariz.
DMA Docket No. 57

Referring to your memorandum dated December 26, 1950 addressed to Mr. Allsman, above subject:

The report was sent to you for your examination of the property, and a report as to the feasibility. A copy of our memorandum was sent to Mr. Anderson, who will also make a report; or the report may be a joint one, as you determine between yourselves. This report is to be prepared as soon as possible and forwarded to Mr. Allsman for review, as requested, after which it will be examined by the Field Team.

Your job is to determine the feasibility of the project.

There is no change in the information I gave you regarding the exploration and development mining, so far as I know; however, when these letters are sent you regarding the Defense Minerals Administration work, your sole duty is to make the required engineering report.

Any changes in instructions from what I have given you will be forwarded in due course.

J. H. East, Jr.

J. H. East, Jr.

cc: PT Allsman

JHE:lm

report turned over to Allsman 1/16/51

Mining Division
Date Rec'd.

DEC 28 1950

BUREAU OF MINES
Denver, Colorado

December 26, 1950

Memorandum

To : Paul T. Allsman, Denver, Colorado

From : Chief, Arizona-New Mexico Br., Mining Div., Region IV

Subject : Sunnyside Group, Copper, Santa Cruz County, Ariz.
DMA Docket No. 57

Your memorandum of December 20 with report on the above mine, and copy of letter from the Field Team, Region IV, were received today. So far as I can see, this application for assistance is for $19,200 for core drilling. I understood from Regional Director East that no funds were being loaned at this time for exploratory work. Has Washington reversed this decision already?

Stewart and Romslo are on annual leave this week. As soon as I can get hold of C. A. Anderson in Prescott and when Romslo returns, I will send him out to inspect this property with Anderson's man.

Walter R. Storms

CC P. T. Allsman
462.1
DF

WRStorms:frj

December 12, 1950

Memorandum

To: Chairman, Operating Committee, DMA

From: Nonferrous Metals Committee, DMA

Subject: DMA Docket #57, Sunnyside Group (Copper), Santa Cruiz Co., Arizona.

The Nonferrous Metals Committee reviewed this report on December 12 and recommends a field investigation. Draft letter to the regional director is attached.

/s/ Charles W. Merrill
Acting Chairman
Nonferrous Metals Committee

Attachment

APPROVED BY:

/s/ _____
S. M. Williston
Chairman, Operating Committee

CHJohnson:ldw

/s/ _____
J. H. Hedges

/s/ _____
O. N. Rove

Copy to: Exec. Officer, DMA Field Team, Region IV
J. K. Richardson
C. W. Merrill
E. T. McNnight

FOR VICTORY BUY UNITED STATES WAR BONDS AND STAMPS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
224 New Customhouse
Denver 2, Colorado

December 19, 1950

Memorandum

To: P. P. Allman

From: Field Team, Region IV

Subject: Sunnyside Group, Santa Cruz County, Arizona

Mr. F. L. Williams, Chairman, Operating Committee, Defense Minerals Administration, has forwarded a report submitted by the Sunnyside Group (Copper), Santa Cruz County, Arizona, for a report and recommendation action on the application.

Please make arrangements to have the Bureau of Mines report in cooperation with the Geological Survey report.

We are forwarding a copy of this memorandum to Mr. Anderson.

J. H. East, Jr.
J. H. East, Jr.

J. A. H. Koschmann
A. H. Koschmann

cc: DM Files
J. East, Jr.
AH Koschmann
MT Storms
C. Anderson

file

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REGIONAL DIRECTOR'S
OFFICE
REGION IV
DEC 20 1950
BUREAU OF MINES
DENVER, COLORADO

Mining Division
Region IV
OFFICE OF
CHIEF OIL SHALE MINING DIVISION
SYNTHETIC LIQUID FUELS PROGRAM

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

December 20, 1950

Memorandum

To: W. R. Storms

From: Chief, Mining Division, Region IV

Subject: Sunnyside Group, Copper, Santa Cruz County, Arizona
D.M.A. Docket No. 57.

Herewith is the above application for mining assistance from the United Minerals Reserve Corporation and copies of other correspondence. You have a copy of a letter from the Field Team, Region IV, and Anderson has received a copy.

Please get together with Anderson and make a complete investigation and report of the feasibility of the application. A brief review indicates geologic mapping and probably some revision of the proposed drilling. After you and Anderson have reviewed and approved the report, it should be sent to me for review.

Paul T. Allsman

Enclosures

Copy to: Field Team, Reg. IV

gNE

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

December 12, 1950

Subject: Sunnyside Group (Copper)
Santa Cruiz County,
Arizona.

Mr. J. H. East, Jr.
Executive Officer
DMA Field Team
Region Iv
U. S. Bureau of Mines
224 New Customhouse
Denver 2, Colorado

REGIONAL DIRECTOR'S OFFICE
DEC 18 1950
DENVER, COLORADO

Dear Mr. East:

If the statements in this application are true, the project ranks high among the small potential producers that have been brought to our attention so far. Small as it is in stated potentialities, we recommend it your attention for an examination. A report by your office comprising the viewpoint of both a geologist from the USGS and an engineer from the USBM, will be needed to determine the proper action on the application.

Sincerely yours,

S. H. Williston, Chairman
Operating Committee
Defense Minerals Administration

Enclosure

COPY TO STORMS AND ALLSMAN 12-19-50

pitre

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

Mining Division
Date Rec'd.
DEC 4 1950
BUREAU OF MINES
Denver, Colorado

Sunnyside mine Co. Co.

57

December 1, 1950

Air Mail

Mr. H. W. St. Clair
Minerals Division
Bureau of Mines
Washington 25, D. C.

Subject: Production of rhodonite concentrates

Dear Mr. St. Clair:

This refers to our telephone conversation today relating to the Sunnyside proposal. I met with Messrs. Page, Kirkland, Creglow, and Hunt of the U. S. Smelting Company and find that their recent mill run would not substitute for your proposal.

They mined a considerable tonnage of ore, treated it in a make-shift mill at Ouray, and the general results were not satisfactory since the milling set-up was inadequate. They did not make 10 tons of concentrate and would not be prepared to submit the quantity of material suggested by you for a furnace test.

I have discussed with the staff the possibility of producing the material in our pilot plant here at Salt Lake City. If W.A.E. funds were made available for the 3-shift operation and 25 tons of plus 20 percent manganese rhodonite ore were avaiable we would undertake to produce the material required for testing. Our mill set-up here is of small capacity and by working on a 3-shift basis about one month's operation would be required. The rhodonite ore is difficult to grind and we would have to add another grinding mill to our circuit. The installation of extra grinding capacity and modification of our plant to conform to the necessary flow sheet could be under way during the period that the ore was being mined and shipped.

The mining and shipping of the ore are critical factors so far as time is concerned. As you know, the Sunnyside mine is located at a high altitude and winter has already set in and unless the ore is mined and shipped in the near future, the project would be inactive until the property would again become accessible which probably would be in June. I believe that the Company would be willing to undertake the immediate mining and delivery of the ore on a reimbursable basis and even might be willing to do the mining at their own expense.

A factor which came to light during our discussions this morning was the difficulty of producing a 55 percent concentrate and that if reasonably good recoveries of manganese are to be obtained, the probable grade of the concentrate would be nearer 35 percent Mn.

The Company also suggested that if 28 to 30 percent Mn were acceptable there would be the possibility of hand cobbing the manganese at coarse size and subsequently grinding the Rhodonite aggregates and floating to remove and recover the sulfide minerals. We are not proposing this flow sheet; however, if the product were acceptable it would greatly simplify the processing by eliminating the necessity of desliming and flotation of the quartz.

Another subject which came up during the meeting was the matter of exploration. Although this does not come under the heading of metallurgy, it is an important part of the over-all project and we feel that serious consideration should be given to exploration to determine the extent and grade of the ore body. Since the exploration and development at Sunnyside has been for lead and sinc the exploration to determine the rhodonite reserves perhaps would be a function of a Government agency. Allsman is familiar with the project.

If we are to undertake this rather considerable milling project at the Salt Lake station in the near future, work on other projects naturally will have to be to some extent deferred. However, we feel that we will be able to meet our principal commitments.

I have already discussed the proposal with the Regional office and we have Mr. East's approval to undertake the work with the understanding that D.M.A. will provide the funds mentioned by you.

Sincerely yours,

S. R. Zimmerley

P. S. Since your second telephone call I have talked to Mr. Page and he will take up with officers of the company your proposal of a cooperative agreement whereby they mine and deliver the ore to the nearest trucking station and then we would pay to deliver the ore to this station, conduct the milling operation, and deliver 10 tons of sintered concentrate. Thereafter D.M.A. would arrange for the smelting tests, the results thereof also to be made available to the U. S. Smelting Company and if the results were satisfactory, D.M.A. would foster the project with the intent of ultimate production. I believe this to be essentially consistent with your proposal.

S.R.Z.

Copy to: J. H. East, Jr.
P. T. Allsman

Form 6-98

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